



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | Çıkış Devri                                           | Çıkış Momenti                                       | Çevrim Oranı     | Güv. Rad. Yük Çıkış                                 | Servis Faktörü                   | Tipi           | Anma Akımı       | Ağırlık              | Ölçü Sayfası | Motor Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|----------------|------------------|----------------------|--------------|----------------------------|
| Power                                                  | Output Speeds                                         | Output Torque                                       | Ratio            | Per.O. Loads (Output)                               | Service Factors                  | Type           | Rated Current    | Weight               | Dim. Page    | Motor Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ            | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite   | Motor Effizienz-<br>klasse |
| 0,12<br>0,16                                           | 0,28                                                  | 3161                                                | 4953,44          | 18152                                               | 0,9                              | MR576-2E63M/4B | 0,42             | 157                  | 123          | IE2                        |
|                                                        | 0,32                                                  | 2811                                                | 4402,68          | 20503                                               | 1,1                              | NR576-2E63M/4B |                  | 151                  |              |                            |
|                                                        | 0,42                                                  | 2157                                                | 3372,36          | 24025                                               | 1,4                              |                |                  |                      |              |                            |
|                                                        | 0,49                                                  | 1825                                                | 2850,22          | 25448                                               | 1,6                              |                |                  |                      |              |                            |
|                                                        | 0,51                                                  | 1786                                                | 2736,94          | 25606                                               | 1,7                              | MR575-2E63M/4B | 0,42             | 155                  | 123          | IE2                        |
|                                                        | 0,61                                                  | 1511                                                | 2313,18          | 26663                                               | 2,0                              | NR575-2E63M/4B |                  | 149                  |              |                            |
|                                                        | 0,74                                                  | 1239                                                | 1897,20          | 27612                                               | 2,4                              |                |                  |                      |              |                            |
|                                                        | 0,84                                                  | 1095                                                | 1675,43          | 28077                                               | 2,7                              |                |                  |                      |              |                            |
|                                                        | 0,94                                                  | 973                                                 | 1489,14          | 28449                                               | 3,1                              |                |                  |                      |              |                            |
|                                                        | 1,1                                                   | 824                                                 | 1259,61          | 28915                                               | 3,6                              |                |                  |                      |              |                            |
|                                                        | 1,2                                                   | 748                                                 | 1140,65          | 29101                                               | 4,0                              |                |                  |                      |              |                            |
|                                                        | 0,55                                                  | 1648                                                | 2522,85          | 13294                                               | 0,9                              | MR475-2E63M/4B | 0,42             | 100                  | 120          | IE2                        |
|                                                        | 0,66                                                  | 1378                                                | 2107,15          | 17344                                               | 1,1                              | NR475-2E63M/4B |                  | 103                  |              |                            |
|                                                        | 0,70                                                  | 1302                                                | 1990,76          | 18266                                               | 1,2                              |                |                  |                      |              |                            |
|                                                        | 0,81                                                  | 1139                                                | 1738,98          | 20032                                               | 1,4                              |                |                  |                      |              |                            |
|                                                        | 0,86                                                  | 1070                                                | 1631,08          | 20714                                               | 1,4                              |                |                  |                      |              |                            |
|                                                        | 1,0                                                   | 910                                                 | 1386,75          | 22094                                               | 1,7                              |                |                  |                      |              |                            |
|                                                        | 1,1                                                   | 845                                                 | 1285,79          | 22653                                               | 1,8                              |                |                  |                      |              |                            |
|                                                        | 1,2                                                   | 792                                                 | 1204,49          | 23070                                               | 2,0                              |                |                  |                      |              |                            |
|                                                        | 1,3                                                   | 694                                                 | 1053,93          | 23786                                               | 2,2                              |                |                  |                      |              |                            |
|                                                        | 1,5                                                   | 617                                                 | 934,94           | 24312                                               | 2,5                              |                |                  |                      |              |                            |
|                                                        | 0,90                                                  | 1019                                                | 1561,78          | 6910                                                | 0,8                              | MR375-2E63M/4B | 0,42             | 76                   | 117          | IE2                        |
|                                                        | 1,0                                                   | 902                                                 | 1380,71          | 9830                                                | 0,9                              | NR375-2E63M/4B |                  | 78                   |              |                            |
|                                                        | 1,2                                                   | 759                                                 | 1161,33          | 12320                                               | 1,1                              |                |                  |                      |              |                            |
|                                                        | 1,4                                                   | 646                                                 | 987,33           | 13863                                               | 1,3                              |                |                  |                      |              |                            |
|                                                        | 1,7                                                   | 554                                                 | 845,97           | 14931                                               | 1,5                              |                |                  |                      |              |                            |
|                                                        | 1,8                                                   | 501                                                 | 765,58           | 15470                                               | 1,6                              |                |                  |                      |              |                            |
|                                                        | 2,1                                                   | 443                                                 | 676,02           | 16025                                               | 1,8                              |                |                  |                      |              |                            |
|                                                        | 2,2                                                   | 414                                                 | 631,45           | 16286                                               | 2,0                              |                |                  |                      |              |                            |
|                                                        | 2,6                                                   | 351                                                 | 533,70           | 16828                                               | 2,3                              |                |                  |                      |              |                            |
|                                                        | 2,7                                                   | 352                                                 | 524,07           | 16815                                               | 2,3                              | MR374-2E63M/4B | 0,42             | 55                   | 116          | IE2                        |
|                                                        | 3,3                                                   | 284                                                 | 421,85           | 17348                                               | 2,9                              | NR374-2E63M/4B |                  | 58                   |              |                            |
|                                                        | 3,8                                                   | 249                                                 | 369,93           | 17599                                               | 3,3                              |                |                  |                      |              |                            |
|                                                        | 1,2                                                   | 789                                                 | 1206,98          | 2333                                                | 0,8                              | MR285-2E63M/4B | 0,42             | 74                   | 114          | IE2                        |
|                                                        | 1,4                                                   | 664                                                 | 1015,21          | 7487                                                | 0,9                              | NR285-2E63M/4B |                  | 75                   |              |                            |
|                                                        | 1,6                                                   | 565                                                 | 863,11           | 9637                                                | 1,1                              |                |                  |                      |              |                            |
|                                                        | 1,9                                                   | 484                                                 | 739,53           | 10983                                               | 1,2                              |                |                  |                      |              |                            |
|                                                        | 2,1                                                   | 439                                                 | 669,25           | 11641                                               | 1,4                              |                |                  |                      |              |                            |
|                                                        | 2,4                                                   | 375                                                 | 573,81           | 12445                                               | 1,6                              |                |                  |                      |              |                            |
|                                                        | 2,8                                                   | 322                                                 | 491,50           | 13057                                               | 1,9                              |                |                  |                      |              |                            |
|                                                        | 3,2                                                   | 290                                                 | 431,18           | 13388                                               | 2,1                              | MR284-3E63M/4B | 0,42             | 74                   | 113          | IE2                        |
|                                                        | 3,8                                                   | 248                                                 | 368,77           | 13798                                               | 2,4                              | NR284-3E63M/4B |                  | 75                   |              |                            |
|                                                        | 4,3                                                   | 218                                                 | 323,39           | 14073                                               | 2,8                              |                |                  |                      |              |                            |
|                                                        | 1,7                                                   | 541                                                 | 827,44           | 5855                                                | 0,8                              | MR275-2E63M/4B | 0,42             | 41                   | 111          | IE2                        |
|                                                        | 1,9                                                   | 474                                                 | 724,01           | 6465                                                | 0,9                              | NR275-2E63M/4B |                  | 43                   |              |                            |
|                                                        | 2,3                                                   | 392                                                 | 598,70           | 7080                                                | 1,1                              |                |                  |                      |              |                            |
|                                                        | 2,8                                                   | 328                                                 | 499,32           | 7505                                                | 1,4                              |                |                  |                      |              |                            |
|                                                        | 3,3                                                   | 275                                                 | 418,57           | 7806                                                | 1,6                              |                |                  |                      |              |                            |
|                                                        | 3,9                                                   | 236                                                 | 358,33           | 8008                                                | 1,9                              |                |                  |                      |              |                            |
|                                                        | 4,2                                                   | 219                                                 | 332,52           | 8090                                                | 2,1                              |                |                  |                      |              |                            |
|                                                        | 5,6                                                   | 166                                                 | 252,20           | 8331                                                | 2,7                              |                |                  |                      |              |                            |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü | Tipi           | Anma<br>Akımı    | Ağırlık | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------|-----------------------------|------------------------------|--------------|-----------------------------------------------------------|-----------------------|----------------|------------------|---------|-----------------|-------------------------------|
| Power                                      | Output<br>Speeds            | Output<br>Torque             | Ratio        |                                                           | Service<br>Factors    | Type           | Rated<br>Current | Weight  | Dim. Page       | Motor<br>Eff. Class           |
| Leistung                                   | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Übersetzung  | Zul.Querkräfte<br>(Abtrieb)                               | Betriebsfaktor        | Typ            | Nennstrom        | Gewicht | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]      | M <sub>2</sub> [Nm]          | i            | F <sub>qam</sub> [N]                                      | f <sub>s</sub>        |                | [A]              | [kg]    |                 |                               |
| 0,12<br>0,16                               | 6,5                         | 142                          | 215,91       | 8429                                                      | 3,2                   | MR275-2E63M/4B | 0,42             | 41      | 111             | IE2                           |
|                                            | 6,8                         | 135                          | 205,95       | 8457                                                      | 3,3                   | NR275-2E63M/4B |                  | 43      |                 |                               |
|                                            | 7,8                         | 119                          | 180,21       | 8523                                                      | 3,8                   |                |                  |         |                 |                               |
|                                            | 9,4                         | 98                           | 149,02       | 8760                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 10                          | 105                          | 138,55       | 8650                                                      | 4,0                   | MR273-2E63M/4B | 0,42             | 30      | 111             | IE2                           |
|                                            | 12                          | 92                           | 121,03       | 8864                                                      | 4,0                   | NR273-2E63M/4B |                  | 32      |                 |                               |
|                                            | 12                          | 86                           | 113,52       | 8944                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 14                          | 75                           | 99,21        | 5764                                                      | 2,7                   | MR173-2E63M/4B | 0,42             | 30      | 108             | IE2                           |
|                                            | 16                          | 66                           | 87,60        | 5565                                                      | 3,0                   | NR173-2E63M/4B |                  | 32      |                 |                               |
|                                            | 17                          | 62                           | 81,82        | 5457                                                      | 3,2                   |                |                  |         |                 |                               |
|                                            | 20                          | 52                           | 69,16        | 5197                                                      | 3,8                   |                |                  |         |                 |                               |
|                                            | 24                          | 44                           | 57,76        | 4928                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 28                          | 38                           | 49,81        | 4715                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 31                          | 34                           | 45,18        | 2835                                                      | 2,4                   | MR003-2E63M/4B | 0,42             | 12      | 106             | IE2                           |
|                                            | 35                          | 30                           | 40,04        | 2857                                                      | 2,7                   | NR003-2E63M/4B |                  | 13      |                 |                               |
|                                            | 44                          | 24                           | 32,02        | 2894                                                      | 3,4                   |                |                  |         |                 |                               |
|                                            | 49                          | 21                           | 28,38        | 2906                                                      | 3,8                   |                |                  |         |                 |                               |
|                                            | 58                          | 18                           | 24,13        | 2797                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 66                          | 16                           | 21,26        | 2679                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 68                          | 16                           | 20,66        | 2649                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 73                          | 15                           | 19,17        | 2581                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 77                          | 14                           | 18,20        | 2537                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 83                          | 13                           | 16,89        | 2472                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 95                          | 11                           | 14,67        | 2357                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 103                         | 10                           | 13,61        | 2297                                                      | 4,0                   |                |                  |         |                 |                               |
| 0,18<br>0,25                               | 126                         | 8,5                          | 11,14        | 2156                                                      | 4,0                   | MR002-2E63M/4B | 0,42             | 11      | 106             | IE2                           |
|                                            | 142                         | 7,6                          | 9,87         | 2068                                                      | 4,0                   | NR002-2E63M/4B |                  | 12      |                 |                               |
|                                            | 161                         | 6,7                          | 8,70         | 1980                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 166                         | 6,5                          | 8,45         | 1959                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 179                         | 6,0                          | 7,84         | 1909                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 188                         | 5,7                          | 7,45         | 1876                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 203                         | 5,3                          | 6,91         | 1828                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 233                         | 4,6                          | 6,00         | 1743                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 251                         | 4,3                          | 5,57         | 1698                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 307                         | 3,5                          | 4,56         | 1588                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 359                         | 3,0                          | 3,90         | 1506                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 387                         | 2,8                          | 3,62         | 1467                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 0,11                        | 12817                        | 8345,18      | 74316                                                     | 1,0                   | MR876-2E71M/6B | 0,60             | 606     | 132             | IE2                           |
|                                            | 0,13                        | 11087                        | 7233,00      | 83155                                                     | 1,2                   | NR876-2E71M/6B |                  | 621     |                 |                               |
|                                            | 0,15                        | 9686                         | 6313,78      | 89283                                                     | 1,3                   |                |                  |         |                 |                               |
|                                            | 0,17                        | 8551                         | 5569,66      | 93713                                                     | 1,5                   |                |                  |         |                 |                               |
|                                            | 0,19                        | 7612                         | 4954,95      | 96997                                                     | 1,7                   |                |                  |         |                 |                               |
|                                            | 0,21                        | 6822                         | 4438,59      | 99684                                                     | 1,9                   |                |                  |         |                 |                               |
|                                            | 0,24                        | 5992                         | 3892,30      | 102261                                                    | 2,2                   |                |                  |         |                 |                               |
|                                            | 0,27                        | 5305                         | 3441,02      | 104265                                                    | 2,5                   |                |                  |         |                 |                               |
|                                            | 0,32                        | 4471                         | 2894,28      | 106552                                                    | 2,9                   |                |                  |         |                 |                               |
|                                            | 0,37                        | 3809                         | 2460,65      | 108262                                                    | 3,4                   |                |                  |         |                 |                               |
| 0,15<br>0,17                               | 0,15                        | 9130                         | 5949,83      | 44490                                                     | 0,9                   | MR776-2E71M/6B | 0,60             | 259     | 129             | IE2                           |
|                                            | 0,17                        | 8083                         | 5260,00      | 48911                                                     | 1,0                   | NR776-2E71M/6B |                  | 321     |                 |                               |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                 | IE3 Çıkış Devri          | IE3 Çıkış Momenti         | Çevrim Oranı | IE3 Güv. Rad. Yük Çıkış Per. O. Loads (Output) | IE3 Servis Faktörü | Tipi           | Anma Akımı    | Ağırlık | Ölçü Sayfası | Motor Verim Snf.       |
|---------------------|--------------------------|---------------------------|--------------|------------------------------------------------|--------------------|----------------|---------------|---------|--------------|------------------------|
| Power               | Output Speeds            | Output Torque             | Ratio        |                                                | Service Factors    | Type           | Rated Current | Weight  | Dim. Page    | Motor Eff. Class       |
| Leistung            | Abtriebswelle Drehzahlen | Abtriebswelle Drehmomente | Übersetzung  | Zul.Querkräfte (Abtrieb)                       | Betriebsfaktor     | Typ            | Nennstrom     | Gewicht | Maße Seite   | Motor Effizienz-klasse |
| P <sub>g</sub> [kW] | n <sub>2</sub> [r.p.m]   | M <sub>2</sub> [Nm]       | i            | F <sub>qam</sub> [N]                           | f <sub>s</sub>     |                | [A]           | [kg]    |              |                        |
| 0,18                | 0,19                     | 7564                      | 4812,09      | 50862                                          | 1,1                | MR775-2E71M/6B | 0,60          | 256     | 129          | IE2                    |
| 0,25                | 0,22                     | 6701                      | 4263,81      | 53816                                          | 1,2                | NR775-2E71M/6B |               | 316     |              |                        |
|                     | 0,24                     | 5999                      | 3814,39      | 55991                                          | 1,3                |                |               |         |              |                        |
|                     | 0,30                     | 4895                      | 3103,85      | 59051                                          | 1,6                |                |               |         |              |                        |
|                     | 0,34                     | 4225                      | 2684,10      | 60717                                          | 1,9                |                |               |         |              |                        |
|                     | 0,40                     | 3662                      | 2324,10      | 62017                                          | 2,2                |                |               |         |              |                        |
|                     | 0,45                     | 3206                      | 2032,66      | 62935                                          | 2,5                |                |               |         |              |                        |
|                     | 0,51                     | 2828                      | 1791,91      | 63725                                          | 2,8                |                |               |         |              |                        |
|                     | 0,58                     | 2511                      | 1589,68      | 64362                                          | 3,2                |                |               |         |              |                        |
|                     | 0,65                     | 2240                      | 1417,41      | 64885                                          | 3,6                |                |               |         |              |                        |
|                     | 0,73                     | 1983                      | 1252,60      | 65684                                          | 4,0                |                |               |         |              |                        |
|                     | 0,32                     | 4425                      | 2863,86      | 25882                                          | 1,0                | MR676-2E71M/6B | 0,60          | 239     | 126          | IE2                    |
|                     |                          |                           |              |                                                |                    | NR676-2E71M/6B |               | 248     |              |                        |
|                     | 0,36                     | 4069                      | 2578,93      | 27987                                          | 1,1                | MR675-2E71M/6B | 0,60          | 229     | 126          | IE2                    |
|                     | 0,42                     | 3460                      | 2196,86      | 30945                                          | 1,2                | NR675-2E71M/6B |               | 243     |              |                        |
|                     | 0,49                     | 2977                      | 1888,53      | 32984                                          | 1,4                |                |               |         |              |                        |
|                     | 0,56                     | 2586                      | 1638,93      | 34461                                          | 1,7                |                |               |         |              |                        |
|                     | 0,64                     | 2262                      | 1432,74      | 35578                                          | 1,9                |                |               |         |              |                        |
|                     | 0,73                     | 1990                      | 1259,54      | 36451                                          | 2,2                |                |               |         |              |                        |
|                     | 0,83                     | 1762                      | 1113,08      | 37141                                          | 2,4                |                |               |         |              |                        |
|                     | 0,92                     | 1577                      | 995,91       | 37624                                          | 2,7                |                |               |         |              |                        |
|                     | 1,1                      | 1387                      | 874,56       | 38151                                          | 3,1                |                |               |         |              |                        |
|                     | 1,3                      | 1161                      | 730,46       | 38748                                          | 3,7                |                |               |         |              |                        |
|                     | 0,49                     | 2889                      | 2850,22      | 19665                                          | 1,0                | MR576-2E63M/4C | 0,56          | 160     | 123          | IE2                    |
|                     |                          |                           |              |                                                |                    | NR576-2E63M/4C |               | 153     |              |                        |
|                     | 0,51                     | 2828                      | 2736,94      | 20068                                          | 1,1                | MR575-2E63M/4C | 0,56          | 152     | 123          | IE2                    |
|                     | 0,61                     | 2392                      | 2313,18      | 22617                                          | 1,3                | NR575-2E63M/4C |               | 148     |              |                        |
|                     | 0,74                     | 1961                      | 1897,20      | 24715                                          | 1,5                |                |               |         |              |                        |
|                     | 0,84                     | 1733                      | 1675,43      | 25689                                          | 1,7                |                |               |         |              |                        |
|                     | 0,94                     | 1541                      | 1489,14      | 26424                                          | 1,9                |                |               |         |              |                        |
|                     | 1,1                      | 1305                      | 1259,61      | 27307                                          | 2,3                |                |               |         |              |                        |
|                     | 1,2                      | 1184                      | 1140,65      | 27718                                          | 2,5                |                |               |         |              |                        |
|                     | 1,6                      | 933                       | 574,90       | 28639                                          | 3,2                | MR574-2E71M/6B | 0,60          | 136     | 122          | IE2                    |
|                     | 1,9                      | 790                       | 485,89       | 29040                                          | 3,8                | NR574-2E71M/6B |               | 134     |              |                        |
|                     | 2,3                      | 655                       | 402,12       | 30397                                          | 4,0                |                |               |         |              |                        |
|                     | 0,81                     | 1804                      | 1738,98      | 9150                                           | 0,9                | MR475-2E63M/4C | 0,56          | 111     | 120          | IE2                    |
|                     | 0,86                     | 1693                      | 1631,08      | 11836                                          | 0,9                | NR475-2E63M/4C |               | 115     |              |                        |
|                     | 1,0                      | 1441                      | 1386,75      | 16156                                          | 1,1                |                |               |         |              |                        |
|                     | 1,1                      | 1339                      | 1285,79      | 17525                                          | 1,2                |                |               |         |              |                        |
|                     | 1,2                      | 1253                      | 1204,49      | 18560                                          | 1,2                |                |               |         |              |                        |
|                     | 1,4                      | 1095                      | 674,46       | 20840                                          | 1,4                | MR474-2E71M/6B | 0,60          | 95      | 119          | IE2                    |
|                     | 1,5                      | 979                       | 603,46       | 21841                                          | 1,6                | NR474-2E71M/6B |               | 99      |              |                        |
|                     | 1,7                      | 861                       | 529,93       | 22771                                          | 1,8                |                |               |         |              |                        |
|                     | 2,1                      | 720                       | 442,61       | 23780                                          | 2,2                |                |               |         |              |                        |
|                     | 2,2                      | 681                       | 418,16       | 24045                                          | 2,3                |                |               |         |              |                        |
|                     | 2,7                      | 565                       | 346,07       | 24743                                          | 2,7                |                |               |         |              |                        |
|                     | 3,1                      | 483                       | 295,98       | 25231                                          | 3,2                |                |               |         |              |                        |





## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış                       | IE3<br>Servis Faktörü            | Tipi           | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|----------------|------------------|----------------------|-----------------|-------------------------------|
| Power<br>Output<br>Speeds                              | Output<br>Torque                                      | Output<br>Torque                                    | Ratio            | Per.O. Loads<br>(Output)                            | Service<br>Factors               | Type           | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ            | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 0,18<br>0,25                                           | 1,4                                                   | 1022                                                | 987,33           | 6178                                                | 0,8                              | MR375-3E63M/4C | 0,56             | 76                   | 117             | IE2                           |
|                                                        | 1,7                                                   | 877                                                 | 845,97           | 10009                                               | 0,9                              | NR375-3E63M/4C |                  | 81                   |                 |                               |
|                                                        | 1,8                                                   | 848                                                 | 524,07           | 11377                                               | 1,0                              | MR374-2E71M/6B | 0,60             | 59                   | 116             | IE2                           |
|                                                        | 2,2                                                   | 683                                                 | 421,85           | 13699                                               | 1,2                              | NR374-2E71M/6B |                  | 62                   |                 |                               |
|                                                        | 2,5                                                   | 600                                                 | 369,93           | 14655                                               | 1,4                              |                |                  |                      |                 |                               |
|                                                        | 2,7                                                   | 558                                                 | 524,07           | 14771                                               | 1,5                              | MR374-3E63M/4C | 0,56             | 55                   | 116             | IE2                           |
|                                                        | 3,3                                                   | 449                                                 | 421,85           | 15919                                               | 1,8                              | NR374-3E63M/4C |                  | 58                   |                 |                               |
|                                                        | 3,8                                                   | 394                                                 | 369,93           | 16379                                               | 2,1                              |                |                  |                      |                 |                               |
|                                                        | 5,8                                                   | 274                                                 | 157,76           | 16454                                               | 3,0                              | MR373-2E71M/6B | 0,60             | 55                   | 115             | IE2                           |
|                                                        | 6,6                                                   | 241                                                 | 138,72           | 15843                                               | 3,4                              | NR373-2E71M/6B |                  | 58                   |                 |                               |
|                                                        | 2,1                                                   | 699                                                 | 431,18           | 7218                                                | 0,9                              | MR284-2E71M/6B | 0,60             | 63                   | 113             | IE2                           |
|                                                        | 2,5                                                   | 598                                                 | 368,77           | 9393                                                | 1,0                              | NR284-2E71M/6B |                  | 66                   |                 |                               |
|                                                        | 2,8                                                   | 525                                                 | 323,39           | 10665                                               | 1,1                              |                |                  |                      |                 |                               |
|                                                        | 3,2                                                   | 459                                                 | 431,18           | 11227                                               | 1,3                              | MR284-2E63M/4C | 0,56             | 60                   | 113             | IE2                           |
|                                                        | 3,8                                                   | 393                                                 | 368,77           | 12144                                               | 1,5                              | NR284-2E63M/4C |                  | 63                   |                 |                               |
|                                                        | 4,3                                                   | 345                                                 | 323,39           | 12730                                               | 1,7                              |                |                  |                      |                 |                               |
|                                                        | 4,9                                                   | 305                                                 | 285,89           | 13180                                               | 2,0                              |                |                  |                      |                 |                               |
|                                                        | 5,8                                                   | 257                                                 | 240,47           | 13658                                               | 2,3                              |                |                  |                      |                 |                               |
|                                                        | 6,7                                                   | 238                                                 | 137,91           | 13106                                               | 2,5                              | MR283-2E71M/6B | 0,60             | 41                   | 112             | IE2                           |
|                                                        | 8,1                                                   | 198                                                 | 114,14           | 12414                                               | 3,0                              | NR283-2E71M/6B |                  | 43                   |                 |                               |
| 2,8                                                    | 519                                                   | 499,32                                              | 5982             | 0,9                                                 | MR275-2E63M/4C                   | 0,56           | 41               | 111                  | IE2             |                               |
| 3,3                                                    | 435                                                   | 418,57                                              | 6713             | 1,0                                                 | NR275-2E63M/4C                   |                | 43               |                      |                 |                               |
| 3,9                                                    | 373                                                   | 358,33                                              | 7169             | 1,2                                                 |                                  |                |                  |                      |                 |                               |
| 4,2                                                    | 347                                                   | 332,52                                              | 7346             | 1,3                                                 |                                  |                |                  |                      |                 |                               |
| 5,6                                                    | 263                                                   | 252,20                                              | 7844             | 1,7                                                 |                                  |                |                  |                      |                 |                               |
| 6,6                                                    | 241                                                   | 138,55                                              | 8024             | 1,9                                                 | MR273-2E71M/6B                   | 0,60           | 31               | 110                  | IE2             |                               |
| 7,6                                                    | 211                                                   | 121,03                                              | 8154             | 2,1                                                 | NR273-2E71M/6B                   |                | 33               |                      |                 |                               |
| 8,1                                                    | 198                                                   | 113,52                                              | 8212             | 2,3                                                 |                                  |                |                  |                      |                 |                               |
| 9,5                                                    | 168                                                   | 96,52                                               | 8339             | 2,7                                                 |                                  |                |                  |                      |                 |                               |
| 10                                                     | 157                                                   | 138,55                                              | 8352             | 2,8                                                 | MR273-2E63M/4C                   | 0,56           | 28               | 110                  | IE2             |                               |
| 12                                                     | 138                                                   | 121,03                                              | 8436             | 3,3                                                 | NR273-2E63M/4C                   |                | 30               |                      |                 |                               |
| 12                                                     | 129                                                   | 113,52                                              | 8470             | 3,5                                                 |                                  |                |                  |                      |                 |                               |
| 14                                                     | 119                                                   | 68,03                                               | 8475             | 2,4                                                 | MR203-2E71M/6B                   | 0,60           | 29               | 109                  | IE2             |                               |
| 15                                                     | 104                                                   | 59,43                                               | 8504             | 2,7                                                 | NR203-2E71M/6B                   |                | 31               |                      |                 |                               |
| 17                                                     | 97                                                    | 55,74                                               | 8346             | 2,9                                                 |                                  |                |                  |                      |                 |                               |
| 21                                                     | 78                                                    | 68,03                                               | 7944             | 3,6                                                 | MR203-2E63M/4C                   | 0,56           | 27               | 109                  | IE2             |                               |
|                                                        |                                                       |                                                     |                  |                                                     | NR203-2E63M/4C                   |                | 29               |                      |                 |                               |





## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış                       | IE3<br>Servis Faktörü            | Tipi           | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|----------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio            | Per.O. Loads<br>(Output)                            | Service<br>Factors               | Type           | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ            | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 0,18<br>0,25                                           | 9,3                                                   | 172                                                 | 99,21            | 5822                                                | 1,2                              | MR173-2E71M/6B | 0,60             | 17                   | 109             | IE2                           |
|                                                        | 11                                                    | 152                                                 | 87,60            | 5895                                                | 1,3                              | NR173-2E71M/6B |                  | 19                   |                 |                               |
|                                                        | 11                                                    | 142                                                 | 81,82            | 5801                                                | 1,4                              |                |                  |                      |                 |                               |
|                                                        | 13                                                    | 120                                                 | 69,16            | 5568                                                | 1,7                              |                |                  |                      |                 |                               |
|                                                        | 14                                                    | 113                                                 | 99,21            | 5561                                                | 1,8                              | MR173-2E63M/4C | 0,56             | 13                   | 109             | IE2                           |
|                                                        | 16                                                    | 100                                                 | 87,60            | 5389                                                | 2,0                              | NR173-2E63M/4C |                  | 15                   |                 |                               |
|                                                        | 17                                                    | 93                                                  | 81,82            | 5294                                                | 2,1                              |                |                  |                      |                 |                               |
|                                                        | 20                                                    | 79                                                  | 69,16            | 5063                                                | 2,5                              |                |                  |                      |                 |                               |
|                                                        | 24                                                    | 66                                                  | 57,76            | 4820                                                | 3,0                              |                |                  |                      |                 |                               |
|                                                        | 28                                                    | 57                                                  | 49,81            | 4624                                                | 3,5                              |                |                  |                      |                 |                               |
|                                                        |                                                       |                                                     |                  |                                                     |                                  |                |                  |                      |                 |                               |
|                                                        | 18                                                    | 88                                                  | 50,51            | 3512                                                | 1,6                              | MR103-2E71M/6B | 0,60             | 16                   | 107             | IE2                           |
|                                                        | 21                                                    | 78                                                  | 44,60            | 3411                                                | 1,8                              | NR103-2E71M/6B |                  | 18                   |                 |                               |
|                                                        | 22                                                    | 73                                                  | 41,66            | 3355                                                | 1,9                              |                |                  |                      |                 |                               |
|                                                        | 28                                                    | 58                                                  | 50,51            | 3213                                                | 2,4                              | MR103-2E63M/4C | 0,56             | 16                   | 107             | IE2                           |
|                                                        | 31                                                    | 51                                                  | 44,60            | 3112                                                | 2,7                              | NR103-2E63M/4C |                  | 18                   |                 |                               |
|                                                        | 34                                                    |                                                     | 41,66            | 3056                                                | 2,9                              |                |                  |                      |                 |                               |
|                                                        | 40                                                    | 40                                                  | 35,21            | 2921                                                | 3,5                              |                |                  |                      |                 |                               |
|                                                        | 20                                                    | 78                                                  | 45,18            | 2530                                                | 1,0                              | MR003-2E71M/6B | 0,60             | 15                   | 106             | IE2                           |
|                                                        | 23                                                    | 70                                                  | 40,04            | 2603                                                | 1,2                              | NR003-2E71M/6B |                  | 16                   |                 |                               |
|                                                        | 29                                                    | 56                                                  |                  | 2707                                                | 1,5                              |                |                  |                      |                 |                               |
|                                                        | 31                                                    | 51                                                  | 45,18            | 2717                                                | 1,6                              | MR003-3E63M/4C | 0,56             | 13                   | 106             | IE2                           |
|                                                        | 35                                                    | 46                                                  | 40,04            | 2757                                                | 1,8                              | NR003-3E63M/4C |                  | 14                   |                 |                               |
|                                                        | 44                                                    | 36                                                  | 32,02            | 2818                                                | 2,2                              |                |                  |                      |                 |                               |
|                                                        | 49                                                    | 32                                                  | 28,38            | 2840                                                | 2,5                              |                |                  |                      |                 |                               |
|                                                        | 58                                                    | 28                                                  | 24,13            | 2733                                                | 3,0                              |                |                  |                      |                 |                               |
|                                                        | 66                                                    | 24                                                  | 21,26            | 2664                                                | 3,4                              |                |                  |                      |                 |                               |
|                                                        | 68                                                    | 24                                                  | 20,66            | 2672                                                | 3,5                              |                |                  |                      |                 |                               |
|                                                        | 73                                                    | 22                                                  | 19,17            | 2628                                                | 3,7                              |                |                  |                      |                 |                               |
|                                                        | 77                                                    | 21                                                  | 18,20            | 2584                                                | 3,9                              |                |                  |                      |                 |                               |
|                                                        | 83                                                    | 19                                                  | 16,89            | 2516                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 95                                                    | 17                                                  | 14,67            | 2398                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 103                                                   | 16                                                  | 13,61            | 2336                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        |                                                       |                                                     |                  |                                                     |                                  |                |                  |                      |                 |                               |
|                                                        | 126                                                   | 13                                                  | 11,14            | 2197                                                | 4,0                              | MR002-2E63M/4C | 0,56             | 12                   | 106             | IE2                           |
|                                                        | 142                                                   | 11                                                  | 9,87             | 2105                                                | 4,0                              | NR002-2E63M/4C |                  | 13                   |                 |                               |
|                                                        | 161                                                   | 10                                                  | 8,70             | 2014                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 166                                                   | 9,8                                                 | 8,45             | 1992                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 179                                                   | 9,1                                                 | 7,84             | 1940                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 188                                                   | 8,6                                                 | 7,45             | 1907                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 203                                                   | 8,0                                                 | 6,91             | 1857                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 233                                                   | 7,0                                                 | 6,00             | 1770                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 251                                                   | 6,5                                                 | 5,57             | 1724                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 307                                                   | 5,3                                                 | 4,56             | 1612                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 359                                                   | 4,5                                                 | 3,90             | 1527                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 387                                                   | 4,2                                                 | 3,62             | 1488                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        |                                                       |                                                     |                  |                                                     |                                  |                |                  |                      |                 |                               |
|                                                        |                                                       |                                                     |                  |                                                     |                                  |                |                  |                      |                 |                               |
|                                                        | 405                                                   | 4,0                                                 | 6,91             | 1433                                                | 4,0                              | MR002-2E63M/2A | 0,50             | 12                   | 106             | IE2                           |
|                                                        | 467                                                   | 3,4                                                 | 6,00             | 1366                                                | 4,0                              | NR002-2E63M/2A |                  | 13                   |                 |                               |
|                                                        | 503                                                   | 3,2                                                 | 5,57             | 1332                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 615                                                   | 2,6                                                 | 4,56             | 1245                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 718                                                   | 2,2                                                 | 3,90             | 1181                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 774                                                   | 2,1                                                 | 3,62             | 1151                                                | 4,0                              |                |                  |                      |                 |                               |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü | Tipi           | Anma<br>Akımı    | Ağırlık | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------|-----------------------------|------------------------------|--------------|-----------------------------------------------------------|-----------------------|----------------|------------------|---------|-----------------|-------------------------------|
| Power                                      | Output<br>Speeds            | Output<br>Torque             | Ratio        |                                                           | Service<br>Factors    | Type           | Rated<br>Current | Weight  | Dim. Page       | Motor<br>Eff. Class           |
| Leistung                                   | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Übersetzung  | Zul.Querkräfte<br>(Abtrieb)                               | Betriebsfaktor        | Typ            | Nennstrom        | Gewicht | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]      | M <sub>2</sub> [Nm]          | i            | F <sub>qam</sub> [N]                                      | f <sub>s</sub>        |                | [A]              | [kg]    |                 |                               |
| 0,25<br>0,34                               | 0,12                        | 16065                        | 11443,34     | 50996                                                     | 0,8                   | MR876-2E71M/4B | 0,71             | 611     | 132             | IE2                           |
|                                            | 0,17                        | 11735                        | 8345,18      | 79805                                                     | 1,1                   | NR876-2E71M/4B |                  | 626     |                 |                               |
|                                            | 0,20                        | 10151                        | 7233,00      | 87174                                                     | 1,3                   |                |                  |         |                 |                               |
|                                            | 0,23                        | 8869                         | 6313,78      | 92433                                                     | 1,5                   |                |                  |         |                 |                               |
|                                            | 0,26                        | 7829                         | 5569,66      | 96350                                                     | 1,7                   |                |                  |         |                 |                               |
|                                            | 0,29                        | 6969                         | 4954,95      | 99123                                                     | 1,9                   |                |                  |         |                 |                               |
|                                            | 0,32                        | 6246                         | 4438,59      | 101418                                                    | 2,1                   |                |                  |         |                 |                               |
|                                            | 0,37                        | 5486                         | 3892,30      | 103687                                                    | 2,4                   |                |                  |         |                 |                               |
|                                            | 0,41                        | 4857                         | 3441,02      | 105462                                                    | 2,7                   |                |                  |         |                 |                               |
|                                            | 0,49                        | 4094                         | 2894,28      | 107497                                                    | 3,2                   |                |                  |         |                 |                               |
|                                            | 0,58                        | 3487                         | 2460,65      | 109026                                                    | 3,7                   |                |                  |         |                 |                               |
|                                            | 0,68                        | 2993                         | 2108,33      | 112703                                                    | 4,0                   |                |                  |         |                 |                               |
|                                            | 0,24                        | 8359                         | 5949,83      | 47686                                                     | 1,0                   | MR776-2E71M/4B | 0,71             | 259     | 129             | IE2                           |
|                                            | 0,27                        | 7401                         | 5260,00      | 51346                                                     | 1,1                   | NR776-2E71M/4B |                  | 321     |                 |                               |
|                                            | 0,30                        | 6925                         | 4812,09      | 52918                                                     | 1,2                   | MR775-2E71M/4B | 0,71             | 258     | 129             | IE2                           |
|                                            | 0,33                        | 6136                         | 4263,81      | 55512                                                     | 1,3                   | NR775-2E71M/4B |                  | 317     |                 |                               |
|                                            | 0,37                        | 5493                         | 3814,39      | 57388                                                     | 1,5                   |                |                  |         |                 |                               |
|                                            | 0,46                        | 4482                         | 3103,85      | 59975                                                     | 1,8                   |                |                  |         |                 |                               |
|                                            | 0,53                        | 3869                         | 2684,10      | 61455                                                     | 2,1                   |                |                  |         |                 |                               |
|                                            | 0,61                        | 3353                         | 2324,10      | 62616                                                     | 2,4                   |                |                  |         |                 |                               |
|                                            | 0,70                        | 2935                         | 2032,66      | 63505                                                     | 2,7                   |                |                  |         |                 |                               |
|                                            | 0,80                        | 2589                         | 1791,91      | 64207                                                     | 3,1                   |                |                  |         |                 |                               |
|                                            | 0,90                        | 2299                         | 1589,68      | 64804                                                     | 3,5                   |                |                  |         |                 |                               |
|                                            | 1,0                         | 2051                         | 1417,41      | 65267                                                     | 3,9                   |                |                  |         |                 |                               |
|                                            | 1,1                         | 1816                         | 1252,60      | 67039                                                     | 4,0                   |                |                  |         |                 |                               |
|                                            | 0,43                        | 4720                         | 3342,43      | 23925                                                     | 0,9                   | MR676-2E71M/4B | 0,71             | 231     | 126             | IE2                           |
|                                            | 0,50                        | 4052                         | 2863,86      | 27958                                                     | 1,1                   | NR676-2E71M/4B |                  | 243     |                 |                               |
|                                            | 0,55                        | 3725                         | 2578,93      | 29635                                                     | 1,2                   | MR675-2E71M/4B | 0,71             | 229     | 126             | IE2                           |
|                                            | 0,65                        | 3167                         | 2196,86      | 32126                                                     | 1,4                   | NR675-2E71M/4B |                  | 244     |                 |                               |
|                                            | 0,75                        | 2726                         | 1888,53      | 33910                                                     | 1,6                   |                |                  |         |                 |                               |
|                                            | 0,87                        | 2367                         | 1638,93      | 35136                                                     | 1,8                   |                |                  |         |                 |                               |
|                                            | 1,0                         | 2071                         | 1432,74      | 36125                                                     | 2,1                   |                |                  |         |                 |                               |
|                                            | 1,1                         | 1822                         | 1259,54      | 36903                                                     | 2,4                   |                |                  |         |                 |                               |
|                                            | 1,3                         | 1613                         | 1113,08      | 37520                                                     | 2,7                   |                |                  |         |                 |                               |
|                                            | 1,4                         | 1444                         | 995,91       | 37997                                                     | 3,0                   |                |                  |         |                 |                               |
|                                            | 1,6                         | 1270                         | 874,56       | 38465                                                     | 3,4                   |                |                  |         |                 |                               |
|                                            | 2,0                         | 1063                         | 730,46       | 39205                                                     | 4,0                   |                |                  |         |                 |                               |
|                                            | 0,75                        | 2732                         | 1897,20      | 21484                                                     | 1,1                   | MR575-2E71M/4B | 0,71             | 152     | 123             | IE2                           |
|                                            | 0,85                        | 2415                         | 1675,43      | 23125                                                     | 1,2                   | NR575-2E71M/4B |                  | 148     |                 |                               |
|                                            | 0,96                        | 2147                         | 1489,14      | 24354                                                     | 1,4                   |                |                  |         |                 |                               |
|                                            | 1,1                         | 1818                         | 1259,61      | 25710                                                     | 1,7                   |                |                  |         |                 |                               |
|                                            | 1,2                         | 1650                         | 1140,65      | 26299                                                     | 1,8                   |                |                  |         |                 |                               |
|                                            | 1,6                         | 1323                         | 574,90       | 27486                                                     | 2,3                   | MR574-2E71M/6C | 0,78             | 138     | 122             | IE2                           |
|                                            | 1,9                         | 1120                         | 485,89       | 28085                                                     | 2,7                   | NR574-2E71M/6C |                  | 134     |                 |                               |
|                                            | 2,3                         | 929                          | 402,12       | 28650                                                     | 3,2                   |                |                  |         |                 |                               |
|                                            | 2,5                         | 854                          | 574,90       | 28862                                                     | 3,5                   | MR574-2E71M/4C | 0,71             | 134     | 122             | IE2                           |
|                                            | 2,9                         | 723                          | 485,89       | 29566                                                     | 4,0                   | NR574-2E71M/4C |                  | 130     |                 |                               |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü            | Tipi           | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------------|----------------------------------|----------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio            |                                                           | Service<br>Factors               | Type           | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]       | Betriebsfaktor<br>f <sub>s</sub> | Typ            | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 0,25<br>0,34                                           | 1,1                                                   | 1865                                                | 1285,79          | 9956                                                      | 0,8                              | MR475-2E71M/4B | 0,71             | 101                  | 120             | IE2                           |
|                                                        | 1,2                                                   | 1746                                                | 1204,49          | 12492                                                     | 0,9                              | NR475-2E71M/4B |                  | 106                  |                 |                               |
|                                                        | 1,4                                                   | 1553                                                | 674,46           | 15720                                                     | 1,0                              | MR474-2E71M/6C | 0,78             | 96                   | 119             | IE2                           |
|                                                        | 1,5                                                   | 1388                                                | 603,46           | 17825                                                     | 1,1                              | NR474-2E71M/6C |                  | 101                  |                 |                               |
|                                                        | 1,7                                                   | 1221                                                | 529,93           | 19641                                                     | 1,3                              |                |                  |                      |                 |                               |
|                                                        | 2,1                                                   | 1021                                                | 442,61           | 21487                                                     | 1,5                              |                |                  |                      |                 |                               |
|                                                        | 2,1                                                   | 1003                                                | 674,46           | 21612                                                     | 1,5                              | MR474-2E71M/4B | 0,71             | 96                   | 119             | IE2                           |
|                                                        | 2,4                                                   | 896                                                 | 603,46           | 22474                                                     | 1,7                              | NR474-2E71M/4B |                  | 101                  |                 |                               |
|                                                        | 2,7                                                   | 788                                                 | 529,93           | 23243                                                     | 2,0                              |                |                  |                      |                 |                               |
|                                                        | 3,2                                                   | 659                                                 | 442,61           | 24138                                                     | 2,4                              |                |                  |                      |                 |                               |
|                                                        | 3,4                                                   | 623                                                 | 418,16           | 24374                                                     | 2,5                              |                |                  |                      |                 |                               |
|                                                        | 4,1                                                   | 517                                                 | 346,07           | 25032                                                     | 3,0                              |                |                  |                      |                 |                               |
|                                                        |                                                       |                                                     |                  |                                                           |                                  |                |                  |                      |                 |                               |
|                                                        | 2,2                                                   | 969                                                 | 421,85           | 9124                                                      | 0,8                              | MR374-2E71M/6C | 0,78             | 59                   | 116             | IE2                           |
|                                                        | 2,5                                                   | 850                                                 | 369,93           | 11344                                                     | 1,0                              | NR374-2E71M/6C |                  | 64                   |                 |                               |
|                                                        | 2,7                                                   | 777                                                 | 524,07           | 12424                                                     | 1,1                              | MR374-2E71M/4B | 0,71             | 59                   | 116             | IE2                           |
|                                                        | 3,4                                                   | 625                                                 | 421,85           | 14316                                                     | 1,3                              | NR374-2E71M/4B |                  | 64                   |                 |                               |
|                                                        | 3,9                                                   | 549                                                 | 369,93           | 15160                                                     | 1,5                              |                |                  |                      |                 |                               |
|                                                        | 4,4                                                   | 486                                                 | 327,04           | 15771                                                     | 1,7                              |                |                  |                      |                 |                               |
|                                                        | 5,2                                                   | 409                                                 | 275,08           | 16422                                                     | 2,0                              |                |                  |                      |                 |                               |
|                                                        | 5,8                                                   | 382                                                 | 157,76           | 16059                                                     | 2,1                              | MR373-2E71M/6C | 0,78             | 59                   | 115             | IE2                           |
|                                                        | 6,6                                                   | 336                                                 | 138,72           | 15496                                                     | 2,4                              | NR373-2E71M/6C |                  | 64                   |                 |                               |
|                                                        | 8,2                                                   | 270                                                 | 111,67           | 14570                                                     | 3,0                              |                |                  |                      |                 |                               |
|                                                        | 9,0                                                   | 246                                                 | 157,76           | 14203                                                     | 3,4                              | MR373-2E71M/4B | 0,71             | 53                   | 115             | IE2                           |
|                                                        |                                                       |                                                     |                  |                                                           |                                  | NR373-2E71M/4B |                  | 58                   |                 |                               |
|                                                        | 2,5                                                   | 848                                                 | 368,77           | -                                                         | 0,7                              | MR284-2E71M/6C | 0,78             | 63                   | 113             | IE2                           |
|                                                        | 2,8                                                   | 744                                                 | 323,39           | 5902                                                      | 0,8                              | NR284-2E71M/6C |                  | 65                   |                 |                               |
|                                                        | 3,3                                                   | 640                                                 | 431,18           | 8530                                                      | 0,9                              | MR284-2E71M/4B | 0,71             | 63                   | 113             | IE2                           |
|                                                        | 3,9                                                   | 547                                                 | 368,77           | 10258                                                     | 1,1                              | NR284-2E71M/4B |                  | 65                   |                 |                               |
|                                                        | 4,4                                                   | 480                                                 | 323,39           | 11268                                                     | 1,2                              |                |                  |                      |                 |                               |
|                                                        | 5,0                                                   | 425                                                 | 285,89           | 11998                                                     | 1,4                              |                |                  |                      |                 |                               |
|                                                        | 5,9                                                   | 358                                                 | 240,47           | 12782                                                     | 1,7                              |                |                  |                      |                 |                               |
|                                                        | 6,7                                                   | 330                                                 | 137,91           | 12726                                                     | 1,8                              | MR283-2E71M/6C | 0,78             | 31                   | 112             | IE2                           |
|                                                        | 8,1                                                   | 275                                                 | 114,14           | 12099                                                     | 2,2                              | NR283-2E71M/6C |                  | 33                   |                 |                               |
|                                                        | 9,4                                                   | 235                                                 | 97,62            | 11590                                                     | 2,6                              |                |                  |                      |                 |                               |





## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü            | Tipi           | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------------|----------------------------------|----------------|------------------|----------------------|-----------------|-------------------------------|
| Power<br>Output<br>Speeds                              |                                                       | Output<br>Torque                                    | Ratio            |                                                           | Service<br>Factors               | Type           | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]       | Betriebsfaktor<br>f <sub>s</sub> | Typ            | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 0,25<br>0,34                                           | 10                                                    | 213                                                 | 137,91           | 11308                                                     | 2,8                              | MR283-2E71M/4B | 0,71             | 31                   | 112             | IE2                           |
|                                                        | 12                                                    | 177                                                 | 114,14           | 10715                                                     | 3,4                              | NR283-2E71M/4B |                  | 33                   |                 |                               |
|                                                        | 4,0                                                   | 520                                                 | 358,33           | 6211                                                      | 0,9                              | MR275-2E71M/4B | 0,71             | 46                   | 111             | IE2                           |
|                                                        | 4,3                                                   | 483                                                 | 332,52           | 6518                                                      | 0,9                              | NR275-2E71M/4B |                  | 48                   |                 |                               |
|                                                        | 5,7                                                   | 366                                                 | 252,20           | 7338                                                      | 1,2                              |                |                  |                      |                 |                               |
|                                                        | 6,6                                                   | 335                                                 | 138,55           | 7529                                                      | 1,3                              | MR273-2E71M/6C | 0,78             | 31                   | 110             | IE2                           |
|                                                        | 7,6                                                   | 293                                                 | 121,03           | 7762                                                      | 1,5                              | NR273-2E71M/6C |                  | 33                   |                 |                               |
|                                                        | 8,1                                                   | 275                                                 | 113,52           | 7855                                                      | 1,6                              |                |                  |                      |                 |                               |
|                                                        | 9,5                                                   | 234                                                 | 96,52            | 8057                                                      | 1,9                              |                |                  |                      |                 |                               |
|                                                        | 10                                                    | 216                                                 | 138,55           | 8128                                                      | 2,1                              | MR273-2E71M/4B | 0,71             | 31                   | 110             | IE2                           |
|                                                        | 12                                                    | 189                                                 | 121,03           | 8249                                                      | 2,4                              | NR273-2E71M/4B |                  | 33                   |                 |                               |
|                                                        | 13                                                    | 178                                                 | 113,52           | 8299                                                      | 2,5                              |                |                  |                      |                 |                               |
|                                                        | 15                                                    | 151                                                 | 96,52            | 8413                                                      | 3,0                              |                |                  |                      |                 |                               |
|                                                        | 17                                                    | 131                                                 | 83,83            | 8486                                                      | 3,4                              |                |                  |                      |                 |                               |
|                                                        | 14                                                    | 165                                                 | 68,03            | 8313                                                      | 1,7                              | MR203-2E71M/6C | 0,78             | 29                   | 109             | IE2                           |
|                                                        | 15                                                    | 144                                                 | 59,43            | 8306                                                      | 1,9                              | NR203-2E71M/6C |                  | 31                   |                 |                               |
|                                                        | 17                                                    | 136                                                 | 55,74            | 8159                                                      | 2,1                              |                |                  |                      |                 |                               |
|                                                        | 21                                                    | 107                                                 | 68,03            | 7635                                                      | 2,6                              | MR203-2E71M/4B | 0,71             | 29                   | 109             | IE2                           |
|                                                        | 24                                                    | 93                                                  | 59,43            | 7342                                                      | 3,0                              | NR203-2E71M/4B |                  | 31                   |                 |                               |
|                                                        | 26                                                    | 87                                                  | 55,74            | 7206                                                      | 3,2                              |                |                  |                      |                 |                               |
|                                                        | 30                                                    | 74                                                  | 47,39            | 6868                                                      | 3,8                              |                |                  |                      |                 |                               |
|                                                        | 9,3                                                   | 240                                                 | 99,21            | 5448                                                      | 0,8                              | MR173-2E71M/6C | 0,78             | 18                   | 109             | IE2                           |
|                                                        | 11                                                    | 212                                                 | 87,60            | 5550                                                      | 0,9                              | NR173-2E71M/6C |                  | 20                   |                 |                               |
|                                                        | 14                                                    | 155                                                 | 99,21            | 5213                                                      | 1,3                              | MR173-2E71M/4B | 0,71             | 19                   | 108             | IE2                           |
|                                                        | 16                                                    | 137                                                 | 87,60            | 5070                                                      | 1,5                              | NR173-2E71M/4B |                  | 20                   |                 |                               |
|                                                        | 17                                                    | 128                                                 | 81,82            | 4991                                                      | 1,6                              |                |                  |                      |                 |                               |
|                                                        | 21                                                    | 108                                                 | 69,16            | 4794                                                      | 1,8                              |                |                  |                      |                 |                               |
|                                                        | 25                                                    | 90                                                  | 57,76            | 4582                                                      | 2,2                              |                |                  |                      |                 |                               |
|                                                        | 29                                                    | 78                                                  | 49,81            | 4408                                                      | 2,6                              |                |                  |                      |                 |                               |
|                                                        | 31                                                    | 72                                                  | 45,90            | 4313                                                      | 2,8                              |                |                  |                      |                 |                               |
|                                                        | 33                                                    | 67                                                  | 42,87            | 4234                                                      | 3,0                              |                |                  |                      |                 |                               |
|                                                        | 39                                                    | 57                                                  | 36,24            | 4043                                                      | 3,5                              |                |                  |                      |                 |                               |
|                                                        | 18                                                    | 123                                                 | 50,51            | 3300                                                      | 1,1                              | MR103-2E71M/6C | 0,78             | 18                   | 107             | IE2                           |
|                                                        | 21                                                    | 108                                                 | 44,60            | 3224                                                      | 1,3                              | NR103-2E71M/6C |                  | 20                   |                 |                               |
|                                                        | 22                                                    | 101                                                 | 41,66            | 3180                                                      | 1,4                              |                |                  |                      |                 |                               |
|                                                        | 28                                                    | 79                                                  | 50,51            | 3020                                                      | 1,8                              | MR103-2E71M/4B | 0,71             | 17                   | 107             | IE2                           |
|                                                        | 32                                                    | 70                                                  | 44,60            | 2935                                                      | 2,0                              | NR103-2E71M/4B |                  | 18                   |                 |                               |
|                                                        | 34                                                    | 65                                                  | 41,66            | 2888                                                      | 2,1                              |                |                  |                      |                 |                               |
|                                                        | 40                                                    | 55                                                  | 35,21            | 2771                                                      | 2,5                              |                |                  |                      |                 |                               |
|                                                        | 44                                                    | 51                                                  | 32,25            | 2710                                                      | 2,8                              |                |                  |                      |                 |                               |
|                                                        | 48                                                    | 46                                                  | 29,40            | 2646                                                      | 3,0                              |                |                  |                      |                 |                               |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3 Çıkış Devri                                       | IE3 Çıkış Momenti                                   | Çevrim Oranı            | IE3 Güv. Rad. Yük Çıkış                             | IE3 Servis Faktörü               | Tipi                             | Anma Akımı       | Ağırlık              | Ölçü Sayfası | Motor Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|-------------------------|-----------------------------------------------------|----------------------------------|----------------------------------|------------------|----------------------|--------------|----------------------------|
| Power                                                  | Output Speeds                                         | Output Torque                                       | Ratio                   | Per.O. Loads (Output)                               | Service Factors                  | Type                             | Rated Current    | Weight               | Dim. Page    | Motor Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i        | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ                              | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite   | Motor Effizienz-<br>klasse |
| 0,25<br>0,34                                           | 57                                                    | 39                                                  | 24,86                   | 2508                                                | 3,3                              | MR103-2E71M/4B<br>NR103-2E71M/4B | 0,71             | 17<br>18             | 107          | IE2                        |
|                                                        | 20<br>23<br>29                                        | 109<br>97<br>77                                     | 45,18<br>40,04<br>32,02 | 1892<br>2009<br>2248                                | 0,8<br>0,8<br>1,1                | MR003-2E71M/6C<br>NR003-2E71M/6C | 0,78             | 14<br>15             | 106          | IE2                        |
| 0,37<br>0,50                                           | 32                                                    | 70                                                  | 45,18                   | 2304                                                | 1,2                              | MR003-2E71M/4B<br>NR003-2E71M/4B | 0,71             | 13<br>14             | 106          | IE2                        |
|                                                        | 36                                                    | 63                                                  | 40,04                   | 2337                                                | 1,3                              |                                  |                  |                      |              |                            |
|                                                        | 45                                                    | 50                                                  | 32,02                   | 2418                                                | 1,6                              |                                  |                  |                      |              |                            |
|                                                        | 50                                                    | 44                                                  | 28,38                   | 2410                                                | 1,8                              |                                  |                  |                      |              |                            |
|                                                        | 59                                                    | 38                                                  | 24,13                   | 2406                                                | 2,2                              |                                  |                  |                      |              |                            |
|                                                        | 67                                                    | 33                                                  | 21,26                   | 2364                                                | 2,5                              |                                  |                  |                      |              |                            |
|                                                        | 69                                                    | 32                                                  | 20,66                   | 2385                                                | 2,5                              |                                  |                  |                      |              |                            |
|                                                        | 74                                                    | 30                                                  | 19,17                   | 2370                                                | 2,7                              |                                  |                  |                      |              |                            |
|                                                        | 78                                                    | 29                                                  | 18,20                   | 2335                                                | 2,9                              |                                  |                  |                      |              |                            |
|                                                        | 84                                                    | 27                                                  | 16,89                   | 2317                                                | 3,1                              |                                  |                  |                      |              |                            |
|                                                        | 97                                                    | 23                                                  | 14,67                   | 2248                                                | 3,6                              |                                  |                  |                      |              |                            |
|                                                        | 105                                                   | 21                                                  | 13,61                   | 2226                                                | 3,7                              |                                  |                  |                      |              |                            |
|                                                        | 128                                                   | 18                                                  | 11,14                   | 2172                                                | 3,7                              | MR002-2E71M/4B<br>NR002-2E71M/4B | 0,71             | 13<br>14             | 106          | IE2                        |
|                                                        | 144                                                   | 16                                                  | 9,87                    | 2080                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 164                                                   | 14                                                  | 8,70                    | 1990                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 169                                                   | 13                                                  | 8,45                    | 1967                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 182                                                   | 13                                                  | 7,84                    | 1915                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 191                                                   | 12                                                  | 7,45                    | 1881                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 206                                                   | 11                                                  | 6,91                    | 1832                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 238                                                   | 9,6                                                 | 6,00                    | 1745                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 256                                                   | 8,9                                                 | 5,57                    | 1699                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 313                                                   | 7,3                                                 | 4,56                    | 1588                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 365                                                   | 6,2                                                 | 3,90                    | 1503                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 394                                                   | 5,8                                                 | 3,62                    | 1464                                                | 4,0                              |                                  |                  |                      |              |                            |
| 0,37<br>0,50                                           | 405                                                   | 5,6                                                 | 6,91                    | 1439                                                | 4,0                              | MR002-2E63M/2B<br>NR002-2E63M/2B | 0,67             | 13<br>14             | 106          | IE2                        |
|                                                        | 467                                                   | 4,8                                                 | 6,00                    | 1372                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 503                                                   | 4,5                                                 | 5,57                    | 1337                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 615                                                   | 3,7                                                 | 4,56                    | 1250                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 718                                                   | 3,1                                                 | 3,90                    | 1184                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 774                                                   | 2,9                                                 | 3,62                    | 1154                                                | 4,0                              |                                  |                  |                      |              |                            |
|                                                        | 0,20                                                  | 15488                                               | 7233,00                 | 56000                                               | 0,8                              | MR876-2E71M/4C<br>NR876-2E71M/4C | 1,00             | 599<br>611           | 132          | IE2                        |
|                                                        | 0,23                                                  | 13531                                               | 6313,78                 | 69831                                               | 1,0                              |                                  |                  |                      |              |                            |
|                                                        | 0,26                                                  | 11945                                               | 5569,66                 | 78738                                               | 1,1                              |                                  |                  |                      |              |                            |
|                                                        | 0,29                                                  | 10633                                               | 4954,95                 | 85048                                               | 1,2                              |                                  |                  |                      |              |                            |
| 0,37<br>0,50                                           | 0,32                                                  | 9530                                                | 4438,59                 | 89697                                               | 1,4                              |                                  |                  |                      |              |                            |
|                                                        | 0,37                                                  | 8371                                                | 3892,30                 | 94366                                               | 1,6                              |                                  |                  |                      |              |                            |
|                                                        | 0,41                                                  | 7411                                                | 3441,02                 | 97651                                               | 1,8                              |                                  |                  |                      |              |                            |
|                                                        | 0,49                                                  | 6246                                                | 2894,28                 | 101417                                              | 2,1                              |                                  |                  |                      |              |                            |
|                                                        | 0,58                                                  | 5320                                                | 2460,65                 | 104164                                              | 2,4                              |                                  |                  |                      |              |                            |
|                                                        | 0,68                                                  | 4567                                                | 2108,33                 | 106252                                              | 2,8                              |                                  |                  |                      |              |                            |
|                                                        | 0,74                                                  | 4252                                                | 1924,32                 | 107085                                              | 3,1                              | MR875-2E71M/4C<br>NR875-2E71M/4C | 1,00             | 596<br>606           | 132          | IE2                        |
|                                                        | 0,84                                                  | 3764                                                | 1700,56                 | 108338                                              | 3,5                              |                                  |                  |                      |              |                            |
|                                                        | 0,94                                                  | 3368                                                | 1521,55                 | 109316                                              | 3,9                              |                                  |                  |                      |              |                            |
|                                                        |                                                       |                                                     |                         |                                                     |                                  |                                  |                  |                      |              |                            |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per. O. Loads<br>(Output) | IE3<br>Servis Faktörü | Tipi           | Anma<br>Akımı    | Ağırlık | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------|-----------------------------|------------------------------|--------------|------------------------------------------------------------|-----------------------|----------------|------------------|---------|-----------------|-------------------------------|
| Power                                      | Output<br>Speeds            | Output<br>Torque             | Ratio        |                                                            | Service<br>Factors    | Type           | Rated<br>Current | Weight  | Dim. Page       | Motor<br>Eff. Class           |
| Leistung                                   | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Übersetzung  | Zul. Querkkräfte<br>(Abtrieb)                              | Betriebsfaktor        | Typ            | Nennstrom        | Gewicht | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]      | M <sub>2</sub> [Nm]          | i            | F <sub>qam</sub> [N]                                       | f <sub>s</sub>        |                | [A]              | [kg]    |                 |                               |
| 0,37<br>0,50                               | 0,37                        | 8380                         | 3814,39      | 47598                                                      | 1,0                   | MR775-2E71M/4C | 1,00             | 264     | 129             | IE2                           |
|                                            | 0,46                        | 6838                         | 3103,85      | 53223                                                      | 1,2                   | NR775-2E71M/4C |                  | 322     |                 |                               |
|                                            | 0,53                        | 5903                         | 2684,10      | 56209                                                      | 1,4                   |                |                  |         |                 |                               |
|                                            | 0,61                        | 5116                         | 2324,10      | 58419                                                      | 1,6                   |                |                  |         |                 |                               |
|                                            | 0,70                        | 4478                         | 2032,66      | 59983                                                      | 1,8                   |                |                  |         |                 |                               |
|                                            | 0,80                        | 3951                         | 1791,91      | 61263                                                      | 2,0                   |                |                  |         |                 |                               |
|                                            | 0,90                        | 3507                         | 1589,68      | 62276                                                      | 2,3                   |                |                  |         |                 |                               |
|                                            | 1,0                         | 3129                         | 1417,41      | 63098                                                      | 2,6                   |                |                  |         |                 |                               |
|                                            | 1,1                         | 2770                         | 1252,60      | 63844                                                      | 2,9                   |                |                  |         |                 |                               |
|                                            | 1,3                         | 2479                         | 1120,74      | 64424                                                      | 3,2                   |                |                  |         |                 |                               |
|                                            | 1,4                         | 2181                         | 984,18       | 65025                                                      | 3,7                   |                |                  |         |                 |                               |
|                                            | 1,6                         | 2083                         | 594,92       | 65180                                                      | 3,8                   | MR774-2E80M/6A | 1,08             | 244     | 128             | IE2                           |
|                                            | 1,7                         | 1865                         | 532,29       | 66612                                                      | 4,0                   | NR774-2E80M/6A |                  | 301     |                 |                               |
|                                            | 0,75                        | 4159                         | 1888,53      | 27370                                                      | 1,0                   | MR675-2E71M/4C | 1,00             | 228     | 126             | IE2                           |
|                                            | 0,87                        | 3612                         | 1638,93      | 30178                                                      | 1,2                   | NR675-2E71M/4C |                  | 244     |                 |                               |
|                                            | 1,0                         | 3160                         | 1432,74      | 32158                                                      | 1,4                   |                |                  |         |                 |                               |
|                                            | 1,1                         | 2780                         | 1259,54      | 33706                                                      | 1,5                   |                |                  |         |                 |                               |
|                                            | 1,3                         | 2461                         | 1113,08      | 34869                                                      | 1,7                   |                |                  |         |                 |                               |
|                                            | 1,4                         | 2203                         | 995,91       | 35696                                                      | 2,0                   |                |                  |         |                 |                               |
|                                            | 1,6                         | 1938                         | 874,56       | 36548                                                      | 2,2                   |                |                  |         |                 |                               |
|                                            | 1,8                         | 1752                         | 500,39       | 37113                                                      | 2,5                   | MR674-2E80M/6A | 1,08             | 218     | 125             | IE2                           |
|                                            | 2,1                         | 1551                         | 442,20       | 37697                                                      | 2,8                   | NR674-2E80M/6A |                  | 234     |                 |                               |
|                                            | 2,5                         | 1319                         | 376,69       | 38334                                                      | 3,3                   |                |                  |         |                 |                               |
|                                            | 2,9                         | 1136                         | 323,82       | 38814                                                      | 3,8                   |                |                  |         |                 |                               |
|                                            | 3,3                         | 987                          | 281,02       | 40076                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 1,1                         | 2774                         | 1259,61      | 21254                                                      | 1,1                   | MR575-2E71M/4C | 1,00             | 152     | 123             | IE2                           |
|                                            | 1,2                         | 2518                         | 1140,65      | 22616                                                      | 1,2                   | NR575-2E71M/4C |                  | 149     |                 |                               |
|                                            | 1,5                         | 2130                         | 964,05       | 24428                                                      | 1,4                   |                |                  |         |                 |                               |
|                                            | 1,6                         | 2008                         | 574,90       | 24897                                                      | 1,5                   | MR574-2E80M/6A | 1,08             | 138     | 122             | IE2                           |
|                                            | 1,9                         | 1699                         | 485,89       | 26116                                                      | 1,8                   | NR574-2E80M/6A |                  | 134     |                 |                               |
|                                            | 2,3                         | 1410                         | 402,12       | 27150                                                      | 2,1                   |                |                  |         |                 |                               |
|                                            | 2,5                         | 1303                         | 574,90       | 27504                                                      | 2,3                   | MR574-2E71M/4C | 1,00             | 133     | 122             | IE2                           |
|                                            | 2,9                         | 1103                         | 485,89       | 28136                                                      | 2,7                   | NR574-2E71M/4C |                  | 129     |                 |                               |
|                                            | 3,5                         | 915                          | 402,12       | 28679                                                      | 3,3                   |                |                  |         |                 |                               |
|                                            | 4,1                         | 783                          | 343,91       | 29072                                                      | 3,8                   |                |                  |         |                 |                               |
|                                            | 4,7                         | 688                          | 301,59       | 29992                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 4,9                         | 664                          | 291,25       | 30274                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 1,7                         | 1853                         | 529,93       | 10176                                                      | 0,8                   | MR474-2E80M/6A | 1,08             | 136     | 119             | IE2                           |
|                                            | 2,1                         | 1550                         | 442,61       | 15686                                                      | 1,0                   | NR474-2E80M/6A |                  | 141     |                 |                               |
|                                            | 2,1                         | 1530                         | 674,46       | 15971                                                      | 1,0                   | MR474-2E71M/4C | 1,00             | 131     | 119             | IE2                           |
|                                            | 2,4                         | 1368                         | 603,46       | 18007                                                      | 1,1                   | NR474-2E71M/4C |                  | 136     |                 |                               |
|                                            | 2,7                         | 1203                         | 529,93       | 19777                                                      | 1,3                   |                |                  |         |                 |                               |
|                                            | 3,2                         | 1006                         | 442,61       | 21584                                                      | 1,5                   |                |                  |         |                 |                               |
|                                            | 3,4                         | 951                          | 418,16       | 22042                                                      | 1,6                   |                |                  |         |                 |                               |





## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı                                                   | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü                         | Tipi                             | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------|----------------------------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio                                                          |                                                           | Service<br>Factors                            | Type                             | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i                                               | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]       | Betriebsfaktor<br>f <sub>s</sub>              | Typ                              | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 0,37<br>0,50                                           | 4,1                                                   | 789                                                 | 346,07                                                         | 23240                                                     | 2,0                                           | MR474-2E71M/4C<br>NR474-2E71M/4C | 1,00             | 131<br>136           | 119             | IE2                           |
|                                                        | 4,2<br>4,8<br>5,9<br>6,6<br>7,4                       | 780<br>691<br>564<br>499<br>446                     | 219,00<br>194,05<br>157,90<br>139,54<br>124,85                 | 23300<br>23923<br>24750<br>25142<br>25445                 | 2,0<br>2,2<br>2,8<br>3,1<br>3,5               | MR473-2E80M/6A<br>NR473-2E80M/6A | 1,08             | 86<br>89             | 118             | IE2                           |
|                                                        | 3,4<br>3,9<br>4,4<br>5,2                              | 954<br>838<br>741<br>624                            | 421,85<br>369,93<br>327,04<br>275,08                           | 9355<br>11517<br>12918<br>14359                           | 0,9<br>1,0<br>1,1<br>1,3                      | MR374-2E71M/4C<br>NR374-2E71M/4C | 1,00             | 59<br>64             | 116             | IE2                           |
|                                                        | 5,9<br>6,7<br>8,3                                     | 561<br>494<br>398                                   | 157,76<br>138,72<br>111,67                                     | 15027<br>14902<br>14092                                   | 1,5<br>1,7<br>2,1                             | MR373-2E80M/6A<br>NR373-2E80M/6A | 1,08             | 64<br>69             | 115             | IE2                           |
|                                                        | 9,0<br>10<br>13<br>15                                 | 365<br>322<br>259<br>227                            | 157,76<br>138,72<br>111,67<br>97,92                            | 13765<br>13294<br>12515<br>12056                          | 2,2<br>2,5<br>3,2<br>3,6                      | MR373-2E71M/4C<br>NR373-2E71M/4C | 1,00             | 53<br>58             | 1150            | IE2                           |
|                                                        | 5,0                                                   | 649                                                 | 285,89                                                         | 8353                                                      | 0,9                                           | MR284-2E71M/4C<br>NR284-2E71M/4C | 1,00             | 63<br>65             | 113             | IE2                           |
|                                                        | 6,7<br>8,1<br>9,5                                     | 488<br>405<br>346                                   | 137,91<br>114,14<br>97,62                                      | 11107<br>11559<br>11129                                   | 1,2<br>1,5<br>1,7                             | MR283-2E80M/6A<br>NR283-2E80M/6A | 1,08             | 43<br>45             | 112             | IE2                           |
|                                                        | 10<br>12<br>15<br>17                                  | 316<br>262<br>225<br>198                            | 137,91<br>114,14<br>97,62<br>85,60                             | 10885<br>10365<br>9940<br>9588                            | 1,9<br>2,3<br>2,7<br>3,0                      | MR283-2E71M/4C<br>NR283-2E71M/4C | 1,00             | 39<br>42             | 112             | IE2                           |
|                                                        | 6,7<br>7,6<br>8,1<br>9,6                              | 493<br>431<br>405<br>344                            | 138,55<br>121,03<br>113,52<br>96,52                            | 6429<br>6901<br>7085<br>7456                              | 0,9<br>1,0<br>1,1<br>1,3                      | MR273-2E80M/6A<br>NR273-2E80M/6A | 1,08             | 32<br>35             | 110             | IE2                           |
|                                                        | 10<br>12<br>13<br>15<br>17<br>19<br>23                | 321<br>281<br>264<br>224<br>195<br>171<br>141       | 138,55<br>121,03<br>113,52<br>96,52<br>83,83<br>73,35<br>60,66 | 7603<br>7811<br>7900<br>8092<br>8224<br>8328<br>7788      | 1,4<br>1,6<br>1,7<br>2,0<br>2,3<br>2,7<br>3,2 | MR273-2E71M/4C<br>NR273-2E71M/4C | 1,00             | 29<br>32             | 110             | IE2                           |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü            | Tipi                             | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------------|----------------------------------|----------------------------------|------------------|----------------------|-----------------|-------------------------------|
| Power<br>Output<br>Speeds                              |                                                       | Output<br>Torque                                    | Ratio            |                                                           | Service<br>Factors               | Type                             | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]       | Betriebsfaktor<br>f <sub>s</sub> | Typ                              | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 0,37<br>0,50                                           | 14                                                    | 243                                                 | 68,03            | 8002                                                      | 1,2                              | MR203-2E80M/6A<br>NR203-2E80M/6A | 1,08             | 36                   | 109             | IE2                           |
|                                                        | 16                                                    | 212                                                 | 59,43            | 7965                                                      | 1,3                              |                                  |                  | 38                   |                 |                               |
|                                                        | 17                                                    | 199                                                 | 55,74            | 7840                                                      | 1,4                              |                                  |                  |                      |                 |                               |
|                                                        | 21                                                    | 158                                                 | 68,03            | 7382                                                      | 1,8                              | MR203-2E71M/4C<br>NR203-2E71M/4C | 1,00             | 34                   | 109             | IE2                           |
|                                                        | 24                                                    | 138                                                 | 59,43            | 7121                                                      | 2,0                              |                                  |                  | 37                   |                 |                               |
|                                                        | 26                                                    | 130                                                 | 55,74            | 6998                                                      | 2,2                              |                                  |                  |                      |                 |                               |
|                                                        | 30                                                    | 110                                                 | 47,39            | 6692                                                      | 2,5                              |                                  |                  |                      |                 |                               |
|                                                        | 32                                                    | 103                                                 | 43,94            | 6552                                                      | 2,7                              |                                  |                  |                      |                 |                               |
|                                                        | 35                                                    | 96                                                  | 41,16            | 6432                                                      | 2,9                              |                                  |                  |                      |                 |                               |
|                                                        | 40                                                    | 84                                                  | 36,02            | 6190                                                      | 3,3                              |                                  |                  |                      |                 |                               |
|                                                        | 14                                                    | 230                                                 | 99,21            | 4779                                                      | 0,9                              | MR173-2E71M/4C<br>NR173-2E71M/4C | 1,00             | 19                   | 108             | IE2                           |
|                                                        | 16                                                    | 203                                                 | 87,60            | 4687                                                      | 1,0                              |                                  |                  | 20                   |                 |                               |
|                                                        | 17                                                    | 190                                                 | 81,82            | 4633                                                      | 1,1                              |                                  |                  |                      |                 |                               |
|                                                        | 21                                                    | 161                                                 | 69,16            | 4491                                                      | 1,2                              |                                  |                  |                      |                 |                               |
|                                                        | 25                                                    | 134                                                 | 57,76            | 4329                                                      | 1,5                              |                                  |                  |                      |                 |                               |
|                                                        | 29                                                    | 116                                                 | 49,81            | 4190                                                      | 1,7                              |                                  |                  |                      |                 |                               |
|                                                        | 31                                                    | 107                                                 | 45,90            | 4112                                                      | 1,9                              |                                  |                  |                      |                 |                               |
|                                                        | 33                                                    | 100                                                 | 42,87            | 4047                                                      | 2,0                              |                                  |                  |                      |                 |                               |
|                                                        | 39                                                    | 84                                                  | 36,24            | 3884                                                      | 2,4                              |                                  |                  |                      |                 |                               |
|                                                        | 47                                                    | 71                                                  | 30,26            | 3710                                                      | 2,8                              |                                  |                  |                      |                 |                               |
|                                                        | 55                                                    | 61                                                  | 26,10            | 3568                                                      | 3,3                              |                                  |                  |                      |                 |                               |
|                                                        | 18                                                    | 180                                                 | 50,51            | 2938                                                      | 0,8                              | MR103-2E80M/6A<br>NR103-2E80M/6A | 1,08             | 21                   | 107             | IE2                           |
|                                                        | 21                                                    | 159                                                 | 44,60            | 2904                                                      | 0,9                              |                                  |                  | 23                   |                 |                               |
|                                                        | 22                                                    | 149                                                 | 41,66            | 2881                                                      | 0,9                              |                                  |                  |                      |                 |                               |
|                                                        | 28                                                    | 117                                                 | 50,51            | 2785                                                      | 1,2                              | MR103-2E71M/4C<br>NR103-2E71M/4C | 1,00             | 18                   | 107             | IE2                           |
|                                                        | 32                                                    | 104                                                 | 44,60            | 2727                                                      | 1,3                              |                                  |                  | 19                   |                 |                               |
|                                                        | 34                                                    | 97                                                  | 41,66            | 2694                                                      | 1,4                              |                                  |                  |                      |                 |                               |
|                                                        | 40                                                    | 82                                                  | 35,21            | 2607                                                      | 1,7                              |                                  |                  |                      |                 |                               |
|                                                        | 44                                                    | 75                                                  | 32,25            | 2560                                                      | 1,9                              |                                  |                  |                      |                 |                               |
|                                                        | 48                                                    | 69                                                  | 29,40            | 2509                                                      | 2,0                              |                                  |                  |                      |                 |                               |
|                                                        | 57                                                    | 58                                                  | 24,86            | 2374                                                      | 2,2                              |                                  |                  |                      |                 |                               |
|                                                        | 65                                                    | 51                                                  | 21,96            | 2308                                                      | 2,3                              |                                  |                  |                      |                 |                               |
|                                                        | 69                                                    | 48                                                  | 20,51            | 2272                                                      | 2,5                              |                                  |                  |                      |                 |                               |
|                                                        | 82                                                    | 40                                                  | 17,33            | 2181                                                      | 2,7                              |                                  |                  |                      |                 |                               |
|                                                        | 89                                                    | 38                                                  | 15,95            | 2161                                                      | 3,0                              | MR102-2E71M/4C<br>NR102-2E71M/4C | 1,00             | 18                   | 107             | IE2                           |
|                                                        | 101                                                   | 33                                                  | 14,08            | 2091                                                      | 3,3                              |                                  |                  | 19                   |                 |                               |
|                                                        | 108                                                   | 31                                                  | 13,15            | 2053                                                      | 3,4                              |                                  |                  |                      |                 |                               |
|                                                        | 32                                                    | 104                                                 | 45,18            | 1350                                                      | 0,8                              | MR003-2E71M/4C<br>NR003-2E71M/4C | 1,00             | 14                   | 106             | IE2                           |
|                                                        | 36                                                    | 93                                                  | 40,04            | 1480                                                      | 0,9                              |                                  |                  | 15                   |                 |                               |
|                                                        | 45                                                    | 74                                                  | 32,02            | 1741                                                      | 1,1                              |                                  |                  |                      |                 |                               |
|                                                        | 50                                                    | 66                                                  | 28,38            | 1803                                                      | 1,2                              |                                  |                  |                      |                 |                               |
|                                                        | 59                                                    | 56                                                  | 24,13            | 1890                                                      | 1,5                              |                                  |                  |                      |                 |                               |
|                                                        | 67                                                    | 49                                                  | 21,26            | 1896                                                      | 1,7                              |                                  |                  |                      |                 |                               |
|                                                        | 69                                                    | 48                                                  | 20,66            | 1943                                                      | 1,7                              |                                  |                  |                      |                 |                               |
|                                                        | 74                                                    | 45                                                  | 19,17            | 1960                                                      | 1,8                              |                                  |                  |                      |                 |                               |
|                                                        | 78                                                    | 42                                                  | 18,20            | 1935                                                      | 1,9                              |                                  |                  |                      |                 |                               |
|                                                        | 84                                                    | 39                                                  | 16,89            | 1946                                                      | 2,1                              |                                  |                  |                      |                 |                               |
|                                                        | 97                                                    | 34                                                  | 14,67            | 1911                                                      | 2,4                              |                                  |                  |                      |                 |                               |
|                                                        | 105                                                   | 32                                                  | 13,61            | 1913                                                      | 2,5                              |                                  |                  |                      |                 |                               |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış                       | IE3<br>Servis Faktörü            | Tipi           | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|----------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio            | Per.O. Loads<br>(Output)                            | Service<br>Factors               | Type           | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ            | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 0,37<br>0,50                                           | 128                                                   | 26                                                  | 11,14            | 2084                                                | 2,5                              | MR002-2E71M/4C | 1,00             | 14                   | 106             | IE2                           |
|                                                        | 144                                                   | 23                                                  | 9,87             | 2038                                                | 3,3                              | NR002-2E71M/4C |                  | 15                   |                 |                               |
|                                                        | 164                                                   | 21                                                  | 8,70             | 1981                                                | 3,6                              |                |                  |                      |                 |                               |
|                                                        | 169                                                   | 20                                                  | 8,45             | 1987                                                | 3,7                              |                |                  |                      |                 |                               |
|                                                        | 182                                                   | 19                                                  | 7,84             | 1950                                                | 3,9                              |                |                  |                      |                 |                               |
|                                                        | 191                                                   | 18                                                  | 7,45             | 1916                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 206                                                   | 16                                                  | 6,91             | 1864                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 238                                                   | 14                                                  | 6,00             | 1774                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 256                                                   | 13                                                  | 5,57             | 1726                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 313                                                   | 11                                                  | 4,56             | 1614                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 365                                                   | 9,2                                                 | 3,90             | 1525                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 394                                                   | 8,6                                                 | 3,62             | 1484                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 404                                                   | 8,3                                                 | 6,91             | 1458                                                | 4,0                              | MR002-2E71M/2A | 0,90             | 14                   | 106             | IE2                           |
|                                                        | 465                                                   | 7,2                                                 | 6,00             | 1388                                                | 4,0                              | NR002-2E71M/2A |                  | 15                   |                 |                               |
|                                                        | 501                                                   | 6,7                                                 | 5,57             | 1352                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 612                                                   | 5,5                                                 | 4,56             | 1264                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 715                                                   | 4,7                                                 | 3,90             | 1197                                                | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 771                                                   | 4,4                                                 | 3,62             | 1166                                                | 4,0                              |                |                  |                      |                 |                               |
| 0,55<br>0,75                                           | 0,21                                                  | 21695                                               | 6842,29          | 68090                                               | 0,8                              | MR976-2E80M/4B | 1,45             | 1102                 | 135             | IE2                           |
|                                                        | 0,27                                                  | 17023                                               | 5357,43          | 101458                                              | 1,1                              | NR976-2E80M/4B |                  | 1152                 |                 |                               |
|                                                        | 0,32                                                  | 14250                                               | 4474,67          | 115408                                              | 1,3                              |                |                  |                      |                 |                               |
|                                                        | 0,34                                                  | 13472                                               | 4227,50          | 118840                                              | 1,3                              |                |                  |                      |                 |                               |
|                                                        | 0,40                                                  | 11471                                               | 3594,81          | 126893                                              | 1,6                              |                |                  |                      |                 |                               |
|                                                        | 0,51                                                  | 9081                                                | 2836,64          | 135261                                              | 2,0                              |                |                  |                      |                 |                               |
|                                                        | 0,71                                                  | 6622                                                | 2027,97          | 142495                                              | 2,7                              | MR975-2E80M/4B | 1,45             | 1100                 | 135             | IE2                           |
|                                                        | 0,79                                                  | 5949                                                | 1820,78          | 144369                                              | 3,0                              | NR975-2E80M/4B |                  | 1150                 |                 |                               |
|                                                        | 0,93                                                  | 5068                                                | 1552,10          | 146710                                              | 3,6                              |                |                  |                      |                 |                               |
|                                                        | 0,29                                                  | 15642                                               | 4954,95          | 54775                                               | 0,8                              | MR876-2E80M/4B | 1,45             | 602                  | 132             | IE2                           |
|                                                        | 0,32                                                  | 14019                                               | 4438,59          | 66738                                               | 0,9                              | NR876-2E80M/4B |                  | 612                  |                 |                               |
|                                                        | 0,37                                                  | 12313                                               | 3892,30          | 76803                                               | 1,1                              |                |                  |                      |                 |                               |
|                                                        | 0,42                                                  | 10902                                               | 3441,02          | 83816                                               | 1,2                              |                |                  |                      |                 |                               |
|                                                        | 0,50                                                  | 9188                                                | 2894,28          | 91140                                               | 1,4                              |                |                  |                      |                 |                               |
|                                                        | 0,59                                                  | 7826                                                | 2460,65          | 96066                                               | 1,7                              |                |                  |                      |                 |                               |
|                                                        | 0,68                                                  | 6717                                                | 2108,33          | 99936                                               | 1,9                              |                |                  |                      |                 |                               |
|                                                        | 0,75                                                  | 6255                                                | 1924,32          | 101388                                              | 2,1                              | MR875-2E80M/4B | 1,45             | 598                  | 132             | IE2                           |
|                                                        | 0,85                                                  | 5537                                                | 1700,56          | 103540                                              | 2,3                              | NR875-2E80M/4B |                  | 608                  |                 |                               |
|                                                        | 0,95                                                  | 4955                                                | 1521,55          | 105192                                              | 2,6                              |                |                  |                      |                 |                               |
|                                                        | 1,1                                                   | 4358                                                | 1336,15          | 106805                                              | 3,0                              |                |                  |                      |                 |                               |
|                                                        | 1,2                                                   | 3952                                                | 1210,51          | 107862                                              | 3,3                              |                |                  |                      |                 |                               |
|                                                        | 1,4                                                   | 3419                                                | 1049,18          | 109192                                              | 3,8                              |                |                  |                      |                 |                               |
|                                                        | 0,62                                                  | 7526                                                | 2324,10          | 50893                                               | 1,1                              | MR775-2E80M/4B | 1,45             | 339                  | 129             | IE2                           |
|                                                        | 0,71                                                  | 6588                                                | 2032,66          | 54099                                               | 1,2                              | NR775-2E80M/4B |                  | 414                  |                 |                               |
|                                                        | 0,80                                                  | 5812                                                | 1791,91          | 56474                                               | 1,4                              |                |                  |                      |                 |                               |
|                                                        | 0,91                                                  | 5159                                                | 1589,68          | 58302                                               | 1,6                              |                |                  |                      |                 |                               |
|                                                        | 1,0                                                   | 4603                                                | 1417,41          | 59749                                               | 1,7                              |                |                  |                      |                 |                               |
|                                                        | 1,1                                                   | 4075                                                | 1252,60          | 61036                                               | 2,0                              |                |                  |                      |                 |                               |
|                                                        | 1,3                                                   | 3647                                                | 1120,74          | 61934                                               | 2,2                              |                |                  |                      |                 |                               |
|                                                        | 1,5                                                   | 3209                                                | 984,18           | 62905                                               | 2,5                              |                |                  |                      |                 |                               |





## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü            | Tipi           | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------------|----------------------------------|----------------|------------------|----------------------|-----------------|-------------------------------|
| Power<br>Output<br>Speeds                              |                                                       | Output<br>Torque                                    | Ratio            |                                                           | Service<br>Factors               | Type           | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]       | Betriebsfaktor<br>f <sub>s</sub> | Typ            | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 0,55<br>0,75                                           | 1,6                                                   | 3074                                                | 594,92           | 63237                                                     | 2,6                              | MR774-2E80M/6B | 1,50             | 318                  | 128             | IE2                           |
|                                                        | 1,8                                                   | 2751                                                | 532,29           | 63901                                                     | 2,9                              | NR774-2E80M/6B |                  | 393                  |                 |                               |
|                                                        | 2,0                                                   | 2420                                                | 467,43           | 64555                                                     | 3,3                              |                |                  |                      |                 |                               |
|                                                        | 2,2                                                   | 2167                                                | 418,17           | 65036                                                     | 3,7                              |                |                  |                      |                 |                               |
|                                                        | 2,4                                                   | 1989                                                | 594,92           | 65557                                                     | 4,0                              | MR774-2E80M/4B | 1,45             | 314                  | 128             | IE2                           |
|                                                        | 2,7                                                   | 1780                                                | 532,29           | 67316                                                     | 4,0                              | NR774-2E80M/4B |                  | 390                  |                 |                               |
|                                                        | 1,0                                                   | 4649                                                | 1432,74          | 24312                                                     | 0,9                              | MR675-2E80M/4B | 1,45             | 244                  | 126             | IE2                           |
|                                                        | 1,1                                                   | 4089                                                | 1259,54          | 27791                                                     | 1,1                              | NR675-2E80M/4B |                  | 254                  |                 |                               |
|                                                        | 1,3                                                   | 3620                                                | 1113,08          | 30140                                                     | 1,2                              |                |                  |                      |                 |                               |
|                                                        | 1,4                                                   | 3240                                                | 995,91           | 31852                                                     | 1,3                              |                |                  |                      |                 |                               |
|                                                        | 1,6                                                   | 2850                                                | 874,56           | 33435                                                     | 1,5                              |                |                  |                      |                 |                               |
|                                                        | 1,9                                                   | 2585                                                | 500,39           | 34368                                                     | 1,7                              | MR674-2E80M/6B | 1,50             | 223                  | 125             | IE2                           |
|                                                        | 2,1                                                   | 2288                                                | 442,20           | 35434                                                     | 1,9                              | NR674-2E80M/6B |                  | 233                  |                 |                               |
|                                                        | 2,5                                                   | 1946                                                | 376,69           | 36540                                                     | 2,2                              |                |                  |                      |                 |                               |
|                                                        | 2,9                                                   | 1673                                                | 500,39           | 37329                                                     | 2,6                              | MR674-2E80M/4B | 1,45             | 219                  | 125             | IE2                           |
|                                                        | 3,3                                                   | 1481                                                | 442,20           | 37879                                                     | 2,9                              | NR674-2E80M/4B |                  | 230                  |                 |                               |
|                                                        | 3,8                                                   | 1260                                                | 376,69           | 38481                                                     | 3,4                              |                |                  |                      |                 |                               |
|                                                        | 4,4                                                   | 1085                                                | 323,82           | 38934                                                     | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 5,1                                                   | 942                                                 | 281,02           | 40572                                                     | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 1,6                                                   | 2962                                                | 574,90           | 20079                                                     | 1,0                              | MR574-2E80M/6B | 1,50             | 153                  | 122             | IE2                           |
|                                                        | 1,9                                                   | 2507                                                | 485,89           | 22620                                                     | 1,2                              | NR574-2E80M/6B |                  | 149                  |                 |                               |
|                                                        | 2,3                                                   | 2080                                                | 402,12           | 24611                                                     | 1,4                              |                |                  |                      |                 |                               |
|                                                        | 2,5                                                   | 1917                                                | 574,90           | 25317                                                     | 1,6                              | MR574-2E80M/4B | 1,45             | 150                  | 122             | IE2                           |
|                                                        | 3,0                                                   | 1623                                                | 485,89           | 26441                                                     | 1,8                              | NR574-2E80M/4B |                  | 145                  |                 |                               |
|                                                        | 3,6                                                   | 1346                                                | 402,12           | 27394                                                     | 2,2                              |                |                  |                      |                 |                               |
|                                                        | 4,2                                                   | 1152                                                | 343,91           | 27973                                                     | 2,6                              |                |                  |                      |                 |                               |
|                                                        | 4,8                                                   | 1012                                                | 301,59           | 28399                                                     | 3,0                              |                |                  |                      |                 |                               |
|                                                        | 4,9                                                   | 976                                                 | 291,25           | 28504                                                     | 3,1                              |                |                  |                      |                 |                               |
|                                                        | 5,6                                                   | 868                                                 | 258,87           | 28839                                                     | 3,5                              |                |                  |                      |                 |                               |
|                                                        | 6,5                                                   | 743                                                 | 221,40           | 29303                                                     | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 7,4                                                   | 653                                                 | 194,15           | 30390                                                     | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 2,7                                                   | 1769                                                | 529,93           | 12048                                                     | 0,9                              | MR474-2E80M/4B | 1,45             | 132                  | 119             | IE2                           |
|                                                        | 3,3                                                   | 1480                                                | 442,61           | 16591                                                     | 1,0                              | NR474-2E80M/4B |                  | 136                  |                 |                               |
|                                                        | 3,4                                                   | 1399                                                | 418,16           | 17641                                                     | 1,1                              |                |                  |                      |                 |                               |
|                                                        | 4,2                                                   | 1160                                                | 346,07           | 20191                                                     | 1,3                              |                |                  |                      |                 |                               |
|                                                        | 4,3                                                   | 1154                                                | 219,00           | 20209                                                     | 1,3                              | MR473-2E80M/6B | 1,50             | 111                  | 118             | IE2                           |
|                                                        | 4,8                                                   | 1022                                                | 194,05           | 21411                                                     | 1,5                              | NR473-2E80M/6B |                  | 114                  |                 |                               |
|                                                        | 5,9                                                   | 833                                                 | 157,90           | 22920                                                     | 1,9                              |                |                  |                      |                 |                               |
|                                                        | 6,6                                                   | 748                                                 | 219,00           | 23568                                                     | 2,1                              | MR473-2E80M/4B | 1,45             | 110                  | 118             | IE2                           |
|                                                        | 7,4                                                   | 663                                                 | 194,05           | 24146                                                     | 2,3                              | NR473-2E80M/4B |                  | 113                  |                 |                               |
|                                                        | 9,1                                                   | 540                                                 | 157,90           | 24420                                                     | 2,9                              |                |                  |                      |                 |                               |
|                                                        | 10                                                    | 478                                                 | 139,54           | 23561                                                     | 3,2                              |                |                  |                      |                 |                               |
|                                                        | 12                                                    | 428                                                 | 124,85           | 22805                                                     | 3,6                              |                |                  |                      |                 |                               |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3 Çıkış Devri                                          | IE3 Çıkış Momenti                                                  | Çevrim Oranı                                                                              | IE3 Güv. Rad. Yük Çıkış                                                      | IE3 Servis Faktörü                                                 | Tipi                             | Anma Akımı       | Ağırlık              | Ölçü Sayfası | Motor Verim Snf.           |
|--------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|------------------|----------------------|--------------|----------------------------|
| Power                                                  | Output Speeds                                            | Output Torque                                                      | Ratio                                                                                     | Per.O. Loads (Output)                                                        | Service Factors                                                    | Type                             | Rated Current    | Weight               | Dim. Page    | Motor Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m]    | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm]                | Übersetzung<br>i                                                                          | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]                          | Betriebsfaktor<br>f <sub>s</sub>                                   | Typ                              | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite   | Motor Effizienz-<br>klasse |
| 0,55<br>0,75                                           | 5,2                                                      | 918                                                                | 275,08                                                                                    | 10080                                                                        | 0,9                                                                | MR374-2E80M/4B<br>NR374-2E80M/4B | 1,45             | 65<br>69             | 116          | IE2                        |
|                                                        | 5,9<br>6,7<br>8,3                                        | 830<br>730<br>588                                                  | 157,76<br>138,72<br>111,67                                                                | 11575<br>13026<br>13358                                                      | 1,0<br>1,1<br>1,4                                                  | MR373-2E80M/6B<br>NR373-2E80M/6B | 1,50             | 58<br>61             | 115          | IE2                        |
|                                                        | 9,1<br>10<br>13<br>15<br>17<br>20<br>23                  | 538<br>474<br>381<br>335<br>296<br>250<br>212                      | 157,76<br>138,72<br>111,67<br>97,92<br>86,57<br>72,81<br>61,91                            | 13077<br>12684<br>12018<br>11616<br>11242<br>10724<br>10249                  | 1,5<br>1,7<br>2,1<br>2,4<br>2,8<br>3,3<br>3,9                      | MR373-2E80M/4B<br>NR373-2E80M/4B | 1,45             | 65<br>69             | 115          | IE2                        |
|                                                        | 6,8<br>8,2<br>9,5                                        | 717<br>596<br>511                                                  | 137,91<br>114,14<br>97,62                                                                 | 6313<br>9261<br>10425                                                        | 0,8<br>1,0<br>1,2                                                  | MR283-2E80M/6B<br>NR283-2E80M/6B | 1,50             | 46<br>49             | 112          | IE2                        |
|                                                        | 10<br>13<br>15<br>17<br>19<br>23<br>27                   | 464<br>386<br>331<br>291<br>258<br>217<br>185                      | 137,91<br>114,14<br>97,62<br>85,60<br>75,68<br>63,65<br>54,12                             | 10229<br>9817<br>9468<br>9171<br>8892<br>8502<br>8140                        | 1,3<br>1,6<br>1,8<br>2,1<br>2,3<br>2,8<br>3,2                      | MR283-2E80M/4B<br>NR283-2E80M/4B | 1,45             | 47<br>50             | 112          | IE2                        |
|                                                        | 9,7                                                      | 509                                                                | 96,52                                                                                     | 6289                                                                         | 0,9                                                                | MR273-2E80M/6B<br>NR273-2E80M/6B | 1,50             | 31<br>34             | 110          | IE2                        |
|                                                        | 10<br>12<br>13<br>15<br>17<br>20<br>24<br>28<br>34<br>39 | 473<br>414<br>388<br>330<br>287<br>251<br>208<br>174<br>146<br>126 | 138,55<br>121,03<br>113,52<br>96,52<br>83,83<br>73,35<br>60,66<br>50,59<br>42,41<br>36,55 | 6598<br>7030<br>7199<br>7553<br>7789<br>7970<br>7896<br>7388<br>6930<br>6568 | 1,0<br>1,1<br>1,2<br>1,4<br>1,6<br>1,8<br>2,2<br>2,6<br>3,1<br>3,6 | MR273-2E80M/4B<br>NR273-2E80M/4B | 1,45             | 32<br>35             | 110          | IE2                        |
|                                                        | 14<br>16<br>17                                           | 359<br>314<br>295                                                  | 68,03<br>59,43<br>55,74                                                                   | 7417<br>7446<br>7352                                                         | 0,8<br>0,9<br>0,9                                                  | MR203-2E80M/6B<br>NR203-2E80M/6B | 1,50             | 34<br>35             | 109          | IE2                        |
|                                                        | 21<br>24<br>26<br>30<br>33<br>35                         | 233<br>204<br>191<br>163<br>151<br>141                             | 68,03<br>59,43<br>55,74<br>47,39<br>43,94<br>41,16                                        | 6986<br>6773<br>6671<br>6411<br>6290<br>6185                                 | 1,2<br>1,4<br>1,5<br>1,7<br>1,9<br>2,0                             | MR203-2E80M/4B<br>NR203-2E80M/4B | 1,45             | 33<br>35             | 109          | IE2                        |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per. O. Loads<br>(Output) | IE3<br>Servis Faktörü            | Tipi           | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|------------------------------------------------------------|----------------------------------|----------------|------------------|----------------------|-----------------|-------------------------------|
| Power<br>Output<br>Speeds                              |                                                       | Output<br>Torque                                    | Ratio            |                                                            | Service<br>Factors               | Type           | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul. Querkkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]      | Betriebsfaktor<br>f <sub>s</sub> | Typ            | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 0,55<br>0,75                                           | 40                                                    | 124                                                 | 36,02            | 5973                                                       | 2,3                              | MR203-2E80M/4B | 1,45             | 33                   | 109             | IE2                           |
|                                                        | 51                                                    | 97                                                  | 28,35            | 6418                                                       | 2,9                              | NR203-2E80M/4B |                  | 35                   |                 |                               |
|                                                        | 58                                                    | 85                                                  | 24,77            | 6107                                                       | 3,2                              |                |                  |                      |                 |                               |
|                                                        | 62                                                    | 80                                                  | 23,23            | 5966                                                       | 3,4                              |                |                  |                      |                 |                               |
|                                                        | 21                                                    | 236                                                 | 69,16            | 4033                                                       | 0,8                              | MR173-2E80M/4B | 1,45             | 22                   | 108             | IE2                           |
|                                                        | 25                                                    | 198                                                 | 57,76            | 3944                                                       | 1,0                              | NR173-2E80M/4B |                  | 24                   |                 |                               |
|                                                        | 29                                                    | 171                                                 | 49,81            | 3857                                                       | 1,2                              |                |                  |                      |                 |                               |
|                                                        | 31                                                    | 157                                                 | 45,90            | 3804                                                       | 1,3                              |                |                  |                      |                 |                               |
|                                                        | 34                                                    | 147                                                 | 42,87            | 3758                                                       | 1,4                              |                |                  |                      |                 |                               |
|                                                        | 40                                                    | 124                                                 | 36,24            | 3639                                                       | 1,6                              |                |                  |                      |                 |                               |
|                                                        | 48                                                    | 104                                                 | 30,26            | 3503                                                       | 1,9                              |                |                  |                      |                 |                               |
|                                                        | 55                                                    | 90                                                  | 26,10            | 3388                                                       | 2,2                              |                |                  |                      |                 |                               |
|                                                        | 69                                                    | 73                                                  | 20,92            | 3816                                                       | 2,7                              | MR172-2E80M/4B | 1,45             | 21                   | 108             | IE2                           |
|                                                        | 79                                                    | 64                                                  | 18,28            | 3633                                                       | 3,1                              | NR172-2E80M/4B |                  | 23                   |                 |                               |
|                                                        | 29                                                    | 173                                                 | 50,51            | 2432                                                       | 0,8                              | MR103-2E80M/4B | 1,45             | 22                   | 107             | IE2                           |
|                                                        | 32                                                    | 153                                                 | 44,60            | 2414                                                       | 0,9                              | NR103-2E80M/4B |                  | 23                   |                 |                               |
|                                                        | 35                                                    | 143                                                 | 41,66            | 2401                                                       | 1,0                              |                |                  |                      |                 |                               |
|                                                        | 41                                                    | 121                                                 | 35,21            | 2358                                                       | 1,2                              |                |                  |                      |                 |                               |
|                                                        | 45                                                    | 111                                                 | 32,25            | 2331                                                       | 1,3                              |                |                  |                      |                 |                               |
|                                                        | 49                                                    | 101                                                 | 29,40            | 2300                                                       | 1,4                              |                |                  |                      |                 |                               |
|                                                        | 58                                                    | 85                                                  | 24,86            | 2178                                                       | 1,5                              |                |                  |                      |                 |                               |
|                                                        | 66                                                    | 75                                                  | 21,96            | 2134                                                       | 1,6                              |                |                  |                      |                 |                               |
|                                                        | 70                                                    | 70                                                  | 20,51            | 2108                                                       | 1,7                              |                |                  |                      |                 |                               |
|                                                        | 83                                                    | 60                                                  | 17,33            | 2042                                                       | 1,8                              |                |                  |                      |                 |                               |
|                                                        | 90                                                    | 56                                                  | 15,95            | 2045                                                       | 2,1                              | MR102-2E80M/4B | 1,45             | 21                   | 107             | IE2                           |
|                                                        | 102                                                   | 49                                                  | 14,08            | 1988                                                       | 2,2                              | NR102-2E80M/4B |                  | 22                   |                 |                               |
|                                                        | 109                                                   | 46                                                  | 13,15            | 1956                                                       | 2,3                              |                |                  |                      |                 |                               |
|                                                        | 130                                                   | 39                                                  | 11,12            | 1877                                                       | 2,6                              |                |                  |                      |                 |                               |
|                                                        | 141                                                   | 36                                                  | 10,18            | 1836                                                       | 2,8                              |                |                  |                      |                 |                               |
|                                                        | 155                                                   | 32                                                  | 9,29             | 1793                                                       | 2,9                              |                |                  |                      |                 |                               |
|                                                        | 180                                                   | 28                                                  | 8,01             | 1724                                                       | 3,2                              |                |                  |                      |                 |                               |
|                                                        | 208                                                   | 24                                                  | 6,93             | 1641                                                       | 3,7                              |                |                  |                      |                 |                               |
|                                                        | 45                                                    | 109                                                 | 32,02            | 746                                                        | 0,8                              | MR003-2E80M/4B | 1,45             | 18                   | 106             | IE2                           |
|                                                        | 51                                                    | 97                                                  | 28,38            | 908                                                        | 0,8                              | NR003-2E80M/4B |                  | 19                   |                 |                               |
|                                                        | 60                                                    | 83                                                  | 24,13            | 1128                                                       | 1,0                              |                |                  |                      |                 |                               |
|                                                        | 68                                                    | 73                                                  | 21,26            | 1206                                                       | 1,1                              |                |                  |                      |                 |                               |
|                                                        | 70                                                    | 71                                                  | 20,66            | 1290                                                       | 1,2                              |                |                  |                      |                 |                               |
|                                                        | 75                                                    | 66                                                  | 19,17            | 1353                                                       | 1,2                              |                |                  |                      |                 |                               |
|                                                        | 79                                                    | 62                                                  | 18,20            | 1343                                                       | 1,3                              |                |                  |                      |                 |                               |
|                                                        | 85                                                    | 58                                                  | 16,89            | 1396                                                       | 1,4                              |                |                  |                      |                 |                               |
|                                                        | 98                                                    | 50                                                  | 14,67            | 1412                                                       | 1,6                              |                |                  |                      |                 |                               |
|                                                        | 106                                                   | 47                                                  | 13,61            | 1450                                                       | 1,7                              |                |                  |                      |                 |                               |
|                                                        | 129                                                   | 39                                                  | 11,14            | 1789                                                       | 1,7                              | MR002-2E80M/4B | 1,45             | 16                   | 106             | IE2                           |
|                                                        | 146                                                   | 34                                                  | 9,87             | 1772                                                       | 2,3                              | NR002-2E80M/4B |                  | 17                   |                 |                               |
|                                                        | 166                                                   | 30                                                  | 8,70             | 1738                                                       | 2,4                              |                |                  |                      |                 |                               |
|                                                        | 170                                                   | 29                                                  | 8,45             | 1758                                                       | 2,5                              |                |                  |                      |                 |                               |
|                                                        | 184                                                   | 27                                                  | 7,84             | 1747                                                       | 2,6                              |                |                  |                      |                 |                               |
|                                                        | 193                                                   | 26                                                  | 7,45             | 1719                                                       | 2,7                              |                |                  |                      |                 |                               |
|                                                        | 208                                                   | 24                                                  | 6,91             | 1706                                                       | 2,9                              |                |                  |                      |                 |                               |
|                                                        | 240                                                   | 21                                                  | 6,00             | 1651                                                       | 3,1                              |                |                  |                      |                 |                               |
|                                                        | 259                                                   | 19                                                  | 5,57             | 1636                                                       | 3,3                              |                |                  |                      |                 |                               |
|                                                        | 316                                                   | 16                                                  | 4,56             | 1528                                                       | 3,6                              |                |                  |                      |                 |                               |



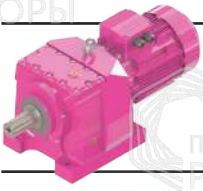


## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3 Çıkış Devri                                       | IE3 Çıkış Momenti                                   | Çevrim Oranı     | IE3 Güv. Rad. Yük Çıkış                             | IE3 Servis Faktörü               | Tipi           | Anma Akımı       | Ağırlık              | Ölçü Sayfası | Motor Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|----------------|------------------|----------------------|--------------|----------------------------|
| Power                                                  | Output Speeds                                         | Output Torque                                       | Ratio            | Per.O. Loads (Output)                               | Service Factors                  | Type           | Rated Current    | Weight               | Dim. Page    | Motor Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ            | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite   | Motor Effizienz-<br>klasse |
| 0,55<br>0,75                                           | 369                                                   | 14                                                  | 3,90             | 1494                                                | 4,0                              | MR002-2E80M/4B | 1,45             | 16                   | 106          | IE2                        |
|                                                        | 398                                                   | 13                                                  | 3,62             | 1476                                                | 4,0                              | NR002-2E80M/4B |                  | 17                   |              |                            |
| 0,75<br>1,0                                            | 404                                                   | 12                                                  | 6,91             | 1482                                                | 4,0                              | MR002-2E71M/2B | 1,25             | 14                   | 106          | IE2                        |
|                                                        | 465                                                   | 11                                                  | 6,00             | 1410                                                | 4,0                              | NR002-2E71M/2B |                  | 15                   |              |                            |
|                                                        | 501                                                   | 10                                                  | 5,57             | 1373                                                | 4,0                              |                |                  |                      |              |                            |
|                                                        | 612                                                   | 8,2                                                 | 4,56             | 1283                                                | 4,0                              |                |                  |                      |              |                            |
|                                                        | 715                                                   | 7,0                                                 | 3,90             | 1213                                                | 4,0                              |                |                  |                      |              |                            |
|                                                        | 771                                                   | 6,5                                                 | 3,62             | 1181                                                | 4,0                              |                |                  |                      |              |                            |
|                                                        |                                                       |                                                     |                  |                                                     |                                  |                |                  |                      |              |                            |
| 0,75<br>1,0                                            | 0,27                                                  | 23053                                               | 5357,43          | 51426                                               | 0,8                              | MR976-3E80M/4D | 1,77             | 1093                 | 135          | IE3                        |
|                                                        | 0,32                                                  | 19298                                               | 4474,67          | 86315                                               | 0,9                              | NR976-3E80M/4D |                  | 1143                 |              |                            |
|                                                        | 0,34                                                  | 18245                                               | 4227,50          | 93574                                               | 1,0                              |                |                  |                      |              |                            |
|                                                        | 0,40                                                  | 15535                                               | 3594,81          | 108770                                              | 1,2                              |                |                  |                      |              |                            |
|                                                        | 0,51                                                  | 12298                                               | 2836,64          | 123352                                              | 1,5                              |                |                  |                      |              |                            |
|                                                        | 0,71                                                  | 8968                                                | 2027,97          | 135224                                              | 2,0                              | MR975-3E80M/4D | 1,77             | 1091                 | 135          | IE3                        |
|                                                        | 0,80                                                  | 8057                                                | 1820,78          | 138145                                              | 2,2                              | NR975-3E80M/4D |                  | 1141                 |              |                            |
|                                                        | 0,93                                                  | 6863                                                | 1552,10          | 141735                                              | 2,6                              |                |                  |                      |              |                            |
|                                                        | 1,1                                                   | 6056                                                | 1368,27          | 144020                                              | 3,0                              |                |                  |                      |              |                            |
|                                                        | 1,2                                                   | 5376                                                | 1213,85          | 145857                                              | 3,3                              |                |                  |                      |              |                            |
|                                                        | 0,42                                                  | 14764                                               | 3441,02          | 60861                                               | 0,9                              | MR876-3E80M/4D | 1,77             | 608                  | 132          | IE3                        |
|                                                        | 0,50                                                  | 12443                                               | 2894,28          | 75635                                               | 1,0                              | NR876-3E80M/4D |                  | 613                  |              |                            |
|                                                        | 0,59                                                  | 10599                                               | 2460,65          | 84867                                               | 1,2                              |                |                  |                      |              |                            |
|                                                        | 0,69                                                  | 9097                                                | 2108,33          | 91252                                               | 1,4                              |                |                  |                      |              |                            |
|                                                        | 0,75                                                  | 8471                                                | 1924,32          | 93667                                               | 1,5                              | MR875-3E80M/4D | 1,77             | 605                  | 132          | IE3                        |
|                                                        | 0,85                                                  | 7498                                                | 1700,56          | 97048                                               | 1,7                              | NR875-3E80M/4D |                  | 610                  |              |                            |
|                                                        | 0,95                                                  | 6710                                                | 1521,55          | 99810                                               | 1,9                              |                |                  |                      |              |                            |
|                                                        | 1,1                                                   | 5902                                                | 1336,15          | 102338                                              | 2,2                              |                |                  |                      |              |                            |
|                                                        | 1,2                                                   | 5351                                                | 1210,51          | 103968                                              | 2,4                              |                |                  |                      |              |                            |
|                                                        | 1,4                                                   | 4630                                                | 1049,18          | 105993                                              | 2,8                              |                |                  |                      |              |                            |
|                                                        | 1,6                                                   | 4046                                                | 915,85           | 107547                                              | 3,2                              |                |                  |                      |              |                            |
|                                                        | 1,8                                                   | 3573                                                | 807,91           | 108753                                              | 3,6                              |                |                  |                      |              |                            |
|                                                        | 0,81                                                  | 7871                                                | 1791,91          | 49401                                               | 1,0                              | MR775-3E80M/4D | 1,77             | 260                  | 129          | IE3                        |
|                                                        | 0,91                                                  | 6987                                                | 1589,68          | 52618                                               | 1,1                              | NR775-3E80M/4D |                  | 318                  |              |                            |
|                                                        | 1,0                                                   | 6234                                                | 1417,41          | 55079                                               | 1,3                              |                |                  |                      |              |                            |
|                                                        | 1,2                                                   | 5518                                                | 1252,60          | 57207                                               | 1,4                              |                |                  |                      |              |                            |
|                                                        | 1,3                                                   | 4939                                                | 1120,74          | 58706                                               | 1,6                              |                |                  |                      |              |                            |
|                                                        | 1,5                                                   | 4345                                                | 984,18           | 60240                                               | 1,8                              |                |                  |                      |              |                            |
|                                                        | 1,6                                                   | 4134                                                | 594,92           | 60775                                               | 1,9                              | MR774-3E90S/6B | 1,96             | 241                  | 128          | IE3                        |
|                                                        | 1,8                                                   | 3700                                                | 532,29           | 61799                                               | 2,2                              | NR774-3E90S/6B |                  | 299                  |              |                            |
|                                                        | 2,0                                                   | 3255                                                | 467,43           | 62793                                               | 2,5                              |                |                  |                      |              |                            |
|                                                        | 2,3                                                   | 2915                                                | 418,17           | 63516                                               | 2,7                              |                |                  |                      |              |                            |
|                                                        | 2,4                                                   | 2694                                                | 594,92           | 63960                                               | 3,0                              | MR774-3E80M/4D | 1,77             | 230                  | 128          | IE3                        |
|                                                        | 2,7                                                   | 2411                                                | 532,29           | 64524                                               | 3,3                              | NR774-3E80M/4D |                  | 283                  |              |                            |
|                                                        | 3,1                                                   | 2121                                                | 467,43           | 65082                                               | 3,8                              |                |                  |                      |              |                            |
|                                                        | 3,5                                                   | 1900                                                | 418,17           | 66231                                               | 4,0                              |                |                  |                      |              |                            |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                                       | IE3<br>Çıkış Momenti                                                              | Çevrim Oranı                                                                                               | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output)                                       | IE3<br>Servis Faktörü                                                     | Tipi                             | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------|------------------|----------------------|-----------------|-------------------------------|
| Power<br>Output<br>Speeds                              |                                                                          | Output<br>Torque                                                                  | Ratio                                                                                                      |                                                                                                 | Service<br>Factors                                                        | Type                             | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m]                    | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm]                               | Übersetzung<br>i                                                                                           | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]                                             | Betriebsfaktor<br>f <sub>s</sub>                                          | Typ                              | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 0,75<br>1,0                                            | 1,5<br>1,7                                                               | 4388<br>3860                                                                      | 995,91<br>874,56                                                                                           | 25927<br>28823                                                                                  | 1,0<br>1,1                                                                | MR675-3E80M/4D<br>NR675-3E80M/4D | 1,77             | 241<br>252           | 126             | IE3                           |
|                                                        | 1,9<br>2,1<br>2,5                                                        | 3476<br>3077<br>2618                                                              | 500,39<br>442,20<br>376,69                                                                                 | 30699<br>32446<br>34190                                                                         | 1,2<br>1,4<br>1,6                                                         | MR674-3E90S/6B<br>NR674-3E90S/6B | 1,96             | 229<br>239           | 125             | IE3                           |
|                                                        | 2,9<br>3,3<br>3,8<br>4,5<br>5,2<br>5,9<br>6,7                            | 2265<br>2005<br>1706<br>1469<br>1276<br>1117<br>983                               | 500,39<br>442,20<br>376,69<br>323,82<br>281,02<br>245,67<br>215,97                                         | 35432<br>36291<br>37214<br>37899<br>38425<br>38842<br>40060                                     | 1,9<br>2,1<br>2,5<br>2,9<br>3,4<br>3,8<br>4,0                             | MR674-3E80M/4D<br>NR674-3E80M/4D | 1,77             | 226<br>236           | 125             | IE3                           |
|                                                        | 2,4                                                                      | 2797                                                                              | 402,12                                                                                                     | 21008                                                                                           | 1,1                                                                       | MR574-3E90S/6B<br>NR574-3E90S/6B | 1,96             | 145<br>141           | 122             | IE3                           |
|                                                        | 2,5<br>3,0<br>3,6<br>4,2<br>4,8<br>5,0<br>5,6<br>6,5<br>7,5<br>8,4<br>10 | 2596<br>2197<br>1823<br>1560<br>1371<br>1322<br>1176<br>1007<br>884<br>783<br>660 | 574,90<br>485,89<br>402,12<br>343,91<br>301,59<br>291,25<br>258,87<br>221,40<br>194,15<br>171,64<br>144,37 | 22116<br>24064<br>25640<br>26587<br>27250<br>27413<br>27885<br>28404<br>28760<br>29042<br>30258 | 1,2<br>1,4<br>1,6<br>1,9<br>2,2<br>2,3<br>2,6<br>3,0<br>3,4<br>3,8<br>4,0 | MR574-3E80M/4D<br>NR574-3E80M/4D | 1,77             | 138<br>135           | 122             | IE3                           |
|                                                        | 3,5<br>4,2                                                               | 1894<br>1571                                                                      | 418,16<br>346,07                                                                                           | 8853<br>15203                                                                                   | 0,8<br>1,0                                                                | MR474-3E80M/4D<br>NR474-3E80M/4D | 1,77             | 138<br>142           | 119             | IE3                           |
|                                                        | 4,3<br>4,9<br>6,0                                                        | 1551<br>1374<br>1120                                                              | 219,00<br>194,05<br>157,90                                                                                 | 15551<br>17820<br>20498                                                                         | 1,0<br>1,1<br>1,4                                                         | MR473-3E90S/6B<br>NR473-3E90S/6B | 1,96             | 99<br>101            | 118             | IE3                           |
|                                                        | 6,6<br>7,5<br>9,2<br>10<br>12<br>13<br>16                                | 1014<br>899<br>733<br>648<br>580<br>510<br>427                                    | 219,00<br>194,05<br>157,90<br>139,54<br>124,85<br>109,64<br>91,58                                          | 21451<br>22407<br>23603<br>23025<br>23225<br>21522<br>20436                                     | 1,5<br>1,7<br>2,1<br>2,4<br>2,7<br>3,0<br>3,6                             | MR473-3E80M/4D<br>NR473-3E80M/4D | 1,77             | 95<br>98             | 118             | IE3                           |
|                                                        | 6,8<br>8,5                                                               | 982<br>791                                                                        | 138,72<br>111,67                                                                                           | 8562<br>12140                                                                                   | 0,8<br>1,0                                                                | MR373-3E90S/6B<br>NR373-3E90S/6B | 1,96             | 59<br>61             | 115             | IE3                           |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3 Çıkış Devri                                       | IE3 Çıkış Momenti                                   | Çevrim Oranı     | IE3 Güv. Rad. Yük Çıkış                             | IE3 Servis Faktörü               | Tipi                             | Anma Akımı       | Ağırlık              | Ölçü Sayfası | Motor Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|----------------------------------|------------------|----------------------|--------------|----------------------------|
| Power                                                  | Output Speeds                                         | Output Torque                                       | Ratio            | Per.O. Loads (Output)                               | Service Factors                  | Type                             | Rated Current    | Weight               | Dim. Page    | Motor Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ                              | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite   | Motor Effizienz-<br>klasse |
| 0,75<br>1,0                                            | 9,2                                                   | 729                                                 | 157,76           | 12354                                               | 1,1                              | MR373-3E80M/4D                   | 1,77             | 54                   | 115          | IE3                        |
|                                                        | 10                                                    | 642                                                 | 138,72           | 12049                                               | 1,3                              | NR373-3E80M/4D                   |                  | 56                   |              |                            |
|                                                        | 13                                                    | 517                                                 | 111,67           | 11507                                               | 1,6                              |                                  |                  |                      |              |                            |
|                                                        | 15                                                    | 454                                                 | 97,92            | 11168                                               | 1,8                              |                                  |                  |                      |              |                            |
|                                                        | 17                                                    | 402                                                 | 86,57            | 10846                                               | 2,0                              |                                  |                  |                      |              |                            |
|                                                        | 20                                                    | 339                                                 | 72,81            | 10391                                               | 2,4                              |                                  |                  |                      |              |                            |
|                                                        | 23                                                    | 288                                                 | 61,91            | 9965                                                | 2,8                              |                                  |                  |                      |              |                            |
|                                                        | 27                                                    | 247                                                 | 53,04            | 9564                                                | 3,3                              |                                  |                  |                      |              |                            |
|                                                        | 30                                                    | 224                                                 | 48,00            | 9307                                                | 3,7                              |                                  |                  |                      |              |                            |
|                                                        | 9,7                                                   | 692                                                 | 97,62            | 7187                                                | 0,9                              | MR283-3E90S/6B<br>NR283-3E90S/6B | 1,96             | 46<br>48             | 112          | IE3                        |
|                                                        | 11                                                    | 638                                                 | 137,91           | 8472                                                | 0,9                              | MR283-3E80M/4D                   | 1,77             | 44                   | 112          | IE3                        |
|                                                        | 13                                                    | 529                                                 | 114,14           | 9240                                                | 1,1                              | NR283-3E80M/4D                   |                  | 49                   |              |                            |
|                                                        | 15                                                    | 453                                                 | 97,62            | 8974                                                | 1,3                              |                                  |                  |                      |              |                            |
|                                                        | 17                                                    | 397                                                 | 85,60            | 8738                                                | 1,5                              |                                  |                  |                      |              |                            |
|                                                        | 19                                                    | 352                                                 | 75,68            | 8509                                                | 1,7                              |                                  |                  |                      |              |                            |
|                                                        | 23                                                    | 296                                                 | 63,65            | 8180                                                | 2,0                              |                                  |                  |                      |              |                            |
|                                                        | 27                                                    | 252                                                 | 54,12            | 7866                                                | 2,4                              |                                  |                  |                      |              |                            |
|                                                        | 31                                                    | 216                                                 | 46,37            | 7567                                                | 2,6                              |                                  |                  |                      |              |                            |
|                                                        | 35                                                    | 196                                                 | 41,96            | 7374                                                | 2,8                              |                                  |                  |                      |              |                            |
|                                                        | 12                                                    | 561                                                 | 121,03           | 5581                                                | 0,8                              | MR273-3E80M/4D                   | 1,77             | 35                   | 110          | IE3                        |
|                                                        | 13                                                    | 526                                                 | 113,52           | 5868                                                | 0,9                              | NR273-3E80M/4D                   |                  | 37                   |              |                            |
|                                                        | 15                                                    | 448                                                 | 96,52            | 6462                                                | 1,0                              |                                  |                  |                      |              |                            |
|                                                        | 17                                                    | 389                                                 | 83,83            | 6842                                                | 1,2                              |                                  |                  |                      |              |                            |
|                                                        | 20                                                    | 341                                                 | 73,35            | 7104                                                | 1,3                              |                                  |                  |                      |              |                            |
|                                                        | 24                                                    | 282                                                 | 60,66            | 7338                                                | 1,6                              |                                  |                  |                      |              |                            |
|                                                        | 29                                                    | 236                                                 | 50,59            | 7441                                                | 1,9                              |                                  |                  |                      |              |                            |
|                                                        | 34                                                    | 198                                                 | 42,41            | 7036                                                | 2,3                              |                                  |                  |                      |              |                            |
|                                                        | 40                                                    | 171                                                 | 36,55            | 6660                                                | 2,6                              |                                  |                  |                      |              |                            |
|                                                        | 48                                                    | 142                                                 | 30,48            | 6232                                                | 3,2                              |                                  |                  |                      |              |                            |
|                                                        | 21                                                    | 316                                                 | 68,03            | 6569                                                | 0,9                              | MR203-3E80M/4D                   | 1,77             | 33                   | 109          | IE3                        |
|                                                        | 24                                                    | 276                                                 | 59,43            | 6409                                                | 1,0                              | NR203-3E80M/4D                   |                  | 35                   |              |                            |
|                                                        | 26                                                    | 259                                                 | 55,74            | 6329                                                | 1,1                              |                                  |                  |                      |              |                            |
|                                                        | 31                                                    | 221                                                 | 47,39            | 6121                                                | 1,3                              |                                  |                  |                      |              |                            |
|                                                        | 33                                                    | 205                                                 | 43,94            | 6021                                                | 1,4                              |                                  |                  |                      |              |                            |
|                                                        | 35                                                    | 192                                                 | 41,16            | 5933                                                | 1,5                              |                                  |                  |                      |              |                            |
|                                                        | 40                                                    | 168                                                 | 36,02            | 5752                                                | 1,7                              |                                  |                  |                      |              |                            |
|                                                        | 51                                                    | 132                                                 | 28,35            | 6540                                                | 2,1                              |                                  |                  |                      |              |                            |
|                                                        | 59                                                    | 115                                                 | 24,77            | 6214                                                | 2,4                              |                                  |                  |                      |              |                            |
|                                                        | 62                                                    | 108                                                 | 23,23            | 6067                                                | 2,5                              |                                  |                  |                      |              |                            |
|                                                        | 63                                                    | 109                                                 | 23,01            | 5957                                                | 2,6                              | MR202-3E80M/4D                   | 1,77             | 33                   | 109          | IE3                        |
|                                                        | 72                                                    | 95                                                  | 20,10            | 5671                                                | 2,7                              | NR202-3E80M/4D                   |                  | 34                   |              |                            |
|                                                        | 77                                                    | 89                                                  | 18,85            | 5541                                                | 2,9                              |                                  |                  |                      |              |                            |
|                                                        | 90                                                    | 76                                                  | 16,03            | 5227                                                | 3,2                              |                                  |                  |                      |              |                            |
|                                                        | 29                                                    | 231                                                 | 49,81            | 3498                                                | 0,9                              | MR173-3E80M/4D                   | 1,77             | 23                   | 108          | IE3                        |
|                                                        | 32                                                    | 213                                                 | 45,90            | 3473                                                | 0,9                              | NR173-3E80M/4D                   |                  | 24                   |              |                            |
|                                                        | 34                                                    | 199                                                 | 42,87            | 3449                                                | 1,0                              |                                  |                  |                      |              |                            |
|                                                        | 40                                                    | 169                                                 | 36,24            | 3377                                                | 1,2                              |                                  |                  |                      |              |                            |
|                                                        | 48                                                    | 141                                                 | 30,26            | 3285                                                | 1,4                              |                                  |                  |                      |              |                            |
|                                                        | 56                                                    | 122                                                 | 26,10            | 3200                                                | 1,6                              |                                  |                  |                      |              |                            |





## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü | Tipi           | Anma<br>Akımı    | Ağırlık | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------|-----------------------------|------------------------------|--------------|-----------------------------------------------------------|-----------------------|----------------|------------------|---------|-----------------|-------------------------------|
| Power                                      | Output<br>Speeds            | Output<br>Torque             | Ratio        |                                                           | Service<br>Factors    | Type           | Rated<br>Current | Weight  | Dim. Page       | Motor<br>Eff. Class           |
| Leistung                                   | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Übersetzung  | Zul.Querkräfte<br>(Abtrieb)                               | Betriebsfaktor        | Typ            | Nennstrom        | Gewicht | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]      | M <sub>2</sub> [Nm]          | i            | F <sub>qam</sub> [N]                                      | f <sub>s</sub>        |                | [A]              | [kg]    |                 |                               |
| 0,75<br>1,0                                | 69                          | 99                           | 20,92        | 3487                                                      | 2,0                   | MR172-3E80M/4D | 1,77             | 23      | 108             | IE3                           |
|                                            | 79                          | 87                           | 18,28        | 3476                                                      | 2,3                   | NR172-3E80M/4D |                  | 25      |                 |                               |
|                                            | 85                          | 81                           | 17,14        | 3464                                                      | 2,5                   |                |                  |         |                 |                               |
|                                            | 99                          | 69                           | 14,57        | 3394                                                      | 2,8                   |                |                  |         |                 |                               |
|                                            | 115                         | 60                           | 12,66        | 3224                                                      | 3,2                   |                |                  |         |                 |                               |
|                                            | 131                         | 53                           | 11,08        | 3071                                                      | 3,4                   |                |                  |         |                 |                               |
|                                            | 41                          | 164                          | 35,21        | 2088                                                      | 0,9                   | MR103-3E80M/4D | 1,77             | 22      | 107             | IE3                           |
|                                            | 45                          | 150                          | 32,25        | 2084                                                      | 0,9                   | NR103-3E80M/4D |                  | 25      |                 |                               |
|                                            | 49                          | 137                          | 29,40        | 2074                                                      | 1,0                   |                |                  |         |                 |                               |
|                                            | 58                          | 116                          | 24,86        | 1965                                                      | 1,1                   |                |                  |         |                 |                               |
|                                            | 66                          | 102                          | 21,96        | 1946                                                      | 1,2                   |                |                  |         |                 |                               |
|                                            | 71                          | 96                           | 20,51        | 1933                                                      | 1,3                   |                |                  |         |                 |                               |
|                                            | 84                          | 81                           | 17,33        | 1894                                                      | 1,4                   |                |                  |         |                 |                               |
|                                            | 91                          | 75                           | 15,95        | 1923                                                      | 1,5                   | MR102-3E80M/4D | 1,77             | 22      | 107             | IE3                           |
|                                            | 103                         | 67                           | 14,08        | 1880                                                      | 1,7                   | NR102-3E80M/4D |                  | 23      |                 |                               |
|                                            | 110                         | 62                           | 13,15        | 1855                                                      | 1,7                   |                |                  |         |                 |                               |
|                                            | 130                         | 53                           | 11,12        | 1792                                                      | 1,9                   |                |                  |         |                 |                               |
|                                            | 142                         | 48                           | 10,18        | 1758                                                      | 2,1                   |                |                  |         |                 |                               |
|                                            | 156                         | 44                           | 9,29         | 1722                                                      | 2,2                   |                |                  |         |                 |                               |
|                                            | 181                         | 38                           | 8,01         | 1663                                                      | 2,4                   |                |                  |         |                 |                               |
|                                            | 209                         | 33                           | 6,93         | 1582                                                      | 2,7                   |                |                  |         |                 |                               |
|                                            | 224                         | 31                           | 6,48         | 1556                                                      | 2,8                   |                |                  |         |                 |                               |
|                                            | 265                         | 26                           | 5,47         | 1492                                                      | 3,1                   |                |                  |         |                 |                               |
|                                            | 289                         | 24                           | 5,01         | 1459                                                      | 3,4                   |                |                  |         |                 |                               |
|                                            | 317                         | 22                           | 4,57         | 1424                                                      | 3,5                   |                |                  |         |                 |                               |
|                                            | 60                          | 112                          | 24,13        | 276                                                       | 0,7                   | MR003-3E80M/4D | 1,77             | 19      | 106             | IE3                           |
|                                            | 68                          | 99                           | 21,26        | 434                                                       | 0,8                   | NR003-3E80M/4D |                  | 20      |                 |                               |
|                                            | 70                          | 96                           | 20,66        | 560                                                       | 0,9                   |                |                  |         |                 |                               |
|                                            | 76                          | 89                           | 19,17        | 676                                                       | 0,9                   |                |                  |         |                 |                               |
|                                            | 80                          | 85                           | 18,20        | 683                                                       | 1,0                   |                |                  |         |                 |                               |
|                                            | 86                          | 79                           | 16,89        | 783                                                       | 1,0                   |                |                  |         |                 |                               |
|                                            | 99                          | 68                           | 14,67        | 857                                                       | 1,2                   |                |                  |         |                 |                               |
|                                            | 107                         | 63                           | 13,61        | 934                                                       | 1,3                   |                |                  |         |                 |                               |
|                                            | 130                         | 53                           | 11,14        | 1465                                                      | 1,2                   | MR002-3E80M/4D | 1,77             | 19      | 106             | IE3                           |
|                                            | 147                         | 47                           | 9,87         | 1480                                                      | 1,7                   | NR002-3E80M/4D |                  | 20      |                 |                               |
|                                            | 167                         | 41                           | 8,70         | 1472                                                      | 1,8                   |                |                  |         |                 |                               |
|                                            | 172                         | 40                           | 8,45         | 1508                                                      | 1,8                   |                |                  |         |                 |                               |
|                                            | 185                         | 37                           | 7,84         | 1515                                                      | 1,9                   |                |                  |         |                 |                               |
|                                            | 195                         | 35                           | 7,45         | 1491                                                      | 2,0                   |                |                  |         |                 |                               |
|                                            | 210                         | 33                           | 6,91         | 1495                                                      | 2,1                   |                |                  |         |                 |                               |
|                                            | 242                         | 28                           | 6,00         | 1458                                                      | 2,3                   |                |                  |         |                 |                               |
|                                            | 260                         | 26                           | 5,57         | 1457                                                      | 2,4                   |                |                  |         |                 |                               |
|                                            | 318                         | 22                           | 4,56         | 1360                                                      | 2,7                   |                |                  |         |                 |                               |
|                                            | 372                         | 19                           | 3,90         | 1350                                                      | 3,0                   |                |                  |         |                 |                               |
|                                            | 401                         | 17                           | 3,62         | 1343                                                      | 3,1                   |                |                  |         |                 |                               |
|                                            | 417                         | 16                           | 6,91         | 1421                                                      | 3,3                   | MR002-3E80M/2B | 1,59             | 19      | 106             | IE3                           |
|                                            | 480                         | 14                           | 6,00         | 1371                                                      | 3,6                   | NR002-3E80M/2B |                  | 20      |                 |                               |
|                                            | 517                         | 13                           | 5,57         | 1355                                                      | 3,9                   |                |                  |         |                 |                               |
|                                            | 632                         | 11                           | 4,56         | 1266                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 738                         | 9,3                          | 3,90         | 1223                                                      | 4,0                   |                |                  |         |                 |                               |
|                                            | 796                         | 8,6                          | 3,62         | 1190                                                      | 4,0                   |                |                  |         |                 |                               |

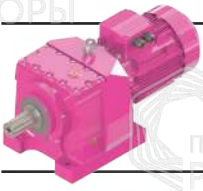


## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış                       | IE3<br>Servis Faktörü            | Tipi           | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|----------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio            | Per.O. Loads<br>(Output)                            | Service<br>Factors               | Type           | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ            | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 1,1<br>1,5                                             | 0,40                                                  | 22784                                               | 3594,81          | 54822                                               | 0,8                              | MR976-3E90S/4C | 2,46             | 1097                 | 135             | IE3                           |
|                                                        | 0,51                                                  | 18037                                               | 2836,64          | 94915                                               | 1,0                              | NR976-3E90S/4C |                  | 1147                 |                 |                               |
|                                                        | 0,71                                                  | 13153                                               | 2027,97          | 119815                                              | 1,4                              | MR975-3E90S/4C | 2,46             | 1095                 | 135             | IE3                           |
|                                                        | 0,80                                                  | 11817                                               | 1820,78          | 125260                                              | 1,5                              | NR975-3E90S/4C |                  | 1145                 |                 |                               |
|                                                        | 0,93                                                  | 10066                                               | 1552,10          | 131719                                              | 1,8                              |                |                  |                      |                 |                               |
|                                                        | 1,1                                                   | 8881                                                | 1368,27          | 135508                                              | 2,0                              |                |                  |                      |                 |                               |
|                                                        | 1,2                                                   | 7885                                                | 1213,85          | 138679                                              | 2,3                              |                |                  |                      |                 |                               |
|                                                        | 1,3                                                   | 7035                                                | 1082,31          | 141234                                              | 2,6                              |                |                  |                      |                 |                               |
|                                                        | 1,6                                                   | 5960                                                | 914,74           | 144282                                              | 3,0                              |                |                  |                      |                 |                               |
|                                                        | 1,7                                                   | 5488                                                | 842,80           | 145559                                              | 3,3                              |                |                  |                      |                 |                               |
|                                                        | 0,75                                                  | 12424                                               | 1924,32          | 75738                                               | 1,0                              | MR875-3E90S/4C | 2,46             | 600                  | 132             | IE3                           |
|                                                        | 0,85                                                  | 10997                                               | 1700,56          | 83016                                               | 1,2                              | NR875-3E90S/4C |                  | 605                  |                 |                               |
|                                                        | 0,95                                                  | 9841                                                | 1521,55          | 88196                                               | 1,3                              |                |                  |                      |                 |                               |
|                                                        | 1,1                                                   | 8657                                                | 1336,15          | 92964                                               | 1,5                              |                |                  |                      |                 |                               |
|                                                        | 1,2                                                   | 7849                                                | 1210,51          | 95787                                               | 1,7                              |                |                  |                      |                 |                               |
|                                                        | 1,4                                                   | 6791                                                | 1049,18          | 99548                                               | 1,9                              |                |                  |                      |                 |                               |
|                                                        | 1,6                                                   | 5934                                                | 915,85           | 102241                                              | 2,2                              |                |                  |                      |                 |                               |
|                                                        | 1,8                                                   | 5240                                                | 807,91           | 104289                                              | 2,5                              |                |                  |                      |                 |                               |
|                                                        | 2,0                                                   | 4665                                                | 718,74           | 105897                                              | 2,8                              |                |                  |                      |                 |                               |
|                                                        | 2,3                                                   | 4182                                                | 643,84           | 107191                                              | 3,1                              |                |                  |                      |                 |                               |
|                                                        | 2,7                                                   | 3502                                                | 537,75           | 108929                                              | 3,7                              |                |                  |                      |                 |                               |
|                                                        | 1,2                                                   | 8093                                                | 1252,60          | 48526                                               | 1,0                              | MR775-3E90S/4C | 2,46             | 338                  | 129             | IE3                           |
|                                                        | 1,3                                                   | 7244                                                | 1120,74          | 51722                                               | 1,1                              | NR775-3E90S/4C |                  | 408                  |                 |                               |
|                                                        | 1,5                                                   | 6373                                                | 984,18           | 54641                                               | 1,3                              |                |                  |                      |                 |                               |
|                                                        | 1,6                                                   | 6095                                                | 594,92           | 55503                                               | 1,3                              | MR774-3E90L/6C | 2,75             | 310                  | 128             | IE3                           |
|                                                        | 1,8                                                   | 5455                                                | 532,29           | 57384                                               | 1,5                              | NR774-3E90L/6C |                  | 376                  |                 |                               |
|                                                        | 2,0                                                   | 4799                                                | 467,43           | 59184                                               | 1,7                              |                |                  |                      |                 |                               |
|                                                        | 2,2                                                   | 4297                                                | 418,17           | 60431                                               | 1,9                              |                |                  |                      |                 |                               |
|                                                        | 2,4                                                   | 3951                                                | 594,92           | 61197                                               | 2,0                              | MR774-3E90S/4C | 2,46             | 305                  | 128             | IE3                           |
|                                                        | 2,7                                                   | 3536                                                | 532,29           | 62157                                               | 2,3                              | NR774-3E90S/4C |                  | 371                  |                 |                               |
|                                                        | 3,1                                                   | 3111                                                | 467,43           | 63092                                               | 2,6                              |                |                  |                      |                 |                               |
|                                                        | 3,5                                                   | 2786                                                | 418,17           | 63773                                               | 2,9                              |                |                  |                      |                 |                               |
|                                                        | 4,0                                                   | 2406                                                | 361,62           | 64534                                               | 3,3                              |                |                  |                      |                 |                               |
|                                                        | 4,6                                                   | 2087                                                | 313,11           | 65147                                               | 3,8                              |                |                  |                      |                 |                               |
|                                                        | 5,3                                                   | 1828                                                | 273,85           | 66837                                               | 4,0                              |                |                  |                      |                 |                               |
|                                                        | 2,1                                                   | 4537                                                | 442,20           | 24922                                               | 0,9                              | MR674-3E90L/6C | 2,75             | 234                  | 125             | IE3                           |
|                                                        | 2,5                                                   | 3860                                                | 376,69           | 28823                                               | 1,1                              | NR674-3E90L/6C |                  | 244                  |                 |                               |
|                                                        | 2,9                                                   | 3322                                                | 500,39           | 31393                                               | 1,3                              | MR674-3E90S/4C | 2,46             | 230                  | 125             | IE3                           |
|                                                        | 3,3                                                   | 2941                                                | 442,20           | 33000                                               | 1,5                              | NR674-3E90S/4C |                  | 240                  |                 |                               |
|                                                        | 3,8                                                   | 2502                                                | 376,69           | 34662                                               | 1,7                              |                |                  |                      |                 |                               |
|                                                        | 4,5                                                   | 2154                                                | 323,82           | 35806                                               | 2,0                              |                |                  |                      |                 |                               |
|                                                        | 5,2                                                   | 1872                                                | 281,02           | 36711                                               | 2,3                              |                |                  |                      |                 |                               |
|                                                        | 5,9                                                   | 1638                                                | 245,67           | 37414                                               | 2,6                              |                |                  |                      |                 |                               |
|                                                        | 6,7                                                   | 1442                                                | 215,97           | 37974                                               | 3,0                              |                |                  |                      |                 |                               |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3<br>Çıkış Devri                                         | IE3<br>Çıkış Momenti                                                | Çevrim Oranı                                                                           | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per. O. Loads<br>(Output)                    | IE3<br>Servis Faktörü                                       | Tipi                             | Anma<br>Akımı    | Ağırlık    | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------|------------------|------------|-----------------|-------------------------------|
| Power                                      | Output<br>Speeds                                           | Output<br>Torque                                                    | Ratio                                                                                  |                                                                               | Service<br>Factors                                          | Type                             | Rated<br>Current | Weight     | Dim. Page       | Motor<br>Eff. Class           |
| Leistung                                   | Abtriebswelle<br>Drehzahlen                                | Abtriebswelle<br>Drehmomente                                        | Übersetzung                                                                            | Zul. Querkkräfte<br>(Abtrieb)                                                 | Betriebsfaktor                                              | Typ                              | Nennstrom        | Gewicht    | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]                                     | M <sub>2</sub> [Nm]                                                 | i                                                                                      | F <sub>qam</sub> [N]                                                          | f <sub>s</sub>                                              |                                  | [A]              | [kg]       |                 |                               |
| 1,1<br>1,5                                 | 3,6<br>4,2<br>4,8<br>5,0<br>5,6<br>6,5<br>7,5<br>8,4<br>10 | 2674<br>2288<br>2010<br>1939<br>1725<br>1477<br>1297<br>1149<br>969 | 402,12<br>343,91<br>301,59<br>291,25<br>258,87<br>221,40<br>194,15<br>171,64<br>144,37 | 21701<br>23647<br>24880<br>25139<br>26019<br>26385<br>27495<br>27971<br>28517 | 1,1<br>1,3<br>1,5<br>1,5<br>1,7<br>2,0<br>2,3<br>2,6<br>3,1 | MR574-3E90S/4C<br>NR574-3E90S/4C | 2,46             | 151<br>147 | 122             | IE3                           |
|                                            | 6,0                                                        | 1654                                                                | 157,90                                                                                 | 13930                                                                         | 0,9                                                         | MR473-3E90L/6C<br>NR473-3E90L/6C | 2,75             | 98<br>100  | 118             | IE3                           |
|                                            | 6,6<br>7,5<br>9,2<br>10<br>12<br>13<br>16<br>17            | 1489<br>1319<br>1075<br>951<br>851<br>748<br>626<br>592             | 219,00<br>194,05<br>157,90<br>139,54<br>124,85<br>109,64<br>91,58<br>86,52             | 16399<br>18456<br>20912<br>21983<br>21485<br>20784<br>19820<br>19519          | 1,0<br>1,2<br>1,4<br>1,6<br>1,8<br>2,1<br>2,5<br>2,6        | MR473-3E90S/4C<br>NR473-3E90S/4C | 2,46             | 97<br>99   | 118             | IE3                           |
|                                            | 10<br>13<br>15<br>17<br>20<br>23<br>27<br>30               | 942<br>759<br>666<br>590<br>497<br>423<br>363<br>329                | 138,72<br>111,67<br>97,92<br>86,57<br>72,81<br>61,91<br>53,04<br>48,00                 | 9428<br>10612<br>10383<br>10152<br>9807<br>9469<br>9139<br>8923               | 0,9<br>1,1<br>1,2<br>1,4<br>1,7<br>1,9<br>2,3<br>2,5        | MR373-3E90S/4C<br>NR373-3E90S/4C | 2,46             | 58<br>61   | 115             | IE3                           |
|                                            | 40<br>46                                                   | 249<br>221                                                          | 23,33<br>20,62                                                                         | 9617<br>9198                                                                  | 3,3<br>3,7                                                  | MR372-3E90L/6C<br>NR372-3E90L/6C | 2,75             | 60<br>64   | 115             | IE3                           |
|                                            | 15<br>17<br>19<br>23<br>27<br>31<br>35                     | 664<br>583<br>516<br>435<br>370<br>317<br>288                       | 97,62<br>85,60<br>75,68<br>63,65<br>54,12<br>46,37<br>41,96                            | 7865<br>7981<br>7840<br>7617<br>7388<br>7157<br>7003                          | 0,9<br>1,0<br>1,2<br>1,4<br>1,6<br>1,8<br>1,9               | MR283-3E90S/4C<br>NR283-3E90S/4C | 2,46             | 50<br>54   | 112             | IE3                           |
|                                            | 37<br>43                                                   | 269<br>231                                                          | 25,23<br>21,66                                                                         | 8462<br>7998                                                                  | 2,2<br>2,5                                                  | MR282-3E90L/6C<br>NR282-3E90L/6C | 2,75             | 48<br>52   | 112             | IE3                           |
|                                            | 48<br>57<br>67                                             | 210<br>175<br>150                                                   | 30,37<br>25,23<br>21,66                                                                | 7724<br>7220<br>6832                                                          | 2,7<br>3,0<br>3,3                                           | MR282-3E90S/4C<br>NR282-3E90S/4C | 2,46             | 50<br>53   | 112             | IE3                           |





## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3 Çıkış Devri                                       | IE3 Çıkış Momenti                                   | Çevrim Oranı     | IE3 Güv. Rad. Yük Çıkış                             | IE3 Servis Faktörü               | Tipi           | Anma Akımı       | Ağırlık              | Ölçü Sayfası | Motor Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|----------------|------------------|----------------------|--------------|----------------------------|
| Power                                                  | Output Speeds                                         | Output Torque                                       | Ratio            | Per.O. Loads (Output)                               | Service Factors                  | Type           | Rated Current    | Weight               | Dim. Page    | Motor Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ            | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite   | Motor Effizienz-<br>klasse |
| 1,1<br>1,5                                             | 17                                                    | 571                                                 | 83,83            | 3638                                                | 0,8                              | MR273-3E90S/4C | 2,46             | 40                   | 110          | IE3                        |
|                                                        | 20                                                    | 500                                                 | 73,35            | 4300                                                | 0,9                              | NR273-3E90S/4C |                  | 41                   |              |                            |
|                                                        | 24                                                    | 414                                                 | 60,66            | 5020                                                | 1,1                              |                |                  |                      |              |                            |
|                                                        | 29                                                    | 346                                                 | 50,59            | 5507                                                | 1,3                              |                |                  |                      |              |                            |
|                                                        | 34                                                    | 290                                                 | 42,41            | 5828                                                | 1,5                              |                |                  |                      |              |                            |
|                                                        | 40                                                    | 250                                                 | 36,55            | 6004                                                | 1,8                              |                |                  |                      |              |                            |
|                                                        | 48                                                    | 209                                                 | 30,48            | 6122                                                | 2,2                              |                |                  |                      |              |                            |
|                                                        | 56                                                    | 180                                                 | 25,89            | 5979                                                | 2,5                              | MR272-3E90S/4C | 2,46             | 41                   | 110          | IE3                        |
|                                                        | 68                                                    | 149                                                 | 21,43            | 5575                                                | 3,0                              | NR272-3E90S/4C |                  | 43                   |              |                            |
|                                                        | 79                                                    | 127                                                 | 18,33            | 5265                                                | 3,5                              |                |                  |                      |              |                            |
|                                                        | 31                                                    | 324                                                 | 47,39            | 5612                                                | 0,9                              | MR203-3E90S/4C | 2,46             | 39                   | 109          | IE3                        |
|                                                        | 33                                                    | 301                                                 | 43,94            | 5549                                                | 0,9                              | NR203-3E90S/4C |                  | 42                   |              |                            |
|                                                        | 35                                                    | 281                                                 | 41,16            | 5492                                                | 1,0                              |                |                  |                      |              |                            |
|                                                        | 40                                                    | 247                                                 | 36,02            | 5366                                                | 1,1                              |                |                  |                      |              |                            |
|                                                        | 51                                                    | 193                                                 | 28,35            | 5583                                                | 1,4                              |                |                  |                      |              |                            |
|                                                        | 59                                                    | 169                                                 | 24,77            | 5753                                                | 1,6                              |                |                  |                      |              |                            |
|                                                        | 62                                                    | 159                                                 | 23,23            | 5811                                                | 1,7                              |                |                  |                      |              |                            |
|                                                        | 63                                                    | 159                                                 | 23,01            | 6089                                                | 1,8                              | MR202-3E90S/4C | 2,46             | 41                   | 109          | IE3                        |
|                                                        | 72                                                    | 139                                                 | 20,10            | 5787                                                | 1,9                              | NR202-3E90S/4C |                  | 43                   |              |                            |
|                                                        | 77                                                    | 131                                                 | 18,85            | 5650                                                | 2,0                              |                |                  |                      |              |                            |
|                                                        | 90                                                    | 111                                                 | 16,03            | 5319                                                | 2,2                              |                |                  |                      |              |                            |
|                                                        | 98                                                    | 103                                                 | 14,86            | 5173                                                | 2,3                              |                |                  |                      |              |                            |
|                                                        | 104                                                   | 97                                                  | 13,92            | 5050                                                | 2,4                              |                |                  |                      |              |                            |
|                                                        | 119                                                   | 85                                                  | 12,18            | 4810                                                | 2,7                              |                |                  |                      |              |                            |
|                                                        | 134                                                   | 75                                                  | 10,81            | 4605                                                | 2,9                              |                |                  |                      |              |                            |
|                                                        | 144                                                   | 70                                                  | 10,07            | 4490                                                | 3,0                              |                |                  |                      |              |                            |
|                                                        | 173                                                   | 59                                                  | 8,40             | 4207                                                | 3,4                              |                |                  |                      |              |                            |
|                                                        | 40                                                    | 247                                                 | 36,24            | 2920                                                | 0,8                              | MR173-3E90S/4C | 2,46             | 30                   | 108          | IE3                        |
|                                                        | 48                                                    | 207                                                 | 30,26            | 2903                                                | 1,0                              | NR173-3E90S/4C |                  | 32                   |              |                            |
|                                                        | 56                                                    | 179                                                 | 26,10            | 2870                                                | 1,1                              |                |                  |                      |              |                            |
|                                                        | 69                                                    | 145                                                 | 20,92            | 2679                                                | 1,4                              | MR172-3E90S/4C | 2,46             | 29                   | 108          | IE3                        |
|                                                        | 79                                                    | 127                                                 | 18,28            | 2770                                                | 1,6                              | NR172-3E90S/4C |                  | 30                   |              |                            |
|                                                        | 85                                                    | 119                                                 | 17,14            | 2803                                                | 1,7                              |                |                  |                      |              |                            |
|                                                        | 99                                                    | 101                                                 | 14,57            | 2857                                                | 1,9                              |                |                  |                      |              |                            |
|                                                        | 115                                                   | 88                                                  | 12,66            | 2877                                                | 2,2                              |                |                  |                      |              |                            |
|                                                        | 131                                                   | 77                                                  | 11,08            | 2877                                                | 2,3                              |                |                  |                      |              |                            |
|                                                        | 152                                                   | 66                                                  | 9,53             | 2710                                                | 2,6                              |                |                  |                      |              |                            |
|                                                        | 162                                                   | 62                                                  | 8,94             | 2706                                                | 2,6                              |                |                  |                      |              |                            |
|                                                        | 191                                                   | 53                                                  | 7,60             | 2683                                                | 3,0                              |                |                  |                      |              |                            |
|                                                        | 205                                                   | 49                                                  | 7,08             | 2667                                                | 3,2                              |                |                  |                      |              |                            |
|                                                        | 220                                                   | 46                                                  | 6,60             | 2618                                                | 3,1                              |                |                  |                      |              |                            |
|                                                        | 251                                                   | 40                                                  | 5,78             | 2492                                                | 3,3                              |                |                  |                      |              |                            |
|                                                        | 58                                                    | 170                                                 | 24,86            | 1593                                                | 0,8                              | MR103-3E90S/4C | 2,46             | 29                   | 107          | IE3                        |
|                                                        | 66                                                    | 150                                                 | 21,96            | 1618                                                | 0,8                              | NR103-3E90S/4C |                  | 31                   |              |                            |
|                                                        | 71                                                    | 140                                                 | 20,51            | 1626                                                | 0,9                              |                |                  |                      |              |                            |
|                                                        | 84                                                    | 119                                                 | 17,33            | 1634                                                | 0,9                              |                |                  |                      |              |                            |
|                                                        | 91                                                    | 111                                                 | 15,95            | 1708                                                | 1,0                              | MR102-3E90S/4C | 2,46             | 30                   | 107          | IE3                        |
|                                                        | 103                                                   | 98                                                  | 14,08            | 1691                                                | 1,1                              | NR102-3E90S/4C |                  | 31                   |              |                            |
|                                                        | 110                                                   | 91                                                  | 13,15            | 1678                                                | 1,1                              |                |                  |                      |              |                            |
|                                                        | 130                                                   | 77                                                  | 11,12            | 1643                                                | 1,3                              |                |                  |                      |              |                            |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü | Tipi                             | Anma<br>Akımı    | Ağırlık      | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------|-----------------------------|------------------------------|--------------|-----------------------------------------------------------|-----------------------|----------------------------------|------------------|--------------|-----------------|-------------------------------|
| Power                                      | Output<br>Speeds            | Output<br>Torque             | Ratio        |                                                           | Service<br>Factors    | Type                             | Rated<br>Current | Weight       | Dim. Page       | Motor<br>Eff. Class           |
| Leistung                                   | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Übersetzung  | Zul.Querkräfte<br>(Abtrieb)                               | Betriebsfaktor        | Typ                              | Nennstrom        | Gewicht      | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]      | M <sub>2</sub> [Nm]          | i            | F <sub>qam</sub> [N]                                      | f <sub>s</sub>        |                                  | [A]              | [kg]         |                 |                               |
| 1,1<br>1,5                                 | 142                         | 71                           | 10,18        | 1621                                                      | 1,4                   | MR102-3E90S/4C<br>NR102-3E90S/4C | 2,46             | 30<br>31     | 107             | IE3                           |
|                                            | 156                         | 65                           | 9,29         | 1597                                                      | 1,5                   |                                  |                  |              |                 |                               |
|                                            | 181                         | 56                           | 8,01         | 1555                                                      | 1,6                   |                                  |                  |              |                 |                               |
|                                            | 209                         | 48                           | 6,93         | 1479                                                      | 1,9                   |                                  |                  |              |                 |                               |
|                                            | 224                         | 45                           | 6,48         | 1460                                                      | 1,9                   |                                  |                  |              |                 |                               |
|                                            | 265                         | 38                           | 5,47         | 1410                                                      | 2,1                   |                                  |                  |              |                 |                               |
|                                            | 289                         | 35                           | 5,01         | 1384                                                      | 2,3                   |                                  |                  |              |                 |                               |
|                                            | 317                         | 32                           | 4,57         | 1356                                                      | 2,4                   |                                  |                  |              |                 |                               |
|                                            | 368                         | 28                           | 3,94         | 1310                                                      | 2,5                   |                                  |                  |              |                 |                               |
|                                            | 415                         | 24                           | 6,93         | 1271                                                      | 2,9                   | MR102-3E80M/2C<br>NR102-3E80M/2C | 2,26             | 25<br>26     | 107             | IE3                           |
|                                            | 445                         | 23                           | 6,48         | 1250                                                      | 3,1                   |                                  |                  |              |                 |                               |
|                                            | 526                         | 19                           | 5,47         | 1197                                                      | 3,4                   |                                  |                  |              |                 |                               |
|                                            | 99                          | 100                          | 14,67        | -                                                         | 0,8                   | MR003-3E90S/4C<br>NR003-3E90S/4C | 2,46             | 24<br>25     | 106             | IE3                           |
|                                            | 107                         | 93                           | 13,61        | 33                                                        | 0,9                   |                                  |                  |              |                 |                               |
|                                            | 130                         | 77                           | 11,14        | 896                                                       | 0,8                   | MR002-3E90S/4C<br>NR002-3E90S/4C | 2,46             | 24<br>25     | 106             | IE3                           |
|                                            | 147                         | 69                           | 9,87         | 969                                                       | 1,1                   |                                  |                  |              |                 |                               |
|                                            | 167                         | 60                           | 8,70         | 1007                                                      | 1,2                   |                                  |                  |              |                 |                               |
|                                            | 172                         | 59                           | 8,45         | 1070                                                      | 1,3                   |                                  |                  |              |                 |                               |
|                                            | 185                         | 55                           | 7,84         | 1109                                                      | 1,3                   |                                  |                  |              |                 |                               |
|                                            | 195                         | 52                           | 7,45         | 1093                                                      | 1,4                   |                                  |                  |              |                 |                               |
|                                            | 210                         | 48                           | 6,91         | 1125                                                      | 1,4                   |                                  |                  |              |                 |                               |
|                                            | 242                         | 42                           | 6,00         | 1121                                                      | 1,6                   |                                  |                  |              |                 |                               |
|                                            | 260                         | 39                           | 5,57         | 1144                                                      | 1,7                   |                                  |                  |              |                 |                               |
|                                            | 318                         | 32                           | 4,56         | 1066                                                      | 1,8                   |                                  |                  |              |                 |                               |
|                                            | 372                         | 27                           | 3,90         | 1098                                                      | 2,0                   |                                  |                  |              |                 |                               |
|                                            | 401                         | 25                           | 3,62         | 1109                                                      | 2,1                   |                                  |                  |              |                 |                               |
|                                            | 417                         | 24                           | 6,91         | 1234                                                      | 2,2                   | MR002-3E80M/2C<br>NR002-3E80M/2C | 2,26             | 18<br>20     | 106             | IE3                           |
|                                            | 480                         | 21                           | 6,00         | 1202                                                      | 2,5                   |                                  |                  |              |                 |                               |
|                                            | 517                         | 20                           | 5,57         | 1197                                                      | 2,6                   |                                  |                  |              |                 |                               |
|                                            | 632                         | 16                           | 4,56         | 1118                                                      | 2,9                   |                                  |                  |              |                 |                               |
|                                            | 738                         | 14                           | 3,90         | 1105                                                      | 3,2                   |                                  |                  |              |                 |                               |
|                                            | 796                         | 13                           | 3,62         | 1097                                                      | 3,3                   |                                  |                  |              |                 |                               |
| 1,5<br>2,0                                 | 0,71                        | 17997                        | 2027,97      | 95566                                                     | 1,0                   | MR975-3E90L/4D<br>NR975-3E90L/4D | 3,30             | 1031<br>1081 | 135             | IE3                           |
|                                            | 0,79                        | 16169                        | 1820,78      | 105780                                                    | 1,1                   |                                  |                  |              |                 |                               |
|                                            | 0,93                        | 13774                        | 1552,10      | 117320                                                    | 1,3                   |                                  |                  |              |                 |                               |
|                                            | 1,1                         | 12153                        | 1368,27      | 124101                                                    | 1,5                   |                                  |                  |              |                 |                               |
|                                            | 1,2                         | 10789                        | 1213,85      | 129104                                                    | 1,7                   |                                  |                  |              |                 |                               |
|                                            | 1,3                         | 9627                         | 1082,31      | 133120                                                    | 1,9                   |                                  |                  |              |                 |                               |
|                                            | 1,6                         | 8156                         | 914,74       | 137923                                                    | 2,2                   |                                  |                  |              |                 |                               |
|                                            | 1,7                         | 7510                         | 842,80       | 139900                                                    | 2,4                   |                                  |                  |              |                 |                               |
|                                            | 1,9                         | 6698                         | 750,24       | 142278                                                    | 2,7                   |                                  |                  |              |                 |                               |
|                                            | 2,2                         | 5926                         | 662,54       | 144432                                                    | 3,0                   |                                  |                  |              |                 |                               |
|                                            | 2,5                         | 5277                         | 588,87       | 146168                                                    | 3,4                   |                                  |                  |              |                 |                               |
|                                            | 0,85                        | 15048                        | 1700,56      | 59105                                                     | 0,9                   | MR875-3E90L/4D<br>NR875-3E90L/4D | 3,30             | 595<br>600   | 132             | IE3                           |
|                                            | 0,95                        | 13466                        | 1521,55      | 69941                                                     | 1,0                   |                                  |                  |              |                 |                               |
|                                            | 1,1                         | 11846                        | 1336,15      | 79031                                                     | 1,1                   |                                  |                  |              |                 |                               |
|                                            | 1,2                         | 10740                        | 1210,51      | 84391                                                     | 1,2                   |                                  |                  |              |                 |                               |
|                                            | 1,4                         | 9292                         | 1049,18      | 90598                                                     | 1,4                   |                                  |                  |              |                 |                               |
|                                            | 1,6                         | 8120                         | 915,85       | 95067                                                     | 1,6                   |                                  |                  |              |                 |                               |
|                                            | 1,8                         | 7170                         | 807,91       | 98483                                                     | 1,8                   |                                  |                  |              |                 |                               |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3 Çıkış Devri                                       | IE3 Çıkış Momenti                                   | Çevrim Oranı     | IE3 Güv. Rad. Yük Çıkış Per.O. Loads (Output)       | IE3 Servis Faktörü               | Tipi            | Anma Akımı       | Ağırlık              | Ölçü Sayfası | Motor Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|-----------------|------------------|----------------------|--------------|----------------------------|
| Power                                                  | Output Speeds                                         | Output Torque                                       | Ratio            |                                                     | Service Factors                  | Type            | Rated Current    | Weight               | Dim. Page    | Motor Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ             | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite   | Motor Effizienz-<br>klasse |
| 1,5<br>2,0                                             | 2,1                                                   | 6145                                                | 446,42           | 101594                                              | 2,1                              | MR874-3E100L/6B | 3,50             | 587                  | 131          | IE3                        |
|                                                        | 2,4                                                   | 5389                                                | 390,74           | 103902                                              | 2,4                              | NR874-3E100L/6B |                  | 592                  |              |                            |
|                                                        | 2,8                                                   | 4775                                                | 345,67           | 105596                                              | 2,7                              |                 |                  |                      |              |                            |
|                                                        | 3,3                                                   | 4044                                                | 292,15           | 107551                                              | 3,2                              |                 |                  |                      |              |                            |
|                                                        | 4,0                                                   | 3320                                                | 239,61           | 109333                                              | 3,9                              |                 |                  |                      |              |                            |
|                                                        | 1,6                                                   | 8181                                                | 594,92           | 48173                                               | 1,0                              | MR774-3E100L/6B | 3,50             | 323                  | 128          | IE3                        |
|                                                        | 1,8                                                   | 7322                                                | 532,29           | 51444                                               | 1,1                              | NR774-3E100L/6B |                  | 394                  |              |                            |
|                                                        | 2,0                                                   | 6441                                                | 467,43           | 54425                                               | 1,2                              |                 |                  |                      |              |                            |
|                                                        | 2,3                                                   | 5768                                                | 418,17           | 56392                                               | 1,4                              |                 |                  |                      |              |                            |
|                                                        | 2,4                                                   | 5407                                                | 594,92           | 57573                                               | 1,5                              | MR774-3E90L/4D  | 3,30             | 318                  | 128          | IE3                        |
|                                                        | 2,7                                                   | 4839                                                | 532,29           | 59016                                               | 1,7                              | NR774-3E90L/4D  |                  | 385                  |              |                            |
|                                                        | 3,1                                                   | 4257                                                | 467,43           | 60495                                               | 1,9                              |                 |                  |                      |              |                            |
|                                                        | 3,5                                                   | 3812                                                | 418,17           | 61555                                               | 2,1                              |                 |                  |                      |              |                            |
|                                                        | 4,0                                                   | 3293                                                | 361,62           | 62723                                               | 2,4                              |                 |                  |                      |              |                            |
|                                                        | 4,6                                                   | 2855                                                | 313,11           | 63650                                               | 2,8                              |                 |                  |                      |              |                            |
|                                                        | 5,3                                                   | 2501                                                | 273,85           | 64365                                               | 3,2                              |                 |                  |                      |              |                            |
|                                                        | 6,0                                                   | 2207                                                | 241,42           | 64933                                               | 3,6                              |                 |                  |                      |              |                            |
|                                                        | 6,7                                                   | 1960                                                | 214,17           | 65755                                               | 4,0                              |                 |                  |                      |              |                            |
|                                                        | 2,9                                                   | 4546                                                | 500,39           | 25002                                               | 0,9                              | MR674-3E90L/4D  | 3,30             | 237                  | 125          | IE3                        |
|                                                        | 3,3                                                   | 4024                                                | 442,20           | 28028                                               | 1,1                              | NR674-3E90L/4D  |                  | 248                  |              |                            |
|                                                        | 3,8                                                   | 3424                                                | 376,69           | 30992                                               | 1,3                              |                 |                  |                      |              |                            |
|                                                        | 4,5                                                   | 2948                                                | 323,82           | 33014                                               | 1,5                              |                 |                  |                      |              |                            |
|                                                        | 5,1                                                   | 2561                                                | 281,02           | 34480                                               | 1,7                              |                 |                  |                      |              |                            |
|                                                        | 5,9                                                   | 2242                                                | 245,67           | 35538                                               | 1,9                              |                 |                  |                      |              |                            |
|                                                        | 6,7                                                   | 1973                                                | 215,97           | 36416                                               | 2,2                              |                 |                  |                      |              |                            |
|                                                        | 4,2                                                   | 3131                                                | 343,91           | 19040                                               | 1,0                              | MR574-3E90L/4D  | 3,30             | 153                  | 122          | IE3                        |
|                                                        | 4,8                                                   | 2751                                                | 301,59           | 21328                                               | 1,1                              | NR574-3E90L/4D  |                  | 137                  |              |                            |
|                                                        | 5,0                                                   | 2653                                                | 291,25           | 19040                                               | 1,1                              |                 |                  |                      |              |                            |
|                                                        | 5,6                                                   | 2360                                                | 258,87           | 21328                                               | 1,3                              |                 |                  |                      |              |                            |
|                                                        | 5,7                                                   | 2351                                                | 167,32           | 23351                                               | 1,3                              | MR573-3E100L/6B | 3,50             | 140                  | 121          | IE3                        |
|                                                        | 6,2                                                   | 2158                                                | 153,61           | 24242                                               | 1,4                              | NR573-3E100L/6B |                  | 136                  |              |                            |
|                                                        | 7,1                                                   | 1891                                                | 134,45           | 25329                                               | 1,6                              |                 |                  |                      |              |                            |
|                                                        | 8,0                                                   | 1675                                                | 118,95           | 26174                                               | 1,8                              |                 |                  |                      |              |                            |
|                                                        | 9,5                                                   | 1418                                                | 100,53           | 27098                                               | 2,1                              |                 |                  |                      |              |                            |
|                                                        | 12                                                    | 1163                                                | 82,45            | 27932                                               | 2,6                              |                 |                  |                      |              |                            |
|                                                        | 13                                                    | 1028                                                | 72,81            | 28345                                               | 2,9                              |                 |                  |                      |              |                            |
|                                                        | 15                                                    | 915                                                 | 64,72            | 28677                                               | 3,3                              |                 |                  |                      |              |                            |
|                                                        | 17                                                    | 775                                                 | 54,74            | 29069                                               | 3,9                              |                 |                  |                      |              |                            |
|                                                        | 20                                                    | 691                                                 | 48,74            | 29444                                               | 4,0                              |                 |                  |                      |              |                            |
|                                                        | 7,4                                                   | 1806                                                | 194,05           | 11156                                               | 0,9                              | MR473-3E90L/4D  | 3,30             | 100                  | 118          | IE3                        |
|                                                        | 9,2                                                   | 1473                                                | 157,90           | 16686                                               | 1,1                              | NR473-3E90L/4D  |                  | 102                  |              |                            |
|                                                        | 10                                                    | 1303                                                | 139,54           | 18683                                               | 1,2                              |                 |                  |                      |              |                            |
|                                                        | 12                                                    | 1166                                                | 124,85           | 20098                                               | 1,3                              |                 |                  |                      |              |                            |
|                                                        | 13                                                    | 1025                                                | 109,64           | 19941                                               | 1,5                              |                 |                  |                      |              |                            |
|                                                        | 16                                                    | 857                                                 | 91,58            | 19117                                               | 1,8                              |                 |                  |                      |              |                            |
|                                                        | 17                                                    | 810                                                 | 86,52            | 18854                                               | 1,9                              |                 |                  |                      |              |                            |
|                                                        | 18                                                    | 733                                                 | 157,90           | 18431                                               | 2,1                              | MR473-3E90S/2B  | 2,97             | 98                   | 118          | IE3                        |
|                                                        | 21                                                    | 648                                                 | 139,54           | 17860                                               | 2,4                              | NR473-3E90S/2B  |                  | 100                  |              |                            |
|                                                        | 23                                                    | 580                                                 | 124,85           | 17348                                               | 2,7                              |                 |                  |                      |              |                            |
|                                                        | 26                                                    | 510                                                 | 109,64           | 16756                                               | 3,0                              |                 |                  |                      |              |                            |





## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı | IE3<br>Güv. Rad. Yük<br>Çıkış | IE3<br>Servis Faktörü | Tipi                               | Anma<br>Akımı    | Ağırlık  | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------|-----------------------------|------------------------------|--------------|-------------------------------|-----------------------|------------------------------------|------------------|----------|-----------------|-------------------------------|
| Power                                      | Output<br>Speeds            | Output<br>Torque             | Ratio        | Per. O. Loads<br>(Output)     | Service<br>Factors    | Type                               | Rated<br>Current | Weight   | Dim. Page       | Motor<br>Eff. Class           |
| Leistung                                   | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Übersetzung  | Zul. Querkräfte<br>(Abtrieb)  | Betriebsfaktor        | Typ                                | Nennstrom        | Gewicht  | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]      | M <sub>2</sub> [Nm]          | i            | F <sub>qam</sub> [N]          | f <sub>s</sub>        |                                    | [A]              | [kg]     |                 |                               |
| 1,5<br>2,0                                 | 15                          | 910                          | 97,92        | 9486                          | 0,9                   | MR373-3E90L/4D<br>NR373-3E90L/4D   | 3,30             | 61<br>64 | 115             | IE3                           |
|                                            | 17                          | 805                          | 86,57        | 9359                          | 1,0                   |                                    |                  |          |                 |                               |
|                                            | 20                          | 678                          | 72,81        | 9140                          | 1,2                   |                                    |                  |          |                 |                               |
|                                            | 23                          | 577                          | 61,91        | 8902                          | 1,4                   |                                    |                  |          |                 |                               |
|                                            | 27                          | 495                          | 53,04        | 8653                          | 1,7                   |                                    |                  |          |                 |                               |
|                                            | 30                          | 448                          | 48,00        | 8483                          | 1,8                   |                                    |                  |          |                 |                               |
|                                            | 41                          | 335                          | 23,33        | 9704                          | 2,4                   | MR372-3E100L/6B<br>NR372-3E100L/6B | 3,50             | 62<br>64 | 115             | IE3                           |
|                                            | 46                          | 296                          | 20,62        | 9272                          | 2,8                   |                                    |                  |          |                 |                               |
|                                            | 52                          | 265                          | 18,45        | 8902                          | 3,1                   |                                    |                  |          |                 |                               |
|                                            | 59                          | 233                          | 16,20        | 8491                          | 3,5                   |                                    |                  |          |                 |                               |
|                                            | 62                          | 221                          | 23,33        | 8331                          | 3,6                   | MR372-3E90L/4D<br>NR372-3E90L/4D   | 3,30             | 60<br>62 | 115             | IE3                           |
|                                            | 70                          | 196                          | 20,62        | 7967                          | 3,9                   |                                    |                  |          |                 |                               |
|                                            | 79                          | 175                          | 18,45        | 7656                          | 4,0                   |                                    |                  |          |                 |                               |
|                                            | 19                          | 707                          | 75,68        | 6867                          | 0,8                   | MR283-3E90L/4D<br>NR283-3E90L/4D   | 3,30             | 52<br>54 | 112             | IE3                           |
|                                            | 23                          | 595                          | 63,65        | 6973                          | 1,0                   |                                    |                  |          |                 |                               |
|                                            | 27                          | 507                          | 54,12        | 6841                          | 1,2                   |                                    |                  |          |                 |                               |
|                                            | 31                          | 435                          | 46,37        | 6688                          | 1,3                   |                                    |                  |          |                 |                               |
|                                            | 34                          | 394                          | 41,96        | 6579                          | 1,4                   |                                    |                  |          |                 |                               |
|                                            | 38                          | 362                          | 25,23        | 8572                          | 1,7                   | MR282-3E100L/6B<br>NR282-3E100L/6B | 3,50             | 55<br>57 | 112             | IE3                           |
|                                            | 44                          | 310                          | 21,66        | 8096                          | 1,9                   |                                    |                  |          |                 |                               |
|                                            | 48                          | 288                          | 30,37        | 7858                          | 1,9                   | MR282-3E90L/4D<br>NR282-3E90L/4D   | 3,30             | 51<br>53 | 112             | IE3                           |
|                                            | 57                          | 240                          | 25,23        | 7332                          | 2,2                   |                                    |                  |          |                 |                               |
|                                            | 67                          | 206                          | 21,66        | 6930                          | 2,4                   |                                    |                  |          |                 |                               |
|                                            | 76                          | 181                          | 19,06        | 6612                          | 2,6                   |                                    |                  |          |                 |                               |
|                                            | 85                          | 161                          | 16,91        | 6330                          | 2,9                   |                                    |                  |          |                 |                               |
|                                            | 101                         | 136                          | 14,31        | 5959                          | 3,2                   |                                    |                  |          |                 |                               |
|                                            | 24                          | 567                          | 60,66        | 2371                          | 0,8                   | MR273-3E90L/4D<br>NR273-3E90L/4D   | 3,30             | 43<br>45 | 110             | IE3                           |
|                                            | 29                          | 474                          | 50,59        | 3298                          | 0,9                   |                                    |                  |          |                 |                               |
|                                            | 34                          | 398                          | 42,41        | 3976                          | 1,1                   |                                    |                  |          |                 |                               |
|                                            | 40                          | 343                          | 36,55        | 4408                          | 1,3                   |                                    |                  |          |                 |                               |
|                                            | 47                          | 286                          | 30,48        | 4791                          | 1,6                   |                                    |                  |          |                 |                               |
|                                            | 56                          | 246                          | 25,89        | 5025                          | 1,8                   | MR272-3E90L/4D<br>NR272-3E90L/4D   | 3,30             | 42<br>44 | 110             | IE3                           |
|                                            | 67                          | 204                          | 21,43        | 5190                          | 2,2                   |                                    |                  |          |                 |                               |
|                                            | 79                          | 175                          | 18,33        | 5256                          | 2,5                   |                                    |                  |          |                 |                               |
|                                            | 90                          | 153                          | 16,07        | 5098                          | 2,8                   |                                    |                  |          |                 |                               |
|                                            | 102                         | 136                          | 14,21        | 4871                          | 3,0                   |                                    |                  |          |                 |                               |
|                                            | 121                         | 114                          | 11,95        | 4571                          | 3,4                   |                                    |                  |          |                 |                               |
|                                            | 40                          | 338                          | 36,02        | 4924                          | 0,8                   | MR203-3E90L/4D<br>NR203-3E90L/4D   | 3,30             | 43<br>44 | 109             | IE3                           |
|                                            | 51                          | 265                          | 28,35        | 3749                          | 1,1                   |                                    |                  |          |                 |                               |
|                                            | 58                          | 232                          | 24,77        | 4150                          | 1,2                   |                                    |                  |          |                 |                               |
|                                            | 62                          | 218                          | 23,23        | 4309                          | 1,2                   |                                    |                  |          |                 |                               |
|                                            | 63                          | 218                          | 23,01        | 5238                          | 1,3                   | MR202-3E90L/4D<br>NR202-3E90L/4D   | 3,30             | 41<br>43 | 109             | IE3                           |
|                                            | 72                          | 191                          | 20,10        | 5393                          | 1,4                   |                                    |                  |          |                 |                               |
|                                            | 77                          | 179                          | 18,85        | 5446                          | 1,5                   |                                    |                  |          |                 |                               |
|                                            | 90                          | 152                          | 16,03        | 5423                          | 1,6                   |                                    |                  |          |                 |                               |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3 Çıkış Devri                                       | IE3 Çıkış Momenti                                   | Çevrim Oranı     | IE3 Güv. Rad. Yük Çıkış Per.O. Loads (Output)       | IE3 Servis Faktörü               | Tipi           | Anma Akımı       | Ağırlık              | Ölçü Sayfası | Motor Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|----------------|------------------|----------------------|--------------|----------------------------|
| Power                                                  | Output Speeds                                         | Output Torque                                       | Ratio            |                                                     | Service Factors                  | Type           | Rated Current    | Weight               | Dim. Page    | Motor Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ            | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite   | Motor Effizienz-<br>klasse |
| 1,5<br>2,0                                             | 97                                                    | 142                                                 | 14,86            | 5270                                                | 1,7                              | MR202-3E90L/4D | 3,30             | 41                   | 109          | IE3                        |
|                                                        | 104                                                   | 133                                                 | 13,92            | 5141                                                | 1,8                              | NR202-3E90L/4D |                  | 43                   |              |                            |
|                                                        | 119                                                   | 116                                                 | 12,18            | 4890                                                | 1,9                              |                |                  |                      |              |                            |
|                                                        | 134                                                   | 103                                                 | 10,81            | 4676                                                | 2,1                              |                |                  |                      |              |                            |
|                                                        | 143                                                   | 96                                                  | 10,07            | 4556                                                | 2,2                              |                |                  |                      |              |                            |
|                                                        | 172                                                   | 80                                                  | 8,40             | 4262                                                | 2,5                              |                |                  |                      |              |                            |
|                                                        | 205                                                   | 67                                                  | 7,04             | 3997                                                | 2,7                              |                |                  |                      |              |                            |
|                                                        | 249                                                   | 55                                                  | 5,80             | 3772                                                | 3,2                              |                |                  |                      |              |                            |
|                                                        | 69                                                    | 199                                                 | 20,92            | 1757                                                | 1,0                              | MR172-3E90L/4D | 3,30             | 31                   | 108          | IE3                        |
|                                                        | 79                                                    | 174                                                 | 18,28            | 1964                                                | 1,1                              | NR172-3E90L/4D |                  | 33                   |              |                            |
|                                                        | 84                                                    | 163                                                 | 17,14            | 2047                                                | 1,2                              |                |                  |                      |              |                            |
|                                                        | 99                                                    | 139                                                 | 14,57            | 2214                                                | 1,4                              |                |                  |                      |              |                            |
|                                                        | 114                                                   | 121                                                 | 12,66            | 2319                                                | 1,6                              |                |                  |                      |              |                            |
|                                                        | 130                                                   | 106                                                 | 11,08            | 2388                                                | 1,7                              |                |                  |                      |              |                            |
|                                                        | 152                                                   | 91                                                  | 9,53             | 2236                                                | 1,9                              |                |                  |                      |              |                            |
|                                                        | 162                                                   | 85                                                  | 8,94             | 2262                                                | 1,9                              |                |                  |                      |              |                            |
|                                                        | 190                                                   | 73                                                  | 7,60             | 2304                                                | 2,2                              |                |                  |                      |              |                            |
|                                                        | 204                                                   | 68                                                  | 7,08             | 2315                                                | 2,4                              |                |                  |                      |              |                            |
|                                                        | 219                                                   | 63                                                  | 6,60             | 2320                                                | 2,3                              |                |                  |                      |              |                            |
|                                                        | 250                                                   | 55                                                  | 5,78             | 2319                                                | 2,4                              |                |                  |                      |              |                            |
|                                                        | 302                                                   | 46                                                  | 4,78             | 2297                                                | 2,8                              |                |                  |                      |              |                            |
|                                                        | 354                                                   | 39                                                  | 4,09             | 2195                                                | 3,1                              |                |                  |                      |              |                            |
|                                                        | 428                                                   | 32                                                  | 3,38             | 2095                                                | 3,4                              |                |                  |                      |              |                            |
|                                                        | 439                                                   | 31                                                  | 6,60             | 2062                                                | 4,0                              | MR172-3E90S/2B | 2,97             | 30                   | 108          | IE3                        |
|                                                        | 502                                                   | 27                                                  | 5,78             | 1964                                                | 4,0                              | NR172-3E90S/2B |                  | 32                   |              |                            |
|                                                        | 607                                                   | 23                                                  | 4,78             | 1834                                                | 4,0                              |                |                  |                      |              |                            |
|                                                        | 710                                                   | 19                                                  | 4,09             | 1744                                                | 4,0                              |                |                  |                      |              |                            |
|                                                        | 103                                                   | 134                                                 | 14,08            | 1474                                                | 0,8                              | MR102-3E90L/4D | 3,30             | 30                   | 107          | IE3                        |
|                                                        | 110                                                   | 125                                                 | 13,15            | 1476                                                | 0,8                              | NR102-3E90L/4D |                  | 31                   |              |                            |
|                                                        | 130                                                   | 106                                                 | 11,12            | 1472                                                | 0,9                              |                |                  |                      |              |                            |
|                                                        | 142                                                   | 97                                                  | 10,18            | 1465                                                | 1,0                              |                |                  |                      |              |                            |
|                                                        | 156                                                   | 89                                                  | 9,29             | 1454                                                | 1,1                              |                |                  |                      |              |                            |
|                                                        | 180                                                   | 76                                                  | 8,01             | 1432                                                | 1,2                              |                |                  |                      |              |                            |
|                                                        | 208                                                   | 66                                                  | 6,93             | 1360                                                | 1,4                              |                |                  |                      |              |                            |
|                                                        | 223                                                   | 62                                                  | 6,48             | 1349                                                | 1,4                              |                |                  |                      |              |                            |
|                                                        | 264                                                   | 52                                                  | 5,47             | 1317                                                | 1,5                              |                |                  |                      |              |                            |
|                                                        | 288                                                   | 48                                                  | 5,01             | 1298                                                | 1,7                              |                |                  |                      |              |                            |
|                                                        | 316                                                   | 44                                                  | 4,57             | 1278                                                | 1,7                              |                |                  |                      |              |                            |
|                                                        | 367                                                   | 38                                                  | 3,94             | 1242                                                | 1,9                              |                |                  |                      |              |                            |
|                                                        | 418                                                   | 33                                                  | 6,93             | 1210                                                | 2,1                              | MR102-3E90S/2B | 2,97             | 28                   | 107          | IE3                        |
|                                                        | 448                                                   | 31                                                  | 6,48             | 1192                                                | 2,3                              | NR102-3E90S/2B |                  | 30                   |              |                            |
|                                                        | 530                                                   | 26                                                  | 5,47             | 1148                                                | 2,5                              |                |                  |                      |              |                            |
|                                                        | 578                                                   | 24                                                  | 5,01             | 1125                                                | 2,5                              |                |                  |                      |              |                            |
|                                                        | 634                                                   | 22                                                  | 4,57             | 1100                                                | 2,8                              |                |                  |                      |              |                            |
|                                                        | 736                                                   | 19                                                  | 3,94             | 1060                                                | 2,9                              |                |                  |                      |              |                            |
|                                                        | 146                                                   | 94                                                  | 9,87             | 384                                                 | 0,8                              | MR002-3E90L/4D | 3,30             | 27                   | 106          | IE3                        |
|                                                        | 166                                                   | 83                                                  | 8,70             | 475                                                 | 0,9                              | NR002-3E90L/4D |                  | 28                   |              |                            |
|                                                        | 171                                                   | 80                                                  | 8,45             | 569                                                 | 0,9                              |                |                  |                      |              |                            |
|                                                        | 184                                                   | 75                                                  | 7,84             | 644                                                 | 1,0                              |                |                  |                      |              |                            |
|                                                        | 194                                                   | 71                                                  | 7,45             | 637                                                 | 1,0                              |                |                  |                      |              |                            |
|                                                        | 209                                                   | 66                                                  | 6,91             | 703                                                 | 1,0                              |                |                  |                      |              |                            |
|                                                        | 241                                                   | 57                                                  | 6,00             | 735                                                 | 1,2                              |                |                  |                      |              |                            |
|                                                        | 260                                                   | 53                                                  | 5,57             | 786                                                 | 1,2                              |                |                  |                      |              |                            |
|                                                        | 317                                                   | 43                                                  | 4,56             | 730                                                 | 1,3                              |                |                  |                      |              |                            |
|                                                        | 371                                                   | 37                                                  | 3,90             | 811                                                 | 1,5                              |                |                  |                      |              |                            |
|                                                        | 399                                                   | 35                                                  | 3,62             | 842                                                 | 1,5                              |                |                  |                      |              |                            |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3 Çıkış Devri                                                     | IE3 Çıkış Momenti                                                                  | Çevrim Oranı                                                                                         | IE3 Güv. Rad. Yük Çıkış Per. O. Loads (Output)                                                 | IE3 Servis Faktörü                                                 | Tipi                               | Anma Akımı    | Ağırlık      | Ölçü Sayfası | Motor Verim Snf.       |
|--------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------|---------------|--------------|--------------|------------------------|
| Power                                      | Output Speeds                                                       | Output Torque                                                                      | Ratio                                                                                                |                                                                                                | Service Factors                                                    | Type                               | Rated Current | Weight       | Dim. Page    | Motor Eff. Class       |
| Leistung                                   | Abtriebswelle Drehzahlen                                            | Abtriebswelle Drehmomente                                                          | Übersetzung                                                                                          | Zul. Querkkräfte (Abtrieb)                                                                     | Betriebsfaktor                                                     | Typ                                | Nennstrom     | Gewicht      | Maße Seite   | Motor Effizienz-klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]                                              | M <sub>2</sub> [Nm]                                                                | i                                                                                                    | F <sub>qam</sub> [N]                                                                           | f <sub>s</sub>                                                     |                                    | [A]           | [kg]         |              |                        |
| 1,5<br>2,0                                 | 420<br>483<br>521<br>637<br>744                                     | 33<br>28<br>26<br>22<br>19                                                         | 6,91<br>6,00<br>5,57<br>4,56<br>3,90                                                                 | 1023<br>1008<br>1018<br>949<br>960                                                             | 1,7<br>1,8<br>1,9<br>2,1<br>2,4                                    | MR002-3E90S/2B<br>NR002-3E90S/2B   | 2,97          | 25<br>27     | 106          | IE3                    |
| 2,2<br>3,0                                 | 0,93<br>1,1<br>1,2<br>1,3<br>1,6<br>1,7<br>1,9<br>2,2<br>2,5<br>2,7 | 20133<br>17763<br>15770<br>14070<br>11921<br>10977<br>9790<br>8662<br>7713<br>7151 | 1552,10<br>1368,27<br>1213,85<br>1082,31<br>914,74<br>842,80<br>750,24<br>662,54<br>588,87<br>546,94 | 80517<br>96442<br>107571<br>115554<br>124687<br>128448<br>132559<br>136320<br>139289<br>140965 | 0,9<br>1,0<br>1,1<br>1,3<br>1,5<br>1,6<br>1,8<br>2,1<br>2,3<br>2,5 | MR975-3E100L/4C<br>NR975-3E100L/4C | 4,65          | 1117<br>1167 | 135          | IE3                    |
|                                            | 2,8<br>3,2<br>3,7                                                   | 6816<br>6126<br>5221                                                               | 510,11<br>457,99<br>390,41                                                                           | 141940<br>143886<br>146314                                                                     | 2,6<br>2,9<br>3,4                                                  | MR974-3E100L/4C<br>NR974-3E100L/4C | 4,65          | 1132<br>1182 | 134          | IE3                    |
|                                            | 1,2<br>1,4<br>1,6<br>1,8<br>2,0                                     | 15697<br>13582<br>11869<br>10480<br>9331                                           | 1210,51<br>1049,18<br>915,85<br>807,91<br>718,74                                                     | 53401<br>68923<br>78704<br>85242<br>90183                                                      | 0,8<br>1,0<br>1,1<br>1,2<br>1,4                                    | MR875-3E100L/4C<br>NR875-3E100L/4C | 4,65          | 622<br>627   | 132          | IE3                    |
|                                            | 2,5<br>2,8                                                          | 7862<br>6967                                                                       | 390,74<br>345,67                                                                                     | 95889<br>98966                                                                                 | 1,7<br>1,9                                                         | MR874-3E112M/6B<br>NR874-3E112M/6B | 4,95          | 606<br>611   | 131          | IE3                    |
|                                            | 3,2<br>3,7<br>4,2<br>5,0<br>6,1                                     | 5936<br>5205<br>4612<br>3907<br>3208                                               | 446,42<br>390,74<br>345,67<br>292,15<br>239,61                                                       | 102173<br>104336<br>105998<br>107872<br>109927                                                 | 2,2<br>2,5<br>2,8<br>3,3<br>4,0                                    | MR874-3E100L/4C<br>NR874-3E100L/4C | 4,65          | 607<br>612   | 131          | IE3                    |
|                                            | 2,4<br>2,7<br>3,1<br>3,5<br>4,0<br>4,6<br>5,3<br>6,0<br>6,8<br>7,6  | 7903<br>7073<br>6222<br>5572<br>4812<br>4173<br>3655<br>3226<br>2865<br>2557       | 594,92<br>532,29<br>467,43<br>418,17<br>361,62<br>313,11<br>273,85<br>241,42<br>214,17<br>190,96     | 49168<br>52235<br>55047<br>57040<br>59086<br>60698<br>61916<br>62867<br>63629<br>64253         | 1,0<br>1,1<br>1,3<br>1,4<br>1,7<br>1,9<br>2,2<br>2,5<br>2,8<br>3,1 | MR774-3E100L/4C<br>NR774-3E100L/4C | 4,65          | 331<br>404   | 128          | IE3                    |
|                                            | 4,9<br>5,5<br>6,4<br>7,7<br>8,7                                     | 4033<br>3591<br>3066<br>2552<br>2276                                               | 196,61<br>174,89<br>149,11<br>124,07<br>110,55                                                       | 28019<br>30245<br>32556<br>34480<br>35446                                                      | 1,1<br>1,2<br>1,4<br>1,7<br>1,9                                    | MR673-3E112M/6B<br>NR673-3E112M/6B | 4,95          | 196<br>197   | 124          | IE3                    |





## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3 Çıkış Devri                                       | IE3 Çıkış Momenti                                   | Çevrim Oranı     | IE3 Güv. Rad. Yük Çıkış                             | IE3 Servis Faktörü               | Tipi            | Anma Akımı       | Ağırlık              | Ölçü Sayfası | Motor Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|-----------------|------------------|----------------------|--------------|----------------------------|
| Power                                                  | Output Speeds                                         | Output Torque                                       | Ratio            | Per.O. Loads (Output)                               | Service Factors                  | Type            | Rated Current    | Weight               | Dim. Page    | Motor Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ             | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite   | Motor Effizienz-<br>klasse |
| 2,2<br>3,0                                             | 5,0                                                   | 3878                                                | 291,25           | 12487                                               | 0,8                              | MR574-3E100L/4C | 4,65             | 150                  | 122          | IE3                        |
|                                                        | 5,6                                                   | 3450                                                | 258,87           | 16573                                               | 0,9                              | NR574-3E100L/4C |                  | 156                  |              |                            |
|                                                        | 6,5                                                   | 2953                                                | 221,40           | 20078                                               | 1,0                              |                 |                  |                      |              |                            |
|                                                        | 7,1                                                   | 2763                                                | 134,45           | 21288                                               | 1,1                              | MR573-3E112M/6B | 4,95             | 144                  | 121          | IE3                        |
|                                                        | 8,1                                                   | 2447                                                | 118,95           | 22947                                               | 1,2                              | NR573-3E112M/6B |                  | 150                  |              |                            |
|                                                        | 8,7                                                   | 2280                                                | 167,32           | 23646                                               | 1,3                              | MR573-3E100L/4C | 4,65             | 140                  | 121          | IE3                        |
|                                                        | 9,4                                                   | 2093                                                | 153,61           | 24525                                               | 1,4                              | NR573-3E100L/4C |                  | 146                  |              |                            |
|                                                        | 11                                                    | 1835                                                | 134,45           | 25569                                               | 1,6                              |                 |                  |                      |              |                            |
|                                                        | 12                                                    | 1625                                                | 118,95           | 26371                                               | 1,8                              |                 |                  |                      |              |                            |
|                                                        | 14                                                    | 1376                                                | 100,53           | 24667                                               | 2,2                              |                 |                  |                      |              |                            |
|                                                        | 18                                                    | 1129                                                | 82,45            | 28045                                               | 2,7                              |                 |                  |                      |              |                            |
|                                                        | 20                                                    | 998                                                 | 72,81            | 28440                                               | 3,0                              |                 |                  |                      |              |                            |
|                                                        | 22                                                    | 888                                                 | 64,72            | 27611                                               | 3,4                              |                 |                  |                      |              |                            |
|                                                        | 26                                                    | 752                                                 | 54,74            | 26326                                               | 4,0                              |                 |                  |                      |              |                            |
|                                                        | 30                                                    | 671                                                 | 48,74            | 25458                                               | 4,0                              |                 |                  |                      |              |                            |
|                                                        | 10                                                    | 1905                                                | 139,54           | 8420                                                | 0,8                              | MR473-3E100L/4C | 4,65             | 108                  | 118          | IE3                        |
|                                                        | 12                                                    | 1705                                                | 124,85           | 13075                                               | 0,9                              | NR473-3E100L/4C |                  | 111                  |              |                            |
|                                                        | 13                                                    | 1499                                                | 109,64           | 16237                                               | 1,0                              |                 |                  |                      |              |                            |
|                                                        | 16                                                    | 1254                                                | 91,58            | 17885                                               | 1,2                              |                 |                  |                      |              |                            |
|                                                        | 17                                                    | 1185                                                | 86,52            | 17690                                               | 1,3                              |                 |                  |                      |              |                            |
|                                                        | 20                                                    | 1002                                                | 73,09            | 17091                                               | 1,5                              |                 |                  |                      |              |                            |
|                                                        | 23                                                    | 874                                                 | 63,70            | 16584                                               | 1,8                              |                 |                  |                      |              |                            |
|                                                        | 26                                                    | 767                                                 | 55,82            | 16087                                               | 2,0                              |                 |                  |                      |              |                            |
|                                                        | 30                                                    | 674                                                 | 49,05            | 15595                                               | 2,3                              |                 |                  |                      |              |                            |
|                                                        | 34                                                    | 588                                                 | 42,75            | 15070                                               | 2,6                              |                 |                  |                      |              |                            |
|                                                        | 39                                                    | 516                                                 | 37,45            | 14566                                               | 3,0                              |                 |                  |                      |              |                            |
|                                                        | 47                                                    | 427                                                 | 30,93            | 13844                                               | 3,6                              |                 |                  |                      |              |                            |
|                                                        | 20                                                    | 995                                                 | 72,81            | 7973                                                | 0,8                              | MR373-3E100L/4C | 4,65             | 67                   | 115          | IE3                        |
|                                                        | 23                                                    | 847                                                 | 61,91            | 7909                                                | 1,0                              | NR373-3E100L/4C |                  | 68                   |              |                            |
|                                                        | 27                                                    | 727                                                 | 53,04            | 7802                                                | 1,1                              |                 |                  |                      |              |                            |
|                                                        | 30                                                    | 658                                                 | 48,00            | 7713                                                | 1,2                              |                 |                  |                      |              |                            |
|                                                        | 35                                                    | 564                                                 | 41,16            | 7552                                                | 1,5                              |                 |                  |                      |              |                            |
|                                                        | 41                                                    | 484                                                 | 35,25            | 7365                                                | 1,6                              |                 |                  |                      |              |                            |
|                                                        | 49                                                    | 406                                                 | 29,47            | 7127                                                | 1,8                              |                 |                  |                      |              |                            |
|                                                        | 57                                                    | 348                                                 | 25,27            | 6908                                                | 2,0                              |                 |                  |                      |              |                            |
|                                                        | 62                                                    | 325                                                 | 23,33            | 8493                                                | 2,5                              | MR372-3E100L/4C | 4,65             | 66                   | 115          | IE3                        |
|                                                        | 70                                                    | 287                                                 | 20,62            | 8112                                                | 2,7                              | NR372-3E100L/4C |                  | 69                   |              |                            |
|                                                        | 79                                                    | 257                                                 | 18,45            | 7786                                                | 2,9                              |                 |                  |                      |              |                            |
|                                                        | 90                                                    | 226                                                 | 16,20            | 7423                                                | 3,1                              |                 |                  |                      |              |                            |
|                                                        | 107                                                   | 189                                                 | 13,53            | 6953                                                | 3,5                              |                 |                  |                      |              |                            |
|                                                        | 116                                                   | 174                                                 | 12,48            | 6753                                                | 3,7                              |                 |                  |                      |              |                            |
|                                                        | 27                                                    | 741                                                 | 54,12            | 5713                                                | 0,8                              | MR283-3E100L/4C | 4,65             | 60                   | 112          | IE3                        |
|                                                        | 31                                                    | 636                                                 | 46,37            | 5867                                                | 0,9                              | NR283-3E100L/4C |                  | 62                   |              |                            |
|                                                        | 35                                                    | 576                                                 | 41,96            | 5836                                                | 1,0                              |                 |                  |                      |              |                            |
|                                                        | 40                                                    | 493                                                 | 35,98            | 5760                                                | 1,0                              |                 |                  |                      |              |                            |
|                                                        | 47                                                    | 423                                                 | 30,82            | 5657                                                | 1,1                              |                 |                  |                      |              |                            |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı | IE3<br>Güv. Rad. Yük<br>Çıkış | IE3<br>Servis Faktörü | Tipi            | Anma<br>Akımı    | Ağırlık | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------|-----------------------------|------------------------------|--------------|-------------------------------|-----------------------|-----------------|------------------|---------|-----------------|-------------------------------|
| Power                                      | Output<br>Speeds            | Output<br>Torque             | Ratio        | Per. O. Loads<br>(Output)     | Service<br>Factors    | Type            | Rated<br>Current | Weight  | Dim. Page       | Motor<br>Eff. Class           |
| Leistung                                   | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Übersetzung  | Zul. Querkräfte<br>(Abtrieb)  | Betriebsfaktor        | Typ             | Nennstrom        | Gewicht | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]      | M <sub>2</sub> [Nm]          | i            | F <sub>qam</sub> [N]          | f <sub>s</sub>        |                 | [A]              | [kg]    |                 |                               |
| 2,2<br>3,0                                 | 57                          | 351                          | 25,23        | 6888                          | 1,5                   | MR282-3E100L/4C | 4,65             | 57      | 112             | IE3                           |
|                                            | 67                          | 301                          | 21,66        | 7074                          | 1,7                   | NR282-3E100L/4C |                  | 61      |                 |                               |
|                                            | 76                          | 265                          | 19,06        | 6759                          | 1,8                   |                 |                  |         |                 |                               |
|                                            | 86                          | 236                          | 16,91        | 6461                          | 2,0                   |                 |                  |         |                 |                               |
|                                            | 101                         | 200                          | 14,31        | 6071                          | 2,2                   |                 |                  |         |                 |                               |
|                                            | 118                         | 171                          | 12,24        | 5731                          | 2,5                   |                 |                  |         |                 |                               |
|                                            | 137                         | 148                          | 10,57        | 5430                          | 2,8                   |                 |                  |         |                 |                               |
|                                            | 151                         | 135                          | 9,61         | 5246                          | 3,0                   |                 |                  |         |                 |                               |
|                                            | 174                         | 116                          | 8,33         | 4981                          | 3,3                   |                 |                  |         |                 |                               |
|                                            | 40                          | 501                          | 36,55        | 1614                          | 0,9                   | MR273-3E100L/4C | 4,65             | 50      | 110             | IE3                           |
|                                            | 48                          | 419                          | 30,48        | 2461                          | 1,1                   | NR273-3E100L/4C |                  | 52      |                 |                               |
|                                            | 57                          | 352                          | 25,55        | 3087                          | 1,2                   |                 |                  |         |                 |                               |
|                                            | 68                          | 299                          | 21,43        | 3552                          | 1,5                   | MR272-3E100L/4C | 4,65             | 48      | 110             | IE3                           |
|                                            | 79                          | 255                          | 18,33        | 3855                          | 1,7                   | NR272-3E100L/4C |                  | 50      |                 |                               |
|                                            | 90                          | 224                          | 16,07        | 4043                          | 1,9                   |                 |                  |         |                 |                               |
|                                            | 102                         | 198                          | 14,21        | 4173                          | 2,1                   |                 |                  |         |                 |                               |
|                                            | 121                         | 167                          | 11,95        | 4290                          | 2,3                   |                 |                  |         |                 |                               |
|                                            | 143                         | 142                          | 10,16        | 4343                          | 2,6                   |                 |                  |         |                 |                               |
|                                            | 167                         | 122                          | 8,71         | 4150                          | 3,0                   |                 |                  |         |                 |                               |
|                                            | 233                         | 87                           | 6,21         | 3709                          | 3,8                   |                 |                  |         |                 |                               |
|                                            | 274                         | 74                           | 5,28         | 3493                          | 3,6                   |                 |                  |         |                 |                               |
|                                            |                             |                              |              |                               |                       |                 |                  |         |                 |                               |
|                                            | 59                          | 339                          | 24,77        | 1346                          | 0,8                   | MR203-3E100L/4C | 4,65             | 48      | 109             | IE3                           |
|                                            | 62                          | 318                          | 23,23        | 1678                          | 0,8                   | NR203-3E100L/4C |                  | 50      |                 |                               |
|                                            | 72                          | 279                          | 20,10        | 3486                          | 0,9                   | MR202-3E100L/4C | 4,65             | 48      | 109             | IE3                           |
|                                            | 77                          | 262                          | 18,85        | 3657                          | 1,0                   | NR202-3E100L/4C |                  | 50      |                 |                               |
|                                            | 90                          | 223                          | 16,03        | 4011                          | 1,1                   |                 |                  |         |                 |                               |
|                                            | 98                          | 207                          | 14,86        | 4140                          | 1,2                   |                 |                  |         |                 |                               |
|                                            | 104                         | 194                          | 13,92        | 4236                          | 1,2                   |                 |                  |         |                 |                               |
|                                            | 119                         | 170                          | 12,18        | 4389                          | 1,3                   |                 |                  |         |                 |                               |
|                                            | 134                         | 151                          | 10,81        | 4485                          | 1,4                   |                 |                  |         |                 |                               |
|                                            | 144                         | 141                          | 10,07        | 4525                          | 1,5                   |                 |                  |         |                 |                               |
|                                            | 173                         | 117                          | 8,40         | 4358                          | 1,7                   |                 |                  |         |                 |                               |
|                                            | 206                         | 99                           | 7,04         | 4078                          | 1,9                   |                 |                  |         |                 |                               |
|                                            | 250                         | 81                           | 5,80         | 3859                          | 2,2                   |                 |                  |         |                 |                               |
|                                            | 286                         | 71                           | 5,08         | 3669                          | 2,3                   |                 |                  |         |                 |                               |
|                                            | 322                         | 63                           | 4,50         | 3507                          | 2,4                   |                 |                  |         |                 |                               |
|                                            | 345                         | 59                           | 4,20         | 3417                          | 2,5                   |                 |                  |         |                 |                               |
|                                            | 414                         | 49                           | 3,50         | 3195                          | 2,5                   |                 |                  |         |                 |                               |
|                                            |                             |                              |              |                               |                       |                 |                  |         |                 |                               |
|                                            | 79                          | 254                          | 18,28        | 554                           | 0,8                   | MR172-3E100L/4C | 4,65             | 38      | 108             | IE3                           |
|                                            | 85                          | 239                          | 17,14        | 724                           | 0,8                   | NR172-3E100L/4C |                  | 40      |                 |                               |
|                                            | 99                          | 203                          | 14,57        | 1089                          | 1,0                   |                 |                  |         |                 |                               |
|                                            | 115                         | 177                          | 12,66        | 1342                          | 1,1                   |                 |                  |         |                 |                               |
|                                            | 131                         | 155                          | 11,08        | 1534                          | 1,2                   |                 |                  |         |                 |                               |
|                                            | 152                         | 133                          | 9,53         | 1406                          | 1,3                   |                 |                  |         |                 |                               |
|                                            | 162                         | 125                          | 8,94         | 1483                          | 1,3                   |                 |                  |         |                 |                               |
|                                            | 191                         | 106                          | 7,60         | 1643                          | 1,5                   |                 |                  |         |                 |                               |
|                                            | 205                         | 99                           | 7,08         | 1699                          | 1,6                   |                 |                  |         |                 |                               |



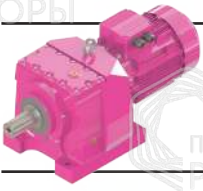
## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü            | Tipi                               | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------------|----------------------------------|------------------------------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio            |                                                           | Service<br>Factors               | Type                               | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]       | Betriebsfaktor<br>f <sub>s</sub> | Typ                                | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 2,2<br>3,0                                             | 220                                                   | 92                                                  | 6,60             | 1745                                                      | 1,6                              | MR172-3E100L/4C<br>NR172-3E100L/4C | 4,65             | 38<br>40             | 108             | IE3                           |
|                                                        | 251                                                   | 81                                                  | 5,78             | 1816                                                      | 1,7                              |                                    |                  |                      |                 |                               |
|                                                        | 303                                                   | 67                                                  | 4,78             | 1882                                                      | 1,9                              |                                    |                  |                      |                 |                               |
|                                                        | 355                                                   | 57                                                  | 4,09             | 1807                                                      | 2,1                              |                                    |                  |                      |                 |                               |
|                                                        | 429                                                   | 47                                                  | 3,38             | 1833                                                      | 2,3                              |                                    |                  |                      |                 |                               |
|                                                        | 439                                                   | 46                                                  | 6,60             | 1916                                                      | 2,7                              | MR172-3E90L/2C<br>NR172-3E90L/2C   | 4,25             | 31<br>33             | 108             | IE3                           |
|                                                        | 502                                                   | 40                                                  | 5,78             | 1906                                                      | 3,0                              |                                    |                  |                      |                 |                               |
|                                                        | 607                                                   | 33                                                  | 4,78             | 1867                                                      | 3,3                              |                                    |                  |                      |                 |                               |
|                                                        | 710                                                   | 29                                                  | 4,09             | 1777                                                      | 3,5                              |                                    |                  |                      |                 |                               |
|                                                        |                                                       |                                                     |                  |                                                           |                                  |                                    |                  |                      |                 |                               |
| 3,0<br>4,0                                             | 1,2                                                   | 21504                                               | 1213,85          | 68484                                                     | 0,8                              | MR975-3E100L/4D<br>NR975-3E100L/4D | 6,26             | 1131<br>1181         | 135             | IE3                           |
|                                                        | 1,3                                                   | 19187                                               | 1082,31          | 87173                                                     | 0,9                              |                                    |                  |                      |                 |                               |
|                                                        | 1,6                                                   | 16256                                               | 914,74           | 105024                                                    | 1,1                              |                                    |                  |                      |                 |                               |
|                                                        | 1,7                                                   | 14968                                               | 842,80           | 111316                                                    | 1,2                              |                                    |                  |                      |                 |                               |
|                                                        | 1,9                                                   | 13350                                               | 750,24           | 118765                                                    | 1,3                              |                                    |                  |                      |                 |                               |
|                                                        | 2,2                                                   | 11812                                               | 662,54           | 125117                                                    | 1,5                              |                                    |                  |                      |                 |                               |
|                                                        | 2,5                                                   | 10517                                               | 588,87           | 129906                                                    | 1,7                              |                                    |                  |                      |                 |                               |
|                                                        | 2,7                                                   | 9752                                                | 546,94           | 132691                                                    | 1,8                              |                                    |                  |                      |                 |                               |
|                                                        | 2,8                                                   | 9295                                                | 510,11           | 134243                                                    | 1,9                              | MR974-3E100L/4D<br>NR974-3E100L/4D | 6,26             | 1145<br>1195         | 134             | IE3                           |
|                                                        | 3,2                                                   | 8353                                                | 457,99           | 137305                                                    | 2,2                              |                                    |                  |                      |                 |                               |
|                                                        | 3,7                                                   | 7119                                                | 390,41           | 141059                                                    | 2,5                              |                                    |                  |                      |                 |                               |
|                                                        | 4,2                                                   | 6284                                                | 344,17           | 143447                                                    | 2,9                              |                                    |                  |                      |                 |                               |
|                                                        | 4,7                                                   | 5581                                                | 305,33           | 145364                                                    | 3,2                              |                                    |                  |                      |                 |                               |
|                                                        | 2,8                                                   | 9402                                                | 345,67           | 90007                                                     | 1,4                              | MR874-3E132S/6B<br>NR874-3E132S/6B | 6,55             | 619<br>624           | 131             | IE3                           |
|                                                        |                                                       |                                                     |                  |                                                           |                                  |                                    |                  |                      |                 |                               |
|                                                        | 3,2                                                   | 8095                                                | 446,42           | 95060                                                     | 1,6                              | MR874-3E100L/4D<br>NR874-3E100L/4D | 6,26             | 604<br>609           | 131             | IE3                           |
|                                                        | 3,7                                                   | 7098                                                | 390,74           | 98451                                                     | 1,8                              |                                    |                  |                      |                 |                               |
|                                                        | 4,2                                                   | 6290                                                | 345,67           | 101078                                                    | 2,1                              |                                    |                  |                      |                 |                               |
|                                                        | 5,0                                                   | 5327                                                | 292,15           | 103984                                                    | 2,4                              |                                    |                  |                      |                 |                               |
|                                                        | 6,1                                                   | 4374                                                | 239,61           | 106644                                                    | 3,0                              |                                    |                  |                      |                 |                               |
|                                                        | 6,9                                                   | 3869                                                | 211,60           | 107969                                                    | 3,4                              |                                    |                  |                      |                 |                               |
|                                                        | 7,7                                                   | 3444                                                | 188,08           | 109043                                                    | 3,8                              |                                    |                  |                      |                 |                               |
|                                                        | 8,3                                                   | 3193                                                | 174,68           | 110099                                                    | 4,0                              |                                    |                  |                      |                 |                               |
|                                                        | 9,8                                                   | 2705                                                | 147,61           | 115458                                                    | 4,0                              |                                    |                  |                      |                 |                               |
|                                                        | 12                                                    | 2308                                                | 125,70           | 118854                                                    | 4,0                              |                                    |                  |                      |                 |                               |
|                                                        | 13                                                    | 1980                                                | 107,60           | 121258                                                    | 4,0                              |                                    |                  |                      |                 |                               |
|                                                        | 3,5                                                   | 7598                                                | 418,17           | 50336                                                     | 1,1                              | MR774-3E100L/4D<br>NR774-3E100L/4D | 6,26             | 320<br>391           | 128             | IE3                           |
|                                                        | 4,0                                                   | 6562                                                | 361,62           | 53959                                                     | 1,2                              |                                    |                  |                      |                 |                               |
|                                                        | 4,6                                                   | 5781                                                | 208,82           | 56440                                                     | 1,4                              | MR773-3E132S/6B<br>NR773-3E132S/6B | 6,55             | 317<br>383           | 127             | IE3                           |
|                                                        | 5,4                                                   | 4956                                                | 178,78           | 58748                                                     | 1,6                              |                                    |                  |                      |                 |                               |
|                                                        | 6,5                                                   | 4124                                                | 148,73           | 60850                                                     | 1,9                              |                                    |                  |                      |                 |                               |
|                                                        | 7,3                                                   | 3693                                                | 133,05           | 61793                                                     | 2,2                              |                                    |                  |                      |                 |                               |
|                                                        | 8,4                                                   | 3191                                                | 115,06           | 63024                                                     | 2,5                              |                                    |                  |                      |                 |                               |
|                                                        | 9,7                                                   | 2767                                                | 99,63            | 63850                                                     | 2,9                              |                                    |                  |                      |                 |                               |
|                                                        | 11                                                    | 2423                                                | 87,13            | 64534                                                     | 3,3                              |                                    |                  |                      |                 |                               |
|                                                        | 13                                                    | 2139                                                | 76,81            | 65077                                                     | 3,7                              |                                    |                  |                      |                 |                               |
|                                                        | 14                                                    | 1899                                                | 68,15            | 66229                                                     | 4,0                              |                                    |                  |                      |                 |                               |
|                                                        |                                                       |                                                     |                  |                                                           |                                  |                                    |                  |                      |                 |                               |





## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı | IE3<br>Güv. Rad. Yük<br>Çıkış | IE3<br>Servis Faktörü | Tipi            | Anma<br>Akımı    | Ağırlık | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------|-----------------------------|------------------------------|--------------|-------------------------------|-----------------------|-----------------|------------------|---------|-----------------|-------------------------------|
| Power                                      | Output<br>Speeds            | Output<br>Torque             | Ratio        | Per. O. Loads<br>(Output)     | Service<br>Factors    | Type            | Rated<br>Current | Weight  | Dim. Page       | Motor<br>Eff. Class           |
| Leistung                                   | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Übersetzung  | Zul. Querkräfte<br>(Abtrieb)  | Betriebsfaktor        | Typ             | Nennstrom        | Gewicht | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]      | M <sub>2</sub> [Nm]          | i            | F <sub>qam</sub> [N]          | f <sub>s</sub>        |                 | [A]              | [kg]    |                 |                               |
| 3,0<br>4,0                                 | 6,5                         | 4135                         | 149,11       | 27341                         | 1,0                   | MR673-3E132S/6B | 6,55             | 226     | 124             | IE3                           |
|                                            | 7,8                         | 3441                         | 124,07       | 30850                         | 1,2                   | NR673-3E132S/6B |                  | 228     |                 |                               |
|                                            | 8,8                         | 3070                         | 110,55       | 32471                         | 1,4                   |                 |                  |         |                 |                               |
|                                            | 10                          | 2613                         | 94,17        | 34257                         | 1,6                   |                 |                  |         |                 |                               |
|                                            | 12                          | 2249                         | 80,96        | 35537                         | 1,9                   |                 |                  |         |                 |                               |
|                                            | 14                          | 1955                         | 70,26        | 36494                         | 2,2                   |                 |                  |         |                 |                               |
|                                            | 16                          | 1711                         | 61,42        | 37234                         | 2,5                   |                 |                  |         |                 |                               |
|                                            | 18                          | 1506                         | 53,99        | 36465                         | 2,9                   |                 |                  |         |                 |                               |
|                                            | 18                          | 1468                         | 52,68        | 36219                         | 2,9                   |                 |                  |         |                 |                               |
|                                            | 21                          | 1264                         | 45,29        | 34729                         | 3,4                   |                 |                  |         |                 |                               |
|                                            | 25                          | 1099                         | 39,30        | 33361                         | 3,9                   |                 |                  |         |                 |                               |
|                                            | 28                          | 962                          | 34,36        | 32093                         | 4,0                   |                 |                  |         |                 |                               |
|                                            | 7,5                         | 3538                         | 194,15       | 15818                         | 0,8                   | MR574-3E100L/4D | 6,26             | 154     | 122             | IE3                           |
|                                            |                             |                              |              |                               |                       | NR574-3E100L/4D |                  | 148     |                 |                               |
|                                            | 8,7                         | 3111                         | 167,32       | 19059                         | 1,0                   | MR573-3E100L/4D | 6,26             | 144     | 121             | IE3                           |
|                                            | 9,4                         | 2856                         | 153,61       | 20666                         | 1,1                   | NR573-3E100L/4D |                  | 138     |                 |                               |
|                                            | 11                          | 2503                         | 134,45       | 22555                         | 1,2                   |                 |                  |         |                 |                               |
|                                            | 12                          | 2217                         | 118,95       | 23939                         | 1,4                   |                 |                  |         |                 |                               |
|                                            | 14                          | 1877                         | 100,53       | 25413                         | 1,6                   |                 |                  |         |                 |                               |
|                                            | 18                          | 1540                         | 82,45        | 26678                         | 1,9                   |                 |                  |         |                 |                               |
|                                            | 20                          | 1362                         | 72,81        | 27295                         | 2,2                   |                 |                  |         |                 |                               |
|                                            | 22                          | 1212                         | 64,72        | 26831                         | 2,5                   |                 |                  |         |                 |                               |
|                                            | 26                          | 1027                         | 54,74        | 25667                         | 2,9                   |                 |                  |         |                 |                               |
|                                            | 30                          | 916                          | 48,74        | 24870                         | 3,3                   |                 |                  |         |                 |                               |
|                                            | 36                          | 751                          | 39,98        | 23535                         | 3,8                   |                 |                  |         |                 |                               |
|                                            | 41                          | 664                          | 35,31        | 22718                         | 4,0                   |                 |                  |         |                 |                               |
|                                            | 46                          | 591                          | 31,38        | 21958                         | 4,0                   |                 |                  |         |                 |                               |
|                                            | 16                          | 1711                         | 91,58        | 12963                         | 0,9                   | MR473-3E100L/4D | 6,26             | 109     | 118             | IE3                           |
|                                            | 17                          | 1617                         | 86,52        | 14572                         | 1,0                   | NR473-3E100L/4D |                  | 112     |                 |                               |
|                                            | 20                          | 1367                         | 73,09        | 15967                         | 1,1                   |                 |                  |         |                 |                               |
|                                            | 23                          | 1192                         | 63,70        | 15605                         | 1,3                   |                 |                  |         |                 |                               |
|                                            | 26                          | 1046                         | 55,82        | 15229                         | 1,5                   |                 |                  |         |                 |                               |
|                                            | 30                          | 920                          | 49,05        | 14841                         | 1,7                   |                 |                  |         |                 |                               |
|                                            | 34                          | 803                          | 42,75        | 14412                         | 1,9                   |                 |                  |         |                 |                               |
|                                            | 39                          | 704                          | 37,45        | 13990                         | 2,2                   |                 |                  |         |                 |                               |
|                                            | 44                          | 628                          | 22,15        | 13591                         | 2,5                   | MR472-3E132S/6B | 6,55             | 119     | 118             | IE3                           |
|                                            | 52                          | 531                          | 18,72        | 13041                         | 2,9                   | NR472-3E132S/6B |                  | 122     |                 |                               |
|                                            | 56                          | 489                          | 17,25        | 12773                         | 3,0                   |                 |                  |         |                 |                               |
|                                            | 63                          | 436                          | 15,35        | 12394                         | 3,3                   |                 |                  |         |                 |                               |
|                                            | 27                          | 991                          | 53,04        | 6831                          | 0,8                   | MR373-3E100L/4D | 6,26             | 69      | 115             | IE3                           |
|                                            | 30                          | 898                          | 48,00        | 6834                          | 0,9                   | NR373-3E100L/4D |                  | 72      |                 |                               |
|                                            | 35                          | 769                          | 41,16        | 6798                          | 1,1                   |                 |                  |         |                 |                               |
|                                            | 41                          | 660                          | 35,25        | 6719                          | 1,2                   |                 |                  |         |                 |                               |
|                                            | 49                          | 554                          | 29,47        | 6587                          | 1,4                   |                 |                  |         |                 |                               |
|                                            | 57                          | 475                          | 25,27        | 6445                          | 1,5                   |                 |                  |         |                 |                               |
|                                            | 62                          | 443                          | 23,33        | 8279                          | 1,8                   | MR372-3E100L/4D | 6,26             | 67      | 115             | IE3                           |
|                                            | 70                          | 392                          | 20,62        | 8271                          | 2,0                   | NR372-3E100L/4D |                  | 69      |                 |                               |
|                                            | 79                          | 351                          | 18,45        | 7929                          | 2,1                   |                 |                  |         |                 |                               |
|                                            | 90                          | 308                          | 16,20        | 7551                          | 2,3                   |                 |                  |         |                 |                               |
|                                            | 107                         | 258                          | 13,53        | 7061                          | 2,6                   |                 |                  |         |                 |                               |
|                                            | 116                         | 238                          | 12,48        | 6852                          | 2,7                   |                 |                  |         |                 |                               |
|                                            | 134                         | 206                          | 10,80        | 6498                          | 3,0                   |                 |                  |         |                 |                               |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                                                                | IE3<br>Çıkış Momenti                                                                               | Çevrim Oranı                                                                                                                | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output)                                                            | IE3<br>Servis Faktörü                                                                                 | Tipi                               | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                                                                  | Output<br>Torque                                                                                   | Ratio                                                                                                                       |                                                                                                                      | Service<br>Factors                                                                                    | Type                               | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m]                                             | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm]                                                | Übersetzung<br>i                                                                                                            | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]                                                                  | Betriebsfaktor<br>f <sub>s</sub>                                                                      | Typ                                | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 3,0<br>4,0                                             | 154<br>176                                                                                        | 180<br>158                                                                                         | 9,41<br>8,25                                                                                                                | 6179<br>5890                                                                                                         | 3,3<br>3,6                                                                                            | MR372-3E100L/4D<br>NR372-3E100L/4D | 6,26             | 67<br>69             | 115             | IE3                           |
|                                                        | 47                                                                                                | 578                                                                                                | 30,82                                                                                                                       | 5034                                                                                                                 | 0,8                                                                                                   | MR283-3E100L/4D<br>NR283-3E100L/4D | 6,26             | 61<br>63             | 112             | IE3                           |
|                                                        | 57<br>67<br>76<br>86<br>101<br>118<br>137<br>151<br>174<br>201<br>232<br>271<br>314<br>345<br>398 | 479<br>411<br>362<br>322<br>272<br>233<br>202<br>184<br>159<br>138<br>119<br>102<br>88<br>80<br>70 | 25,23<br>21,66<br>19,06<br>16,91<br>14,31<br>12,24<br>10,57<br>9,61<br>8,33<br>7,21<br>6,25<br>5,35<br>4,62<br>4,20<br>3,64 | 4803<br>5284<br>5589<br>5806<br>6014<br>5838<br>5523<br>5331<br>5055<br>4794<br>4614<br>4355<br>4125<br>3985<br>3783 | 1,1<br>1,2<br>1,3<br>1,5<br>1,6<br>1,8<br>2,0<br>2,2<br>2,5<br>2,7<br>3,0<br>3,1<br>3,2<br>3,2<br>3,5 | MR282-3E100L/4D<br>NR282-3E100L/4D | 6,26             | 59<br>61             | 112             | IE3                           |
|                                                        | 57                                                                                                | 480                                                                                                | 25,55                                                                                                                       | 855                                                                                                                  | 0,9                                                                                                   | MR273-3E100L/4D<br>NR273-3E100L/4D | 6,26             | 51<br>53             | 110             | IE3                           |
|                                                        | 68<br>79<br>90<br>102<br>121<br>143<br>167<br>233<br>274<br>320                                   | 407<br>348<br>306<br>271<br>228<br>194<br>166<br>119<br>101<br>87                                  | 21,43<br>18,33<br>16,07<br>14,21<br>11,95<br>10,16<br>8,71<br>6,21<br>5,28<br>4,53                                          | 1680<br>2254<br>2639<br>2932<br>3246<br>3455<br>3591<br>3454<br>3496<br>3357                                         | 1,1<br>1,3<br>1,4<br>1,5<br>1,7<br>1,9<br>2,2<br>2,8<br>2,6<br>2,7                                    | MR272-3E100L/4D<br>NR272-3E100L/4D | 6,26             | 50<br>52             | 110             | IE3                           |
|                                                        | 90<br>98<br>104<br>119<br>134<br>144<br>173<br>206<br>250<br>286<br>322<br>345<br>414             | 304<br>283<br>265<br>232<br>206<br>192<br>160<br>134<br>111<br>97<br>86<br>80<br>67                | 16,03<br>14,86<br>13,92<br>12,18<br>10,81<br>10,07<br>8,40<br>7,04<br>5,80<br>5,08<br>4,50<br>4,20<br>3,50                  | 2273<br>2529<br>2726<br>3069<br>3314<br>3434<br>3671<br>3819<br>3447<br>3527<br>3570<br>3489<br>3255                 | 0,8<br>0,8<br>0,9<br>1,0<br>1,0<br>1,1<br>1,2<br>1,4<br>1,6<br>1,7<br>1,7<br>1,8<br>1,9               | MR202-3E100L/4D<br>NR202-3E100L/4D | 6,26             | 50<br>52             | 109             | IE3                           |
|                                                        | 502<br>573<br>646<br>693                                                                          | 55<br>48<br>43<br>40                                                                               | 5,80<br>5,08<br>4,50<br>4,20                                                                                                | 3026<br>2879<br>2755<br>2684                                                                                         | 2,5<br>2,6<br>2,8<br>2,9                                                                              | MR202-3E100L/2C<br>NR202-3E100L/2C | 5,58             | 48<br>50             | 109             | IE3                           |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3<br>Çıkış Devri                                                        | IE3<br>Çıkış Momenti                                                   | Çevrim Oranı                                                                           | IE3<br>Güv. Rad. Yük<br>Çıkış                                                  | IE3<br>Servis Faktörü                                                     | Tipi                               | Anma<br>Akımı    | Ağırlık      | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------|------------------|--------------|-----------------|-------------------------------|
| Power                                      | Output<br>Speeds                                                          | Output<br>Torque                                                       | Ratio                                                                                  | Per.O. Loads<br>(Output)                                                       | Service<br>Factors                                                        | Type                               | Rated<br>Current | Weight       | Dim. Page       | Motor<br>Eff. Class           |
| Leistung                                   | Abtriebswelle<br>Drehzahlen                                               | Abtriebswelle<br>Drehmomente                                           | Übersetzung                                                                            | Zul.Querkräfte<br>(Abtrieb)                                                    | Betriebsfaktor                                                            | Typ                                | Nennstrom        | Gewicht      | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]                                                    | M <sub>2</sub> [Nm]                                                    | i                                                                                      | F <sub>qam</sub> [N]                                                           | f <sub>s</sub>                                                            |                                    | [A]              | [kg]         |                 |                               |
| 3,0<br>4,0                                 | 115<br>131<br>152<br>162<br>191<br>205<br>220<br>251<br>303<br>355<br>429 | 241<br>211<br>182<br>170<br>145<br>135<br>126<br>110<br>91<br>78<br>65 | 12,66<br>11,08<br>9,53<br>8,94<br>7,60<br>7,08<br>6,60<br>5,78<br>4,78<br>4,09<br>3,38 | 225<br>556<br>458<br>594<br>887<br>995<br>1088<br>1242<br>1406<br>1364<br>1466 | 0,8<br>0,9<br>0,9<br>1,0<br>1,1<br>1,2<br>1,2<br>1,2<br>1,4<br>1,5<br>1,7 | MR172-3E100L/4D<br>NR172-3E100L/4D | 6,26             | 40<br>41     | 108             | IE3                           |
|                                            | 441<br>504<br>609<br>712                                                  | 63<br>55<br>46<br>39                                                   | 6,60<br>5,78<br>4,78<br>4,09                                                           | 1589<br>1619<br>1640<br>1571                                                   | 2,0<br>2,2<br>2,4<br>2,6                                                  | MR172-3E100L/2C<br>NR172-3E100L/2C | 5,58             | 40<br>41     | 108             | IE3                           |
| 4,0<br>5,5                                 | 1,7<br>1,9<br>2,2<br>2,5<br>2,7                                           | 19821<br>17678<br>15641<br>13927<br>12913                              | 842,80<br>750,24<br>662,54<br>588,87<br>546,94                                         | 82433<br>97186<br>108230<br>116428<br>120825                                   | 0,9<br>1,0<br>1,2<br>1,3<br>1,4                                           | MR975-3E112M/4D<br>NR975-3E112M/4D | 8,05             | 1137<br>1187 | 135             | IE3                           |
|                                            | 2,9<br>3,2<br>3,7<br>4,2<br>4,8<br>5,4<br>6,8                             | 12308<br>11061<br>9428<br>8321<br>7390<br>6596<br>5244                 | 510,11<br>457,99<br>390,41<br>344,17<br>305,33<br>272,24<br>216,03                     | 123313<br>128136<br>133687<br>137316<br>140184<br>142505<br>146207             | 1,5<br>1,6<br>1,9<br>2,2<br>2,4<br>2,7<br>3,4                             | MR974-3E112M/4D<br>NR974-3E112M/4D | 8,05             | 1187<br>1237 | 134             | IE3                           |
|                                            | 2,8<br>3,3                                                                | 12536<br>10618                                                         | 345,67<br>292,15                                                                       | 75126<br>84759                                                                 | 1,0<br>1,2                                                                | MR874-3E132M/6C<br>NR874-3E132M/6C | 8,52             | 627<br>632   | 131             | IE3                           |
|                                            | 3,7<br>4,2<br>5,0<br>6,1<br>7,8<br>8,4                                    | 9399<br>8329<br>7055<br>5792<br>4561<br>4228                           | 390,74<br>345,67<br>292,15<br>239,61<br>188,08<br>174,68                               | 90037<br>94199<br>98633<br>102551<br>106097<br>106993                          | 1,4<br>1,6<br>1,8<br>2,2<br>2,9<br>3,1                                    | MR874-3E112M/4D<br>NR874-3E112M/4D | 8,05             | 623<br>628   | 131             | IE3                           |
|                                            | 8,8<br>9,7                                                                | 4078<br>3695                                                           | 110,17<br>99,81                                                                        | 107463<br>108446                                                               | 3,2<br>3,5                                                                | MR873-3E132M/6C<br>NR873-3E132M/6C | 8,52             | 592<br>597   | 130             | IE3                           |
|                                            | 4,6<br>5,4<br>6,5<br>7,3<br>8,4<br>9,7<br>11<br>13<br>14                  | 7714<br>6614<br>5504<br>4929<br>4259<br>3693<br>3234<br>2854<br>2535   | 208,82<br>178,78<br>148,73<br>133,05<br>115,06<br>99,63<br>87,13<br>76,81<br>68,15     | 49983<br>53856<br>57240<br>58820<br>60524<br>61795<br>62923<br>63672<br>64315  | 1,0<br>1,2<br>1,5<br>1,6<br>1,9<br>2,2<br>2,5<br>2,8<br>3,2               | MR773-3E132M/6C<br>NR773-3E132M/6C | 8,52             | 329<br>397   | 127             | IE3                           |



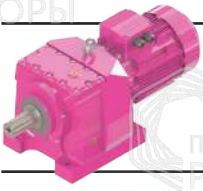


## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3 Çıkış Devri                                       | IE3 Çıkış Momenti                                   | Çevrim Oranı     | IE3 Güv. Rad. Yük Çıkış                             | IE3 Servis Faktörü               | Tipi            | Anma Akımı       | Ağırlık              | Ölçü Sayfası | Motor Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|-----------------|------------------|----------------------|--------------|----------------------------|
| Power                                                  | Output Speeds                                         | Output Torque                                       | Ratio            | Per.O. Loads (Output)                               | Service Factors                  | Type            | Rated Current    | Weight               | Dim. Page    | Motor Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ             | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite   | Motor Effizienz-<br>klasse |
| 4,0<br>5,5                                             | 8,3                                                   | 4310                                                | 174,89           | 26324                                               | 1,0                              | MR673-3E112M/4D | 8,05             | 224                  | 124          | IE3                        |
|                                                        | 9,8                                                   | 3680                                                | 149,11           | 29726                                               | 1,2                              | NR673-3E112M/4D |                  | 233                  |              |                            |
|                                                        | 12                                                    | 3064                                                | 124,07           | 32500                                               | 1,4                              |                 |                  |                      |              |                            |
|                                                        | 13                                                    | 2733                                                | 110,55           | 33811                                               | 1,6                              |                 |                  |                      |              |                            |
|                                                        | 16                                                    | 2283                                                | 61,42            | 35422                                               | 1,9                              | MR673-3E132M/6C | 8,52             | 224                  | 124          | IE3                        |
|                                                        | 18                                                    | 2009                                                | 53,99            | 35379                                               | 2,1                              | NR673-3E132M/6C |                  | 232                  |              |                            |
|                                                        | 18                                                    | 1960                                                | 52,68            | 35160                                               | 2,2                              |                 |                  |                      |              |                            |
|                                                        | 21                                                    | 1687                                                | 45,29            | 33818                                               | 2,5                              |                 |                  |                      |              |                            |
|                                                        | 25                                                    | 1466                                                | 39,30            | 32570                                               | 2,9                              |                 |                  |                      |              |                            |
|                                                        | 28                                                    | 1284                                                | 34,36            | 31402                                               | 3,3                              |                 |                  |                      |              |                            |
|                                                        | 32                                                    | 1130                                                | 30,20            | 30300                                               | 3,7                              |                 |                  |                      |              |                            |
|                                                        | 12                                                    | 2937                                                | 118,95           | 20176                                               | 1,0                              | MR573-3E112M/4D | 8,05             | 149                  | 121          | IE3                        |
|                                                        | 15                                                    | 2486                                                | 100,53           | 22685                                               | 1,2                              | NR573-3E112M/4D |                  | 143                  |              |                            |
|                                                        | 18                                                    | 2040                                                | 82,45            | 24752                                               | 1,5                              |                 |                  |                      |              |                            |
|                                                        | 20                                                    | 1804                                                | 72,81            | 25715                                               | 1,7                              |                 |                  |                      |              |                            |
|                                                        | 23                                                    | 1605                                                | 64,72            | 25814                                               | 1,9                              |                 |                  |                      |              |                            |
|                                                        | 27                                                    | 1360                                                | 54,74            | 24800                                               | 2,2                              |                 |                  |                      |              |                            |
|                                                        | 30                                                    | 1213                                                | 48,74            | 24094                                               | 2,5                              |                 |                  |                      |              |                            |
|                                                        | 37                                                    | 995                                                 | 39,98            | 22891                                               | 2,9                              |                 |                  |                      |              |                            |
|                                                        | 41                                                    | 880                                                 | 35,31            | 22145                                               | 3,1                              |                 |                  |                      |              |                            |
|                                                        | 47                                                    | 783                                                 | 31,38            | 21445                                               | 3,4                              |                 |                  |                      |              |                            |
|                                                        | 54                                                    | 681                                                 | 27,00            | 20567                                               | 4,0                              | MR572-3E112M/4D | 8,05             | 142                  | 121          | IE3                        |
|                                                        | 63                                                    | 581                                                 | 23,02            | 19657                                               | 4,0                              | NR572-3E112M/4D |                  | 136                  |              |                            |
|                                                        | 20                                                    | 1810                                                | 73,09            | 10931                                               | 0,9                              | MR473-3E112M/4D | 8,05             | 122                  | 118          | IE3                        |
|                                                        | 23                                                    | 1580                                                | 63,70            | 14370                                               | 1,0                              | NR473-3E112M/4D |                  | 130                  |              |                            |
|                                                        | 26                                                    | 1386                                                | 55,82            | 14143                                               | 1,1                              |                 |                  |                      |              |                            |
|                                                        | 30                                                    | 1219                                                | 49,05            | 13884                                               | 1,3                              |                 |                  |                      |              |                            |
|                                                        | 34                                                    | 1064                                                | 42,75            | 13575                                               | 1,5                              |                 |                  |                      |              |                            |
|                                                        | 39                                                    | 933                                                 | 37,45            | 13253                                               | 1,7                              |                 |                  |                      |              |                            |
|                                                        | 47                                                    | 772                                                 | 30,93            | 12756                                               | 2,0                              |                 |                  |                      |              |                            |
|                                                        | 57                                                    | 642                                                 | 25,67            | 12247                                               | 2,4                              |                 |                  |                      |              |                            |
|                                                        | 66                                                    | 559                                                 | 22,15            | 11834                                               | 2,6                              | MR472-3E112M/4D | 8,05             | 115                  | 118          | IE3                        |
|                                                        | 78                                                    | 473                                                 | 18,72            | 11358                                               | 3,1                              | NR472-3E112M/4D |                  | 123                  |              |                            |
|                                                        | 85                                                    | 435                                                 | 17,25            | 11126                                               | 3,0                              |                 |                  |                      |              |                            |
|                                                        | 95                                                    | 388                                                 | 15,35            | 10797                                               | 3,2                              |                 |                  |                      |              |                            |
|                                                        | 41                                                    | 874                                                 | 35,25            | 5913                                                | 0,9                              | MR373-3E112M/4D | 8,05             | 76                   | 115          | IE3                        |
|                                                        | 50                                                    | 734                                                 | 29,47            | 5910                                                | 1,0                              | NR373-3E112M/4D |                  | 78                   |              |                            |
|                                                        | 58                                                    | 629                                                 | 25,27            | 5863                                                | 1,1                              |                 |                  |                      |              |                            |
|                                                        | 67                                                    | 539                                                 | 21,65            | 5782                                                | 1,2                              |                 |                  |                      |              |                            |
|                                                        | 71                                                    | 520                                                 | 20,62            | 6457                                                | 1,5                              | MR372-3E112M/4D | 8,05             | 76                   | 115          | IE3                        |
|                                                        | 79                                                    | 465                                                 | 18,45            | 6779                                                | 1,6                              | NR372-3E112M/4D |                  | 79                   |              |                            |
|                                                        | 90                                                    | 409                                                 | 16,20            | 7066                                                | 1,7                              |                 |                  |                      |              |                            |
|                                                        | 108                                                   | 342                                                 | 13,53            | 7172                                                | 2,0                              |                 |                  |                      |              |                            |
|                                                        | 117                                                   | 315                                                 | 12,48            | 6955                                                | 2,1                              |                 |                  |                      |              |                            |
|                                                        | 135                                                   | 273                                                 | 10,80            | 6586                                                | 2,3                              |                 |                  |                      |              |                            |
|                                                        | 155                                                   | 238                                                 | 9,41             | 6257                                                | 2,5                              |                 |                  |                      |              |                            |
|                                                        | 177                                                   | 209                                                 | 8,25             | 5957                                                | 2,7                              |                 |                  |                      |              |                            |
|                                                        | 213                                                   | 173                                                 | 6,84             | 5605                                                | 3,2                              |                 |                  |                      |              |                            |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                 | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı | IE3<br>Güv. Rad. Yük<br>Çıkış | IE3<br>Servis Faktörü | Tipi                               | Anma<br>Akımı    | Ağırlık  | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|---------------------|-----------------------------|------------------------------|--------------|-------------------------------|-----------------------|------------------------------------|------------------|----------|-----------------|-------------------------------|
| Power               | Output<br>Speeds            | Output<br>Torque             | Ratio        | Per. O. Loads<br>(Output)     | Service<br>Factors    | Type                               | Rated<br>Current | Weight   | Dim. Page       | Motor<br>Eff. Class           |
| Leistung            | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Übersetzung  | Zul. Querkraften<br>(Abtrieb) | Betriebsfaktor        | Typ                                | Nennstrom        | Gewicht  | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW] | n <sub>2</sub> [r.p.m]      | M <sub>2</sub> [Nm]          | i            | F <sub>qam</sub> [N]          | f <sub>s</sub>        |                                    | [A]              | [kg]     |                 |                               |
| 4,0                 | 77                          | 480                          | 19,06        | 3648                          | 1,0                   | MR282-3E112M/4D                    | 8,05             | 69       | 112             | IE3                           |
| 5,5                 | 86                          | 426                          | 16,91        | 4081                          | 1,1                   | NR282-3E112M/4D                    |                  | 71       |                 |                               |
|                     | 102                         | 361                          | 14,31        | 4552                          | 1,2                   |                                    |                  |          |                 |                               |
|                     | 119                         | 309                          | 12,24        | 4872                          | 1,4                   |                                    |                  |          |                 |                               |
|                     | 138                         | 267                          | 10,57        | 5086                          | 1,5                   |                                    |                  |          |                 |                               |
|                     | 152                         | 243                          | 9,61         | 5184                          | 1,6                   |                                    |                  |          |                 |                               |
|                     | 175                         | 211                          | 8,33         | 5133                          | 1,9                   |                                    |                  |          |                 |                               |
|                     | 202                         | 183                          | 7,21         | 4861                          | 2,0                   |                                    |                  |          |                 |                               |
|                     | 234                         | 158                          | 6,25         | 4693                          | 2,3                   |                                    |                  |          |                 |                               |
|                     | 273                         | 135                          | 5,35         | 4422                          | 2,4                   |                                    |                  |          |                 |                               |
|                     | 316                         | 117                          | 4,62         | 4182                          | 2,4                   |                                    |                  |          |                 |                               |
|                     | 348                         | 107                          | 4,20         | 4037                          | 2,4                   |                                    |                  |          |                 |                               |
|                     | 401                         | 92                           | 3,64         | 3827                          | 2,6                   |                                    |                  |          |                 |                               |
|                     | 463                         | 80                           | 3,15         | 3629                          | 2,8                   |                                    |                  |          |                 |                               |
|                     | 545                         | 68                           | 5,35         | 3420                          | 3,8                   | MR282-3E112M/2C<br>NR282-3E112M/2C | 7,28             | 69<br>70 | 112             | IE3                           |
|                     | 77                          | 472                          | 19,00        | -                             | 0,9                   | MR273-3E112M/4D<br>NR273-3E112M/4D | 8,05             | 59<br>61 | 110             | IE3                           |
|                     | 91                          | 405                          | 16,07        | 914                           | 1,0                   | MR272-3E112M/4D<br>NR272-3E112M/4D | 8,05             | 59<br>61 | 110             | IE3                           |
|                     | 103                         | 359                          | 14,21        | 1405                          | 1,1                   |                                    |                  |          |                 |                               |
|                     | 122                         | 302                          | 11,95        | 1960                          | 1,3                   |                                    |                  |          |                 |                               |
|                     | 144                         | 257                          | 10,16        | 2361                          | 1,5                   |                                    |                  |          |                 |                               |
|                     | 168                         | 221                          | 8,71         | 2652                          | 1,6                   |                                    |                  |          |                 |                               |
|                     | 235                         | 157                          | 6,21         | 2693                          | 2,1                   |                                    |                  |          |                 |                               |
|                     | 276                         | 134                          | 5,28         | 2848                          | 2,0                   |                                    |                  |          |                 |                               |
|                     | 323                         | 115                          | 4,53         | 2946                          | 2,0                   |                                    |                  |          |                 |                               |
|                     | 469                         | 79                           | 6,21         | 2962                          | 3,6                   | MR272-3E112M/2C<br>NR272-3E112M/2C | 7,28             | 58<br>60 | 110             | IE3                           |
|                     | 552                         | 67                           | 5,28         | 2788                          | 2,9                   |                                    |                  |          |                 |                               |
|                     | 644                         | 58                           | 4,53         | 2633                          | 3,1                   |                                    |                  |          |                 |                               |
|                     | 135                         | 273                          | 10,81        | 1872                          | 0,8                   | MR202-3E112M/4D<br>NR202-3E112M/4D | 8,05             | 59<br>61 | 109             | IE3                           |
|                     | 145                         | 254                          | 10,07        | 2088                          | 0,8                   |                                    |                  |          |                 |                               |
|                     | 174                         | 212                          | 8,40         | 2548                          | 0,9                   |                                    |                  |          |                 |                               |
|                     | 207                         | 178                          | 7,04         | 2875                          | 1,0                   |                                    |                  |          |                 |                               |
|                     | 252                         | 146                          | 5,80         | 2520                          | 1,2                   |                                    |                  |          |                 |                               |
|                     | 288                         | 128                          | 5,08         | 2714                          | 1,2                   |                                    |                  |          |                 |                               |
|                     | 324                         | 114                          | 4,50         | 2849                          | 1,3                   |                                    |                  |          |                 |                               |
|                     | 348                         | 106                          | 4,20         | 2912                          | 1,4                   |                                    |                  |          |                 |                               |
|                     | 417                         | 89                           | 3,50         | 3030                          | 1,4                   |                                    |                  |          |                 |                               |
|                     | 502                         | 73                           | 5,80         | 3088                          | 1,8                   | MR202-3E112M/2C<br>NR202-3E112M/2C | 7,28             | 56<br>58 | 109             | IE3                           |
|                     | 574                         | 64                           | 5,08         | 2934                          | 1,9                   |                                    |                  |          |                 |                               |
|                     | 647                         | 57                           | 4,50         | 2803                          | 2,1                   |                                    |                  |          |                 |                               |
|                     | 694                         | 53                           | 4,20         | 2729                          | 2,2                   |                                    |                  |          |                 |                               |
|                     | 221                         | 167                          | 6,60         | 282                           | 0,9                   | MR172-3E112M/4D<br>NR172-3E112M/4D | 8,05             | 49<br>51 | 108             | IE3                           |
|                     | 253                         | 146                          | 5,78         | 535                           | 0,9                   |                                    |                  |          |                 |                               |
|                     | 306                         | 121                          | 4,78         | 821                           | 1,1                   |                                    |                  |          |                 |                               |
|                     | 357                         | 104                          | 4,09         | 817                           | 1,2                   |                                    |                  |          |                 |                               |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü            | Tipi                               | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------------|----------------------------------|------------------------------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio            |                                                           | Service<br>Factors               | Type                               | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]       | Betriebsfaktor<br>f <sub>s</sub> | Typ                                | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 4,0<br>5,5                                             | 432                                                   | 86                                                  | 3,38             | 1013                                                      | 1,3                              | MR172-3E112M/4D<br>NR172-3E112M/4D | 8,05             | 49<br>51             | 108             | IE3                           |
|                                                        | 441                                                   | 84                                                  | 6,60             | 1180                                                      | 1,5                              | MR172-3E112M/2C<br>NR172-3E112M/2C | 7,28             | 47<br>49             | 108             | IE3                           |
|                                                        | 505                                                   | 73                                                  | 5,78             | 1262                                                      | 1,6                              |                                    |                  |                      |                 |                               |
|                                                        | 610                                                   | 61                                                  | 4,78             | 1344                                                      | 1,8                              |                                    |                  |                      |                 |                               |
|                                                        | 713                                                   | 52                                                  | 4,09             | 1295                                                      | 1,9                              |                                    |                  |                      |                 |                               |
| 5,5<br>7,5                                             | 2,2                                                   | 21433                                               | 662,54           | 68481                                                     | 0,8                              | MR975-3E132S/4C<br>NR975-3E132S/4C | 10,65            | 1167                 | 135             | IE3                           |
|                                                        | 2,5                                                   | 19084                                               | 588,87           | 87436                                                     | 0,9                              |                                    |                  | 1217                 |                 |                               |
|                                                        | 2,7                                                   | 17695                                               | 546,94           | 96484                                                     | 1,0                              |                                    |                  |                      |                 |                               |
|                                                        | 2,9                                                   | 16866                                               | 510,11           | 101358                                                    | 1,1                              | MR974-3E132S/4C<br>NR974-3E132S/4C | 10,65            | 1217                 | 134             | IE3                           |
|                                                        | 3,2                                                   | 15157                                               | 457,99           | 110131                                                    | 1,2                              |                                    |                  | 1267                 |                 |                               |
|                                                        | 3,8                                                   | 12919                                               | 390,41           | 120425                                                    | 1,4                              |                                    |                  |                      |                 |                               |
|                                                        | 4,3                                                   | 11402                                               | 344,17           | 126552                                                    | 1,6                              |                                    |                  |                      |                 |                               |
|                                                        | 4,8                                                   | 10127                                               | 305,33           | 131221                                                    | 1,8                              |                                    |                  |                      |                 |                               |
|                                                        | 5,4                                                   | 9039                                                | 272,24           | 135142                                                    | 2,0                              |                                    |                  |                      |                 |                               |
|                                                        | 6,8                                                   | 7186                                                | 216,03           | 140792                                                    | 2,5                              |                                    |                  |                      |                 |                               |
|                                                        | 7,6                                                   | 6436                                                | 193,13           | 142959                                                    | 2,8                              |                                    |                  |                      |                 |                               |
|                                                        | 8,5                                                   | 5745                                                | 172,08           | 144871                                                    | 3,1                              |                                    |                  |                      |                 |                               |
|                                                        | 4,2                                                   | 11413                                               | 345,67           | 80614                                                     | 1,1                              | MR874-3E132S/4C<br>NR874-3E132S/4C | 10,65            | 632                  | 131             | IE3                           |
|                                                        | 5,0                                                   | 9667                                                | 292,15           | 88651                                                     | 1,3                              |                                    |                  | 637                  |                 |                               |
|                                                        | 6,1                                                   | 7937                                                | 239,61           | 95432                                                     | 1,6                              |                                    |                  |                      |                 |                               |
|                                                        | 6,9                                                   | 7020                                                | 211,60           | 98670                                                     | 1,9                              |                                    |                  |                      |                 |                               |
|                                                        | 7,8                                                   | 6249                                                | 188,08           | 101138                                                    | 2,1                              |                                    |                  |                      |                 |                               |
|                                                        | 8,4                                                   | 5794                                                | 174,68           | 102544                                                    | 2,2                              |                                    |                  |                      |                 |                               |
|                                                        | 9,9                                                   | 4908                                                | 147,61           | 105133                                                    | 2,6                              |                                    |                  |                      |                 |                               |
|                                                        | 12                                                    | 4188                                                | 125,70           | 107100                                                    | 3,1                              |                                    |                  |                      |                 |                               |
|                                                        | 6,5                                                   | 7613                                                | 148,73           | 50526                                                     | 1,1                              | MR773-3E132M/6D<br>NR773-3E132M/6D | 11,55            | 329<br>397           | 127             | IE3                           |
|                                                        | 7,0                                                   | 7051                                                | 208,82           | 52227                                                     | 1,1                              | MR773-3E132S/4C<br>NR773-3E132S/4C | 10,65            | 337                  | 127             | IE3                           |
|                                                        | 8,2                                                   | 6045                                                | 178,78           | 55529                                                     | 1,3                              |                                    |                  | 405                  |                 |                               |
|                                                        | 9,9                                                   | 5031                                                | 148,73           | 58498                                                     | 1,6                              |                                    |                  |                      |                 |                               |
|                                                        | 11                                                    | 4506                                                | 133,05           | 59836                                                     | 1,8                              |                                    |                  |                      |                 |                               |
|                                                        | 13                                                    | 3894                                                | 115,06           | 61334                                                     | 2,1                              |                                    |                  |                      |                 |                               |
|                                                        | 15                                                    | 3377                                                | 99,63            | 62514                                                     | 2,4                              |                                    |                  |                      |                 |                               |
|                                                        | 17                                                    | 2957                                                | 87,13            | 63418                                                     | 2,7                              |                                    |                  |                      |                 |                               |
|                                                        | 19                                                    | 2610                                                | 76,81            | 64130                                                     | 3,1                              |                                    |                  |                      |                 |                               |
|                                                        | 21                                                    | 2318                                                | 68,15            | 64706                                                     | 3,5                              |                                    |                  |                      |                 |                               |
|                                                        | 12                                                    | 4199                                                | 124,07           | 26896                                                     | 1,0                              | MR673-3E132S/4C<br>NR673-3E132S/4C | 10,65            | 248                  | 124             | IE3                           |
|                                                        | 13                                                    | 3745                                                | 110,55           | 29275                                                     | 1,1                              |                                    |                  | 258                  |                 |                               |
|                                                        | 16                                                    | 3188                                                | 94,17            | 31883                                                     | 1,3                              |                                    |                  |                      |                 |                               |
|                                                        | 18                                                    | 2745                                                | 80,96            | 33692                                                     | 1,6                              |                                    |                  |                      |                 |                               |
|                                                        | 21                                                    | 2386                                                | 70,26            | 32677                                                     | 1,8                              |                                    |                  |                      |                 |                               |
|                                                        | 24                                                    | 2088                                                | 61,42            | 31668                                                     | 2,1                              |                                    |                  |                      |                 |                               |
|                                                        | 27                                                    | 1838                                                | 53,99            | 30693                                                     | 2,3                              |                                    |                  |                      |                 |                               |
|                                                        | 28                                                    | 1792                                                | 52,68            | 30506                                                     | 2,4                              |                                    |                  |                      |                 |                               |
|                                                        | 32                                                    | 1544                                                | 45,29            | 29360                                                     | 2,7                              |                                    |                  |                      |                 |                               |
|                                                        | 37                                                    | 1342                                                | 39,30            | 28291                                                     | 3,0                              |                                    |                  |                      |                 |                               |





## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per. O. Loads<br>(Output) | IE3<br>Servis Faktörü            | Tipi            | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|------------------------------------------------------------|----------------------------------|-----------------|------------------|----------------------|-----------------|-------------------------------|
| Power<br>Output<br>Speeds                              |                                                       | Output<br>Torque                                    | Ratio            |                                                            | Service<br>Factors               | Type            | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul. Querkkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]      | Betriebsfaktor<br>f <sub>s</sub> | Typ             | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 5,5<br>7,5                                             | 43                                                    | 1174                                                | 34,36            | 27288                                                      | 3,3                              | MR673-3E132S/4C | 10,65            | 248                  | 124             | IE3                           |
|                                                        | 49                                                    | 1034                                                | 30,20            | 26340                                                      | 3,6                              | NR673-3E132S/4C |                  | 258                  |                 |                               |
|                                                        | 18                                                    | 2796                                                | 82,45            | 20959                                                      | 1,1                              | MR573-3E132S/4C | 10,65            | 176                  | 121             | IE3                           |
|                                                        | 20                                                    | 2472                                                | 72,81            | 22669                                                      | 1,2                              | NR573-3E132S/4C |                  | 170                  |                 |                               |
|                                                        | 23                                                    | 2200                                                | 64,72            | 23984                                                      | 1,4                              |                 |                  |                      |                 |                               |
|                                                        | 27                                                    | 1864                                                | 54,74            | 23571                                                      | 1,6                              |                 |                  |                      |                 |                               |
|                                                        | 30                                                    | 1663                                                | 48,74            | 23000                                                      | 1,8                              |                 |                  |                      |                 |                               |
|                                                        | 37                                                    | 1364                                                | 39,98            | 21994                                                      | 2,1                              |                 |                  |                      |                 |                               |
|                                                        | 41                                                    | 1206                                                | 35,31            | 21352                                                      | 2,3                              |                 |                  |                      |                 |                               |
|                                                        | 47                                                    | 1073                                                | 31,38            | 20741                                                      | 2,5                              |                 |                  |                      |                 |                               |
|                                                        | 54                                                    | 933                                                 | 27,00            | 19961                                                      | 2,9                              | MR572-3E132S/4C | 10,65            | 167                  | 121             | IE3                           |
|                                                        | 64                                                    | 797                                                 | 23,02            | 19140                                                      | 3,3                              | NR572-3E132S/4C |                  | 160                  |                 |                               |
|                                                        | 54                                                    | 933                                                 | 27,00            | 19961                                                      | 2,9                              |                 |                  |                      |                 |                               |
|                                                        | 64                                                    | 797                                                 | 23,02            | 19140                                                      | 3,3                              |                 |                  |                      |                 |                               |
|                                                        | 76                                                    | 663                                                 | 19,15            | 18208                                                      | 3,8                              |                 |                  |                      |                 |                               |
|                                                        | 86                                                    | 592                                                 | 17,07            | 17634                                                      | 4,0                              |                 |                  |                      |                 |                               |
|                                                        | 26                                                    | 1899                                                | 55,82            | 8412                                                       | 0,8                              | MR473-3E132S/4C | 10,65            | 143                  | 118             | IE3                           |
|                                                        | 30                                                    | 1670                                                | 49,05            | 12479                                                      | 0,9                              | NR473-3E132S/4C |                  | 145                  |                 |                               |
|                                                        | 34                                                    | 1458                                                | 42,75            | 12351                                                      | 1,1                              |                 |                  |                      |                 |                               |
|                                                        | 39                                                    | 1279                                                | 37,45            | 12181                                                      | 1,2                              |                 |                  |                      |                 |                               |
|                                                        | 47                                                    | 1058                                                | 30,93            | 11870                                                      | 1,5                              |                 |                  |                      |                 |                               |
|                                                        | 57                                                    | 879                                                 | 25,67            | 11512                                                      | 1,8                              |                 |                  |                      |                 |                               |
|                                                        | 66                                                    | 766                                                 | 22,15            | 11200                                                      | 1,9                              | MR472-3E132S/4C | 10,65            | 138                  | 118             | IE3                           |
|                                                        | 78                                                    | 648                                                 | 18,72            | 10822                                                      | 2,2                              | NR472-3E132S/4C |                  | 141                  |                 |                               |
|                                                        | 85                                                    | 597                                                 | 17,25            | 10632                                                      | 2,2                              |                 |                  |                      |                 |                               |
|                                                        | 95                                                    | 532                                                 | 15,35            | 10358                                                      | 2,4                              |                 |                  |                      |                 |                               |
|                                                        | 108                                                   | 470                                                 | 13,56            | 10060                                                      | 2,6                              |                 |                  |                      |                 |                               |
|                                                        | 122                                                   | 418                                                 | 12,05            | 9776                                                       | 2,8                              |                 |                  |                      |                 |                               |
|                                                        | 136                                                   | 374                                                 | 10,79            | 9455                                                       | 2,9                              |                 |                  |                      |                 |                               |
|                                                        | 154                                                   | 331                                                 | 9,53             | 9162                                                       | 3,2                              |                 |                  |                      |                 |                               |
|                                                        | 58                                                    | 865                                                 | 25,27            | 5001                                                       | 0,8                              | MR373-3E132S/4C | 10,65            | 97                   | 115             | IE3                           |
|                                                        | 67                                                    | 742                                                 | 21,65            | 5044                                                       | 0,9                              | NR373-3E132S/4C |                  | 99                   |                 |                               |
|                                                        | 71                                                    | 707                                                 | 20,64            | 4882                                                       | 0,9                              |                 |                  |                      |                 |                               |
|                                                        | 78                                                    | 641                                                 | 18,68            | 4894                                                       | 1,0                              |                 |                  |                      |                 |                               |
|                                                        | 90                                                    | 562                                                 | 16,20            | 4684                                                       | 1,3                              | MR372-3E132S/4C | 10,65            | 97                   | 115             | IE3                           |
|                                                        | 108                                                   | 470                                                 | 13,53            | 5341                                                       | 1,4                              | NR372-3E132S/4C |                  | 99                   |                 |                               |
|                                                        | 117                                                   | 433                                                 | 12,48            | 5572                                                       | 1,5                              |                 |                  |                      |                 |                               |
|                                                        | 135                                                   | 375                                                 | 10,80            | 5899                                                       | 1,7                              |                 |                  |                      |                 |                               |
|                                                        | 155                                                   | 328                                                 | 9,41             | 6122                                                       | 1,8                              |                 |                  |                      |                 |                               |
|                                                        | 177                                                   | 287                                                 | 8,25             | 6076                                                       | 1,9                              |                 |                  |                      |                 |                               |
|                                                        | 213                                                   | 238                                                 | 6,84             | 5720                                                       | 2,3                              |                 |                  |                      |                 |                               |
|                                                        | 245                                                   | 208                                                 | 5,97             | 5429                                                       | 2,5                              |                 |                  |                      |                 |                               |
|                                                        | 279                                                   | 182                                                 | 5,23             | 5165                                                       | 2,8                              |                 |                  |                      |                 |                               |
|                                                        | 295                                                   | 173                                                 | 4,96             | 5131                                                       | 2,7                              |                 |                  |                      |                 |                               |
|                                                        | 340                                                   | 150                                                 | 4,29             | 4857                                                       | 3,0                              |                 |                  |                      |                 |                               |
|                                                        | 390                                                   | 131                                                 | 3,74             | 4612                                                       | 3,1                              |                 |                  |                      |                 |                               |
|                                                        | 311                                                   | 163                                                 | 9,41             | 4921                                                       | 2,8                              | MR372-3E132S/2B | 9,90             | 90                   | 115             | IE3                           |
|                                                        | 355                                                   | 143                                                 | 8,25             | 4688                                                       | 3,1                              | NR372-3E132S/2B |                  | 92                   |                 |                               |
|                                                        | 428                                                   | 119                                                 | 6,84             | 4410                                                       | 3,6                              |                 |                  |                      |                 |                               |
|                                                        | 491                                                   | 103                                                 | 5,97             | 4194                                                       | 4,0                              |                 |                  |                      |                 |                               |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3 Çıkış Devri                                       | IE3 Çıkış Momenti                                   | Çevrim Oranı     | IE3 Güv. Rad. Yük Çıkış                             | IE3 Servis Faktörü               | Tipi            | Anma Akımı       | Ağırlık              | Ölçü Sayfası | Motor Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|-----------------|------------------|----------------------|--------------|----------------------------|
| Power                                                  | Output Speeds                                         | Output Torque                                       | Ratio            | Per.O. Loads (Output)                               | Service Factors                  | Type            | Rated Current    | Weight               | Dim. Page    | Motor Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ             | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite   | Motor Effizienz-<br>klasse |
| 5,5<br>7,5                                             | 561                                                   | 91                                                  | 5,23             | 3998                                                | 4,0                              | MR372-3E132S/2B | 9,90             | 90                   | 115          | IE3                        |
|                                                        | 591                                                   | 86                                                  | 4,96             | 3956                                                | 4,0                              | NR372-3E132S/2B |                  | 92                   |              |                            |
|                                                        | 683                                                   | 74                                                  | 4,29             | 3753                                                | 4,0                              |                 |                  |                      |              |                            |
|                                                        | 784                                                   | 65                                                  | 3,74             | 3571                                                | 4,0                              |                 |                  |                      |              |                            |
|                                                        | 102                                                   | 495                                                 | 14,31            | 2350                                                | 0,9                              | MR282-3E132S/4C | 10,65            | 90                   | 112          | IE3                        |
|                                                        | 120                                                   | 424                                                 | 12,24            | 2987                                                | 1,0                              | NR282-3E132S/4C |                  | 92                   |              |                            |
|                                                        | 139                                                   | 366                                                 | 10,57            | 3459                                                | 1,1                              |                 |                  |                      |              |                            |
|                                                        | 152                                                   | 333                                                 | 9,61             | 3705                                                | 1,2                              |                 |                  |                      |              |                            |
|                                                        | 176                                                   | 289                                                 | 8,33             | 4003                                                | 1,4                              |                 |                  |                      |              |                            |
|                                                        | 203                                                   | 250                                                 | 7,21             | 4226                                                | 1,5                              |                 |                  |                      |              |                            |
|                                                        | 234                                                   | 217                                                 | 6,25             | 3795                                                | 1,7                              |                 |                  |                      |              |                            |
|                                                        | 274                                                   | 186                                                 | 5,35             | 3989                                                | 1,7                              |                 |                  |                      |              |                            |
|                                                        | 317                                                   | 160                                                 | 4,62             | 4111                                                | 1,7                              |                 |                  |                      |              |                            |
|                                                        | 349                                                   | 146                                                 | 4,20             | 4128                                                | 1,8                              |                 |                  |                      |              |                            |
|                                                        | 403                                                   | 126                                                 | 3,64             | 3906                                                | 1,9                              |                 |                  |                      |              |                            |
|                                                        | 465                                                   | 110                                                 | 3,15             | 3698                                                | 2,0                              |                 |                  |                      |              |                            |
|                                                        | 551                                                   | 92                                                  | 5,35             | 3466                                                | 2,8                              | MR282-3E132S/2B | 9,90             | 84                   | 112          | IE3                        |
|                                                        | 638                                                   | 80                                                  | 4,62             | 3281                                                | 2,9                              | NR282-3E132S/2B |                  | 86                   |              |                            |
|                                                        | 701                                                   | 72                                                  | 4,20             | 3168                                                | 2,9                              |                 |                  |                      |              |                            |
|                                                        | 123                                                   | 414                                                 | 11,95            | -                                                   | 0,9                              | MR272-3E132S/4C | 10,65            | 81                   | 110          | IE3                        |
|                                                        | 144                                                   | 352                                                 | 10,16            | 708                                                 | 1,1                              | NR272-3E132S/4C |                  | 83                   |              |                            |
| 7,5<br>10                                              | 168                                                   | 302                                                 | 8,71             | 1236                                                | 1,2                              |                 |                  |                      |              |                            |
|                                                        | 236                                                   | 216                                                 | 6,21             | 1548                                                | 1,5                              |                 |                  |                      |              |                            |
|                                                        | 277                                                   | 184                                                 | 5,28             | 1874                                                | 1,4                              |                 |                  |                      |              |                            |
|                                                        | 324                                                   | 157                                                 | 4,53             | 2112                                                | 1,5                              |                 |                  |                      |              |                            |
|                                                        | 397                                                   | 128                                                 | 3,69             | 2087                                                | 1,6                              |                 |                  |                      |              |                            |
|                                                        | 464                                                   | 110                                                 | 3,16             | 2238                                                | 1,8                              |                 |                  |                      |              |                            |
|                                                        | 474                                                   | 107                                                 | 6,21             | 2467                                                | 2,6                              | MR272-3E132S/2B | 9,90             | 75                   | 110          | IE3                        |
|                                                        | 557                                                   | 91                                                  | 5,28             | 2539                                                | 2,1                              | NR272-3E132S/2B |                  | 79                   |              |                            |
|                                                        | 651                                                   | 78                                                  | 4,53             | 2576                                                | 2,3                              |                 |                  |                      |              |                            |
|                                                        | 3,2                                                   | 20669                                               | 457,99           | 76047                                               | 0,9                              | MR974-3E132M/4D | 14,40            | 1168                 | 134          | IE3                        |
|                                                        | 3,8                                                   | 17616                                               | 390,41           | 97327                                               | 1,0                              | NR974-3E132M/4D |                  | 1218                 |              |                            |
|                                                        | 4,3                                                   | 15549                                               | 344,17           | 108424                                              | 1,2                              |                 |                  |                      |              |                            |
|                                                        | 4,8                                                   | 13809                                               | 305,33           | 116736                                              | 1,3                              |                 |                  |                      |              |                            |
|                                                        | 5,2                                                   | 12983                                               | 186,95           | 120420                                              | 1,4                              | MR973-3E160M/6  | 15,00            | 1115                 | 133          | IE3                        |
|                                                        | 5,8                                                   | 11592                                               | 166,73           | 126036                                              | 1,6                              | NR973-3E160M/6  |                  | 1165                 |              |                            |
|                                                        | 6,5                                                   | 10442                                               | 150,02           | 130315                                              | 1,7                              |                 |                  |                      |              |                            |
|                                                        | 7,3                                                   | 9237                                                | 132,83           | 134478                                              | 1,9                              |                 |                  |                      |              |                            |
|                                                        | 8,4                                                   | 8091                                                | 116,17           | 138161                                              | 2,2                              |                 |                  |                      |              |                            |
|                                                        | 9,5                                                   | 7161                                                | 102,69           | 140965                                              | 2,5                              |                 |                  |                      |              |                            |
|                                                        | 11                                                    | 6392                                                | 91,56            | 142982                                              | 2,8                              |                 |                  |                      |              |                            |
|                                                        | 12                                                    | 5745                                                | 82,20            | 144783                                              | 3,1                              |                 |                  |                      |              |                            |
|                                                        | 5,0                                                   | 13182                                               | 292,15           | 71383                                               | 1,0                              | MR874-3E132M/4D | 14,40            | 628                  | 131          | IE3                        |
|                                                        | 6,1                                                   | 10823                                               | 239,61           | 83659                                               | 1,2                              | NR874-3E132M/4D |                  | 633                  |              |                            |
|                                                        | 6,9                                                   | 9573                                                | 211,60           | 89182                                               | 1,4                              |                 |                  |                      |              |                            |
|                                                        | 7,8                                                   | 8522                                                | 188,08           | 93365                                               | 1,5                              |                 |                  |                      |              |                            |
|                                                        | 8,4                                                   | 7901                                                | 174,68           | 95659                                               | 1,6                              |                 |                  |                      |              |                            |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı | IE3<br>Güv. Rad. Yük<br>Çıkış | IE3<br>Servis Faktörü | Tipi            | Anma<br>Akımı    | Ağırlık | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------|-----------------------------|------------------------------|--------------|-------------------------------|-----------------------|-----------------|------------------|---------|-----------------|-------------------------------|
| Power                                      | Output<br>Speeds            | Output<br>Torque             | Ratio        | Per. O. Loads<br>(Output)     | Service<br>Factors    | Type            | Rated<br>Current | Weight  | Dim. Page       | Motor<br>Eff. Class           |
| Leistung                                   | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Übersetzung  | Zul. Querkräfte<br>(Abtrieb)  | Betriebsfaktor        | Typ             | Nennstrom        | Gewicht | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]      | M <sub>2</sub> [Nm]          | i            | F <sub>qam</sub> [N]          | f <sub>s</sub>        |                 | [A]              | [kg]    |                 |                               |
| 7,5<br>10                                  | 8,8                         | 7631                         | 110,17       | 96658                         | 1,7                   | MR873-3E160M/6  | 15,00            | 635     | 130             | IE3                           |
|                                            | 9,7                         | 6913                         | 99,81        | 99100                         | 1,9                   | NR873-3E160M/6  |                  | 640     |                 |                               |
|                                            | 11                          | 5992                         | 86,51        | 102028                        | 2,2                   |                 |                  |         |                 |                               |
|                                            | 13                          | 5230                         | 75,51        | 104284                        | 2,5                   |                 |                  |         |                 |                               |
|                                            | 15                          | 4487                         | 64,77        | 106230                        | 2,9                   |                 |                  |         |                 |                               |
|                                            | 17                          | 3916                         | 56,54        | 107756                        | 3,3                   |                 |                  |         |                 |                               |
|                                            | 8,2                         | 8246                         | 178,78       | 47910                         | 1,0                   | MR773-3E132M/4D | 14,40            | 357     | 127             | IE3                           |
|                                            | 9,9                         | 6863                         | 148,73       | 52957                         | 1,2                   | NR773-3E132M/4D |                  | 443     |                 |                               |
|                                            | 11                          | 6146                         | 133,05       | 55281                         | 1,3                   |                 |                  |         |                 |                               |
|                                            | 13                          | 5311                         | 115,06       | 57788                         | 1,5                   |                 |                  |         |                 |                               |
|                                            | 15                          | 4606                         | 99,63        | 59702                         | 1,7                   |                 |                  |         |                 |                               |
|                                            | 17                          | 4034                         | 87,13        | 61034                         | 2,0                   |                 |                  |         |                 |                               |
|                                            | 19                          | 3561                         | 76,81        | 62131                         | 2,2                   |                 |                  |         |                 |                               |
|                                            | 21                          | 3162                         | 68,15        | 63005                         | 2,5                   |                 |                  |         |                 |                               |
|                                            | 16                          | 4349                         | 94,17        | 26093                         | 1,0                   | MR673-3E132M/4D | 14,40            | 246     | 124             | IE3                           |
|                                            | 18                          | 3744                         | 80,96        | 29344                         | 1,1                   | NR673-3E132M/4D |                  | 257     |                 |                               |
|                                            | 21                          | 3254                         | 70,26        | 30780                         | 1,3                   |                 |                  |         |                 |                               |
|                                            | 24                          | 2848                         | 61,42        | 30006                         | 1,5                   |                 |                  |         |                 |                               |
|                                            | 27                          | 2507                         | 53,99        | 29229                         | 1,7                   |                 |                  |         |                 |                               |
|                                            | 28                          | 2445                         | 52,68        | 29077                         | 1,8                   |                 |                  |         |                 |                               |
|                                            | 32                          | 2106                         | 45,29        | 28127                         | 2,0                   |                 |                  |         |                 |                               |
|                                            | 37                          | 1830                         | 39,30        | 27218                         | 2,2                   |                 |                  |         |                 |                               |
|                                            | 43                          | 1602                         | 34,36        | 26347                         | 2,4                   |                 |                  |         |                 |                               |
|                                            | 49                          | 1410                         | 30,20        | 25510                         | 2,6                   |                 |                  |         |                 |                               |
|                                            | 63                          | 1094                         | 23,18        | 23803                         | 3,4                   | MR672-3E132M/4D | 14,40            | 241     | 124             | IE3                           |
|                                            | 71                          | 980                          | 20,74        | 23095                         | 3,7                   | NR672-3E132M/4D |                  | 251     |                 |                               |
|                                            | 23                          | 3001                         | 64,72        | 19779                         | 1,0                   | MR573-3E132M/4D | 14,40            | 180     | 121             | IE3                           |
|                                            | 27                          | 2542                         | 54,74        | 21922                         | 1,2                   | NR573-3E132M/4D |                  | 173     |                 |                               |
|                                            | 30                          | 2268                         | 48,74        | 21529                         | 1,3                   |                 |                  |         |                 |                               |
|                                            | 37                          | 1860                         | 39,98        | 20784                         | 1,5                   |                 |                  |         |                 |                               |
|                                            | 41                          | 1645                         | 35,31        | 20281                         | 1,7                   |                 |                  |         |                 |                               |
|                                            | 47                          | 1464                         | 31,38        | 19787                         | 1,8                   |                 |                  |         |                 |                               |
|                                            | 54                          | 1273                         | 27,00        | 19138                         | 2,2                   | MR572-3E132M/4D | 14,40            | 173     | 121             | IE3                           |
|                                            | 64                          | 1087                         | 23,02        | 18436                         | 2,4                   | NR572-3E132M/4D |                  | 166     |                 |                               |
|                                            | 76                          | 905                          | 19,15        | 17620                         | 2,8                   |                 |                  |         |                 |                               |
|                                            | 86                          | 807                          | 17,07        | 17108                         | 3,0                   |                 |                  |         |                 |                               |
|                                            | 101                         | 687                          | 14,54        | 16401                         | 3,5                   |                 |                  |         |                 |                               |
|                                            | 117                         | 591                          | 12,50        | 15743                         | 3,9                   |                 |                  |         |                 |                               |
|                                            | 39                          | 1744                         | 37,45        | 10751                         | 0,9                   | MR473-3E132M/4D | 14,40            | 150     | 118             | IE3                           |
|                                            | 47                          | 1443                         | 30,93        | 10687                         | 1,1                   | NR473-3E132M/4D |                  | 153     |                 |                               |
|                                            | 57                          | 1200                         | 25,67        | 10528                         | 1,3                   |                 |                  |         |                 |                               |
|                                            | 66                          | 1045                         | 22,15        | 10350                         | 1,4                   | MR472-3E132M/4D | 14,40            | 143     | 118             | IE3                           |
|                                            | 78                          | 884                          | 18,72        | 10102                         | 1,6                   | NR472-3E132M/4D |                  | 146     |                 |                               |
|                                            | 85                          | 814                          | 17,25        | 9968                          | 1,6                   |                 |                  |         |                 |                               |
|                                            | 95                          | 726                          | 15,35        | 9766                          | 1,7                   |                 |                  |         |                 |                               |
|                                            | 108                         | 641                          | 13,56        | 9537                          | 1,9                   |                 |                  |         |                 |                               |
|                                            | 122                         | 571                          | 12,05        | 9310                          | 2,0                   |                 |                  |         |                 |                               |
|                                            | 136                         | 510                          | 10,79        | 9017                          | 2,2                   |                 |                  |         |                 |                               |
|                                            | 154                         | 451                          | 9,53         | 8774                          | 2,3                   |                 |                  |         |                 |                               |





## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü            | Tipi            | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------------|----------------------------------|-----------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio            |                                                           | Service<br>Factors               | Type            | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]       | Betriebsfaktor<br>f <sub>s</sub> | Typ             | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 7,5<br>10                                              | 173                                                   | 401                                                 | 8,47             | 8540                                                      | 2,6                              | MR472-3E132M/4D | 14,40            | 143                  | 118             | IE3                           |
|                                                        | 186                                                   | 372                                                 | 7,87             | 8391                                                      | 2,7                              | NR472-3E132M/4D |                  | 146                  |                 |                               |
|                                                        | 220                                                   | 315                                                 | 6,65             | 8051                                                      | 3,1                              |                 |                  |                      |                 |                               |
|                                                        | 90                                                    | 764                                                 | 16,20            | 1533                                                      | 0,9                              | MR372-3E132M/4D | 14,40            | 104                  | 115             | IE3                           |
|                                                        | 108                                                   | 639                                                 | 13,53            | 2708                                                      | 1,0                              | NR372-3E132M/4D |                  | 106                  |                 |                               |
|                                                        | 117                                                   | 589                                                 | 12,48            | 3143                                                      | 1,1                              |                 |                  |                      |                 |                               |
|                                                        | 136                                                   | 510                                                 | 10,80            | 3795                                                      | 1,2                              |                 |                  |                      |                 |                               |
|                                                        | 156                                                   | 445                                                 | 9,41             | 4287                                                      | 1,3                              |                 |                  |                      |                 |                               |
|                                                        | 178                                                   | 391                                                 | 8,25             | 4659                                                      | 1,4                              |                 |                  |                      |                 |                               |
|                                                        | 214                                                   | 324                                                 | 6,84             | 4633                                                      | 1,7                              |                 |                  |                      |                 |                               |
|                                                        | 246                                                   | 283                                                 | 5,97             | 4879                                                      | 1,9                              |                 |                  |                      |                 |                               |
|                                                        | 280                                                   | 248                                                 | 5,23             | 5050                                                      | 2,1                              |                 |                  |                      |                 |                               |
|                                                        | 313                                                   | 222                                                 | 9,41             | 5002                                                      | 2,1                              | MR372-3E132S/2C | 13,20            | 93                   | 115             | IE3                           |
|                                                        | 357                                                   | 194                                                 | 8,25             | 4759                                                      | 2,3                              | NR372-3E132S/2C |                  | 95                   |                 |                               |
|                                                        | 430                                                   | 161                                                 | 6,84             | 4479                                                      | 2,7                              |                 |                  |                      |                 |                               |
|                                                        | 494                                                   | 141                                                 | 5,97             | 4254                                                      | 3,0                              |                 |                  |                      |                 |                               |
|                                                        | 563                                                   | 123                                                 | 5,23             | 4050                                                      | 3,2                              |                 |                  |                      |                 |                               |
|                                                        | 594                                                   | 117                                                 | 4,96             | 4018                                                      | 3,2                              |                 |                  |                      |                 |                               |
|                                                        | 686                                                   | 101                                                 | 4,29             | 3806                                                      | 3,5                              |                 |                  |                      |                 |                               |
|                                                        | 788                                                   | 88                                                  | 3,74             | 3617                                                      | 3,7                              |                 |                  |                      |                 |                               |
|                                                        | 139                                                   | 500                                                 | 10,57            | 1307                                                      | 0,8                              | MR282-3E132M/4D | 14,40            | 96                   | 112             | IE3                           |
|                                                        | 152                                                   | 455                                                 | 9,61             | 1746                                                      | 0,9                              | NR282-3E132M/4D |                  | 98                   |                 |                               |
|                                                        | 176                                                   | 394                                                 | 8,33             | 2305                                                      | 1,0                              |                 |                  |                      |                 |                               |
|                                                        | 203                                                   | 341                                                 | 7,21             | 2755                                                      | 1,1                              |                 |                  |                      |                 |                               |
|                                                        | 234                                                   | 296                                                 | 6,25             | 2308                                                      | 1,2                              |                 |                  |                      |                 |                               |
|                                                        | 274                                                   | 253                                                 | 5,35             | 2715                                                      | 1,3                              |                 |                  |                      |                 |                               |
|                                                        | 317                                                   | 219                                                 | 4,62             | 3012                                                      | 1,3                              |                 |                  |                      |                 |                               |
|                                                        | 349                                                   | 199                                                 | 4,20             | 3163                                                      | 1,3                              |                 |                  |                      |                 |                               |
|                                                        | 403                                                   | 172                                                 | 3,64             | 3342                                                      | 1,4                              |                 |                  |                      |                 |                               |
|                                                        | 465                                                   | 150                                                 | 3,15             | 3469                                                      | 1,5                              |                 |                  |                      |                 |                               |
|                                                        | 551                                                   | 126                                                 | 5,35             | 3542                                                      | 2,1                              | MR282-3E132S/2C | 13,20            | 95                   | 112             | IE3                           |
|                                                        | 638                                                   | 109                                                 | 4,62             | 3347                                                      | 2,1                              | NR282-3E132S/2C |                  | 97                   |                 |                               |
|                                                        | 701                                                   | 99                                                  | 4,20             | 3229                                                      | 2,1                              |                 |                  |                      |                 |                               |
|                                                        | 144                                                   | 481                                                 | 10,16            | -                                                         | 0,8                              | MR272-3E132M/4D | 14,40            | 87                   | 110             | IE3                           |
|                                                        | 168                                                   | 412                                                 | 8,71             | -                                                         | 0,9                              | NR272-3E132M/4D |                  | 89                   |                 |                               |
|                                                        | 236                                                   | 294                                                 | 6,21             | -                                                         | 1,1                              |                 |                  |                      |                 |                               |
|                                                        | 277                                                   | 250                                                 | 5,28             | 586                                                       | 1,1                              |                 |                  |                      |                 |                               |
|                                                        | 324                                                   | 215                                                 | 4,53             | 1008                                                      | 1,1                              |                 |                  |                      |                 |                               |
|                                                        | 397                                                   | 175                                                 | 3,69             | 1097                                                      | 1,2                              |                 |                  |                      |                 |                               |
|                                                        | 464                                                   | 150                                                 | 3,16             | 1389                                                      | 1,3                              |                 |                  |                      |                 |                               |
|                                                        | 474                                                   | 146                                                 | 6,21             | 1710                                                      | 1,9                              | MR272-3E132S/2C | 13,20            | 86                   | 110             | IE3                           |
|                                                        | 557                                                   | 125                                                 | 5,28             | 1896                                                      | 1,6                              | NR272-3E132S/2C |                  | 88                   |                 |                               |
|                                                        | 651                                                   | 107                                                 | 4,53             | 2025                                                      | 1,7                              |                 |                  |                      |                 |                               |
| 11<br>15                                               | 5,2                                                   | 19053                                               | 186,95           | 88052                                                     | 0,9                              | MR973-3E160L/6E | 21,50            | 1151                 | 133             | IE3                           |
|                                                        | 5,8                                                   | 17012                                               | 166,73           | 100656                                                    | 1,1                              | NR973-3E160L/6E |                  | 1201                 |                 |                               |
|                                                        | 7,3                                                   | 13556                                               | 132,83           | 117951                                                    | 1,3                              |                 |                  |                      |                 |                               |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3 Çıkış Devri          | IE3 Çıkış Momenti         | Çevrim Oranı | IE3 Güv. Rad. Yük Çıkış Per. O. Loads (Output) | IE3 Servis Faktörü | Tipi            | Anma Akımı    | Ağırlık | Ölçü Sayfası | Motor Verim Snf.       |
|--------------------------------------------|--------------------------|---------------------------|--------------|------------------------------------------------|--------------------|-----------------|---------------|---------|--------------|------------------------|
| Power                                      | Output Speeds            | Output Torque             | Ratio        | Per. O. Loads (Output)                         | Service Factors    | Type            | Rated Current | Weight  | Dim. Page    | Motor Eff. Class       |
| Leistung                                   | Abtriebswelle Drehzahlen | Abtriebswelle Drehmomente | Übersetzung  | Zul. Querkkräfte (Abtrieb)                     | Betriebsfaktor     | Typ             | Nennstrom     | Gewicht | Maße Seite   | Motor Effizienz-klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]   | M <sub>2</sub> [Nm]       | i            | F <sub>qam</sub> [N]                           | f <sub>s</sub>     |                 | [A]           | [kg]    |              |                        |
| 11<br>15                                   | 7,8                      | 12682                     | 186,95       | 121960                                         | 1,4                | MR973-3E160M/4C | 21,00         | 1124    | 133          | IE3                    |
|                                            | 8,8                      | 11324                     | 166,73       | 127289                                         | 1,6                | NR973-3E160M/4C |               | 1174    |              |                        |
|                                            | 9,8                      | 10201                     | 150,02       | 131366                                         | 1,8                |                 |               |         |              |                        |
|                                            | 11                       | 9025                      | 132,83       | 135325                                         | 2,0                |                 |               |         |              |                        |
|                                            | 13                       | 7906                      | 116,17       | 138864                                         | 2,3                |                 |               |         |              |                        |
|                                            | 14                       | 6998                      | 102,69       | 141553                                         | 2,6                |                 |               |         |              |                        |
|                                            | 16                       | 6247                      | 91,56        | 143669                                         | 2,9                |                 |               |         |              |                        |
|                                            | 18                       | 5615                      | 82,20        | 145376                                         | 3,2                |                 |               |         |              |                        |
|                                            | 8,8                      | 11192                     | 110,17       | 81975                                          | 1,2                | MR873-3E160L/6E | 21,50         | 670     | 130          | IE3                    |
|                                            | 9,7                      | 10140                     | 99,81        | 86825                                          | 1,3                | NR873-3E160L/6E |               | 675     |              |                        |
|                                            | 11                       | 8788                      | 86,51        | 92391                                          | 1,5                |                 |               |         |              |                        |
|                                            | 13                       | 7426                      | 110,17       | 97507                                          | 1,8                | MR873-3E160M/4C | 21,00         | 661     | 130          | IE3                    |
|                                            | 15                       | 6727                      | 99,81        | 99712                                          | 1,9                | NR873-3E160M/4C |               | 666     |              |                        |
|                                            | 17                       | 5831                      | 86,51        | 102735                                         | 2,2                |                 |               |         |              |                        |
|                                            | 19                       | 5090                      | 75,51        | 104765                                         | 2,6                |                 |               |         |              |                        |
|                                            | 23                       | 4366                      | 64,77        | 106745                                         | 3,0                |                 |               |         |              |                        |
|                                            | 26                       | 3811                      | 56,54        | 108184                                         | 3,4                |                 |               |         |              |                        |
|                                            | 28                       | 3563                      | 52,86        | 108779                                         | 3,6                |                 |               |         |              |                        |
|                                            |                          |                           |              |                                                |                    |                 |               |         |              |                        |
|                                            | 11                       | 9017                      | 133,05       | 44711                                          | 0,9                | MR773-3E160M/4C | 21,00         | 429     | 127          | IE3                    |
|                                            | 13                       | 7792                      | 115,06       | 49800                                          | 1,0                | NR773-3E160M/4C |               | 521     |              |                        |
|                                            | 15                       | 6757                      | 99,63        | 53467                                          | 1,2                |                 |               |         |              |                        |
|                                            | 17                       | 5918                      | 87,13        | 56099                                          | 1,4                |                 |               |         |              |                        |
|                                            | 19                       | 5223                      | 76,81        | 58078                                          | 1,5                |                 |               |         |              |                        |
|                                            | 21                       | 4639                      | 68,15        | 59610                                          | 1,7                |                 |               |         |              |                        |
|                                            | 24                       | 4141                      | 60,76        | 60845                                          | 1,9                |                 |               |         |              |                        |
|                                            | 25                       | 3990                      | 58,59        | 61203                                          | 2,0                |                 |               |         |              |                        |
|                                            | 29                       | 3461                      | 50,75        | 62406                                          | 2,3                |                 |               |         |              |                        |
|                                            | 33                       | 3016                      | 44,17        | 63359                                          | 2,7                |                 |               |         |              |                        |
|                                            | 37                       | 2692                      | 39,33        | 64020                                          | 3,0                |                 |               |         |              |                        |
|                                            | 42                       | 2391                      | 34,89        | 64611                                          | 3,3                |                 |               |         |              |                        |
|                                            | 47                       | 2135                      | 31,11        | 65098                                          | 3,7                |                 |               |         |              |                        |
|                                            | 49                       | 2057                      | 30,00        | 65243                                          | 3,9                |                 |               |         |              |                        |
|                                            | 24                       | 4179                      | 61,42        | 27133                                          | 1,0                | MR673-3E160M/4C | 21,00         | 298     | 124          | IE3                    |
|                                            | 27                       | 3678                      | 53,99        | 26699                                          | 1,2                | NR673-3E160M/4C |               | 311     |              |                        |
|                                            | 28                       | 3587                      | 52,68        | 26608                                          | 1,2                |                 |               |         |              |                        |
|                                            | 32                       | 3089                      | 45,29        | 26002                                          | 1,3                |                 |               |         |              |                        |
|                                            | 37                       | 2685                      | 39,30        | 25370                                          | 1,5                |                 |               |         |              |                        |
|                                            | 43                       | 2350                      | 34,36        | 24729                                          | 1,6                |                 |               |         |              |                        |
|                                            | 49                       | 2069                      | 30,20        | 24085                                          | 1,8                |                 |               |         |              |                        |
|                                            | 55                       | 1829                      | 26,66        | 23442                                          | 1,9                |                 |               |         |              |                        |
|                                            |                          |                           |              |                                                |                    |                 |               |         |              |                        |
|                                            | 63                       | 1605                      | 23,18        | 22704                                          | 2,3                | MR672-3E160M/4C | 21,00         | 296     | 124          | IE3                    |
|                                            | 71                       | 1437                      | 20,74        | 22110                                          | 2,5                | NR672-3E160M/4C |               | 306     |              |                        |
|                                            | 82                       | 1242                      | 17,93        | 21331                                          | 2,8                |                 |               |         |              |                        |
|                                            | 94                       | 1077                      | 15,53        | 20560                                          | 3,1                |                 |               |         |              |                        |
|                                            | 108                      | 943                       | 13,58        | 19847                                          | 3,4                |                 |               |         |              |                        |
|                                            | 122                      | 832                       | 11,97        | 19184                                          | 3,8                |                 |               |         |              |                        |
|                                            | 37                       | 2729                      | 39,98        | 18691                                          | 1,0                | MR573-3E160M/4C | 21,00         | 229     | 121          | IE3                    |
|                                            | 41                       | 2414                      | 35,31        | 18431                                          | 1,1                | NR573-3E160M/4C |               | 221     |              |                        |
|                                            | 47                       | 2148                      | 31,38        | 18140                                          | 1,2                |                 |               |         |              |                        |
|                                            | 55                       | 1820                      | 26,54        | 17668                                          | 1,4                |                 |               |         |              |                        |



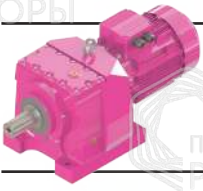
## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3 Çıkış Devri                                       | IE3 Çıkış Momenti                                   | Çevrim Oranı     | IE3 Güv. Rad. Yük Çıkış                             | IE3 Servis Faktörü               | Tipi            | Anma Akımı       | Ağırlık              | Ölçü Sayfası | Motor Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|-----------------|------------------|----------------------|--------------|----------------------------|
| Power                                                  | Output Speeds                                         | Output Torque                                       | Ratio            | Per.O. Loads (Output)                               | Service Factors                  | Type            | Rated Current    | Weight               | Dim. Page    | Motor Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ             | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite   | Motor Effizienz-<br>klasse |
| 11<br>15                                               | 64                                                    | 1595                                                | 23,02            | 17224                                               | 1,7                              | MR572-3E160M/4C | 21,00            | 226                  | 121          | IE3                        |
|                                                        | 76                                                    | 1328                                                | 19,15            | 16608                                               | 1,9                              | NR572-3E160M/4C |                  | 218                  |              |                            |
|                                                        | 86                                                    | 1184                                                | 17,07            | 16205                                               | 2,1                              |                 |                  |                      |              |                            |
|                                                        | 101                                                   | 1008                                                | 14,54            | 15630                                               | 2,4                              |                 |                  |                      |              |                            |
|                                                        | 117                                                   | 868                                                 | 12,50            | 15078                                               | 2,7                              |                 |                  |                      |              |                            |
|                                                        | 135                                                   | 754                                                 | 10,85            | 14558                                               | 3,0                              |                 |                  |                      |              |                            |
|                                                        | 155                                                   | 660                                                 | 9,48             | 14065                                               | 3,3                              |                 |                  |                      |              |                            |
|                                                        | 176                                                   | 581                                                 | 8,34             | 13596                                               | 3,7                              |                 |                  |                      |              |                            |
|                                                        | 198                                                   | 516                                                 | 7,41             | 13081                                               | 4,0                              |                 |                  |                      |              |                            |
|                                                        | 67                                                    | 1489                                                | 21,74            | 8663                                                | 1,0                              | MR473-3E160M/4C | 21,00            | 198                  | 118          | IE3                        |
|                                                        | 81                                                    | 1238                                                | 18,04            | 8662                                                | 1,3                              | NR473-3E160M/4C |                  | 200                  |              |                            |
|                                                        | 85                                                    | 1195                                                | 17,25            | 8819                                                | 1,1                              | MR472-3E160M/4C | 21,00            | 196                  | 118          | IE3                        |
|                                                        | 95                                                    | 1065                                                | 15,35            | 8741                                                | 1,2                              | NR472-3E160M/4C |                  | 198                  |              |                            |
|                                                        | 108                                                   | 941                                                 | 13,56            | 8631                                                | 1,3                              |                 |                  |                      |              |                            |
|                                                        | 122                                                   | 837                                                 | 12,05            | 8504                                                | 1,4                              |                 |                  |                      |              |                            |
|                                                        | 136                                                   | 749                                                 | 10,79            | 8261                                                | 1,5                              |                 |                  |                      |              |                            |
|                                                        | 154                                                   | 662                                                 | 9,53             | 8105                                                | 1,6                              |                 |                  |                      |              |                            |
|                                                        | 173                                                   | 589                                                 | 8,47             | 7944                                                | 1,7                              |                 |                  |                      |              |                            |
|                                                        | 186                                                   | 546                                                 | 7,87             | 7838                                                | 1,9                              |                 |                  |                      |              |                            |
|                                                        | 220                                                   | 462                                                 | 6,65             | 7582                                                | 2,1                              |                 |                  |                      |              |                            |
|                                                        | 259                                                   | 394                                                 | 5,66             | 7327                                                | 2,3                              |                 |                  |                      |              |                            |
|                                                        | 300                                                   | 341                                                 | 4,89             | 6966                                                | 2,3                              |                 |                  |                      |              |                            |
|                                                        | 323                                                   | 316                                                 | 4,54             | 6853                                                | 2,2                              |                 |                  |                      |              |                            |
|                                                        | 382                                                   | 267                                                 | 3,83             | 6589                                                | 2,4                              |                 |                  |                      |              |                            |
|                                                        | 449                                                   | 228                                                 | 3,27             | 6404                                                | 2,6                              |                 |                  |                      |              |                            |
| 15<br>20                                               | 7,3                                                   | 18431                                               | 132,83           | 92255                                               | 1,0                              | MR973-3E180L/6E | 29,00            | 1227                 | 133          | IE3                        |
|                                                        |                                                       |                                                     |                  |                                                     |                                  | NR973-3E180L/6E |                  | 1277                 |              |                            |
|                                                        | 7,8                                                   | 17297                                               | 186,95           | 99559                                               | 1,0                              | MR973-3E160L/4E | 29,00            | 1160                 | 133          | IE3                        |
|                                                        | 8,8                                                   | 15445                                               | 166,73           | 109734                                              | 1,2                              | NR973-3E160L/4E |                  | 1210                 |              |                            |
|                                                        | 9,8                                                   | 13913                                               | 150,02           | 116899                                              | 1,3                              |                 |                  |                      |              |                            |
|                                                        | 11                                                    | 12309                                               | 132,83           | 123637                                              | 1,5                              |                 |                  |                      |              |                            |
|                                                        | 13                                                    | 10782                                               | 110,17           | 129424                                              | 1,7                              |                 |                  |                      |              |                            |
|                                                        | 14                                                    | 9544                                                | 102,69           | 133728                                              | 1,9                              |                 |                  |                      |              |                            |
|                                                        | 16                                                    | 8520                                                | 91,56            | 136978                                              | 2,1                              |                 |                  |                      |              |                            |
|                                                        | 18                                                    | 7658                                                | 82,20            | 139612                                              | 2,4                              |                 |                  |                      |              |                            |
|                                                        | 21                                                    | 6530                                                | 70,07            | 142944                                              | 2,8                              |                 |                  |                      |              |                            |
|                                                        | 24                                                    | 5764                                                | 61,77            | 145030                                              | 3,1                              |                 |                  |                      |              |                            |
|                                                        | 27                                                    | 5120                                                | 54,80            | 146712                                              | 3,5                              |                 |                  |                      |              |                            |
|                                                        | 8,9                                                   | 15215                                               | 110,17           | 57310                                               | 0,9                              | MR873-3E180L/6E | 29,00            | 695                  | 130          | IE3                        |
|                                                        | 9,8                                                   | 13784                                               | 99,81            | 67627                                               | 0,9                              | NR873-3E180L/6E |                  | 700                  |              |                            |
|                                                        | 11                                                    | 11947                                               | 86,51            | 78415                                               | 1,1                              |                 |                  |                      |              |                            |
|                                                        | 13                                                    | 10429                                               | 75,51            | 85637                                               | 1,2                              |                 |                  |                      |              |                            |
|                                                        | 13                                                    | 10126                                               | 110,17           | 87265                                               | 1,3                              | MR873-3E160L/4E | 29,00            | 635                  | 130          | IE3                        |
|                                                        | 15                                                    | 9174                                                | 99,81            | 91189                                               | 1,4                              | NR873-3E160L/4E |                  | 640                  |              |                            |
|                                                        | 17                                                    | 7951                                                | 86,51            | 95767                                               | 1,6                              |                 |                  |                      |              |                            |
|                                                        | 19                                                    | 6941                                                | 75,51            | 99209                                               | 1,9                              |                 |                  |                      |              |                            |
|                                                        | 23                                                    | 5954                                                | 64,77            | 102335                                              | 2,2                              |                 |                  |                      |              |                            |
|                                                        | 26                                                    | 5197                                                | 56,54            | 104512                                              | 2,5                              |                 |                  |                      |              |                            |
|                                                        | 28                                                    | 4858                                                | 52,86            | 105493                                              | 2,7                              |                 |                  |                      |              |                            |
|                                                        | 32                                                    | 4239                                                | 46,12            | 107118                                              | 3,1                              |                 |                  |                      |              |                            |





## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                                                  | IE3<br>Çıkış Devri                                                                                           | IE3<br>Çıkış Momenti                                                                                         | Çevrim Oranı                                                                                                               | IE3<br>Güv. Rad. Yük<br>Çıkış                                                                                              | IE3<br>Servis Faktörü                                                                          | Tipi                               | Anma<br>Akımı    | Ağırlık    | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------|------------------|------------|-----------------|-------------------------------|
| Power                                                                                | Output<br>Speeds                                                                                             | Output<br>Torque                                                                                             | Ratio                                                                                                                      | Per. O. Loads<br>(Output)                                                                                                  | Service<br>Factors                                                                             | Type                               | Rated<br>Current | Weight     | Dim. Page       | Motor<br>Eff. Class           |
| Leistung                                                                             | Abtriebswelle<br>Drehzahlen                                                                                  | Abtriebswelle<br>Drehmomente                                                                                 | Übersetzung                                                                                                                | Zul. Querkkräfte<br>(Abtrieb)                                                                                              | Betriebsfaktor                                                                                 | Typ                                | Nennstrom        | Gewicht    | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP]                                           | n <sub>2</sub> [r.p.m]                                                                                       | M <sub>2</sub> [Nm]                                                                                          | i                                                                                                                          | F <sub>qam</sub> [N]                                                                                                       | f <sub>s</sub>                                                                                 |                                    | [A]              | [kg]       |                 |                               |
| 15<br>20                                                                             | 36                                                                                                           | 3727                                                                                                         | 40,55                                                                                                                      | 108429                                                                                                                     | 3,5                                                                                            | MR873-3E160L/4E<br>NR873-3E160L/4E | 29,00            | 635<br>640 | 130             | IE3                           |
| 15<br>17<br>19<br>21<br>24<br>25<br>29<br>33<br>37<br>42<br>47<br>49<br>56<br>65     | 9216<br>8071<br>7124<br>6327<br>5648<br>5441<br>4720<br>4113<br>3672<br>3262<br>2912<br>2805<br>2434<br>2121 | 9216<br>8071<br>7124<br>6327<br>5648<br>5441<br>4720<br>4113<br>3672<br>3262<br>2912<br>2805<br>2434<br>2121 | 99,63<br>87,13<br>76,81<br>68,15<br>60,76<br>58,59<br>50,75<br>44,17<br>39,33<br>34,89<br>31,11<br>30,00<br>25,99<br>22,62 | 43792<br>48824<br>52306<br>54916<br>56964<br>57526<br>59383<br>60911<br>61963<br>62863<br>63595<br>63811<br>64545<br>65137 | 0,9<br>1,0<br>1,1<br>1,3<br>1,4<br>1,5<br>1,7<br>1,9<br>2,2<br>2,5<br>2,7<br>2,9<br>3,3<br>3,8 | MR773-3E160L/4E<br>NR773-3E160L/4E | 29,00            | 426<br>510 | 127             | IE3                           |
| 68                                                                                   | 2022                                                                                                         | 2022                                                                                                         | 21,40                                                                                                                      | 65319                                                                                                                      | 4,0                                                                                            | MR772-3E160L/4E<br>NR772-3E160L/4E | 29,00            | 396<br>480 | 127             | IE3                           |
| 32<br>37<br>43<br>49<br>55                                                           | 4213<br>3662<br>3206<br>2822<br>2494                                                                         | 4213<br>3662<br>3206<br>2822<br>2494                                                                         | 45,29<br>39,30<br>34,36<br>30,20<br>26,66                                                                                  | 23597<br>23284<br>22905<br>22481<br>22027                                                                                  | 1,0<br>1,1<br>1,2<br>1,3<br>1,4                                                                | MR673-3E160L/4E<br>NR673-3E160L/4E | 29,00            | 325<br>337 | 124             | IE3                           |
| 63<br>71<br>82<br>94<br>108<br>122<br>138<br>155<br>160<br>185                       | 2189<br>1961<br>1694<br>1469<br>1286<br>1135<br>1008<br>900<br>867<br>751                                    | 2189<br>1961<br>1694<br>1469<br>1286<br>1135<br>1008<br>900<br>867<br>751                                    | 23,18<br>20,74<br>17,93<br>15,53<br>13,58<br>11,97<br>10,62<br>9,47<br>9,13<br>7,91                                        | 21474<br>21009<br>20379<br>19736<br>19126<br>18548<br>17998<br>17473<br>17307<br>16656                                     | 1,7<br>1,8<br>2,0<br>2,3<br>2,5<br>2,8<br>3,1<br>3,4<br>3,5<br>3,9                             | MR672-3E160L/4E<br>NR672-3E160L/4E | 29,00            | 320<br>332 | 124             | IE3                           |
| 47<br>55                                                                             | 2929<br>2482                                                                                                 | 2929<br>2482                                                                                                 | 31,38<br>26,54                                                                                                             | 16274<br>16090                                                                                                             | 0,9<br>1,0                                                                                     | MR573-3E160L/4E<br>NR573-3E160L/4E | 29,00            | 271<br>262 | 121             | IE3                           |
| 64<br>76<br>86<br>101<br>117<br>135<br>155<br>176<br>198<br>228<br>260<br>296<br>336 | 2175<br>1811<br>1615<br>1375<br>1183<br>1028<br>900<br>792<br>704<br>612<br>535<br>471<br>416                | 2175<br>1811<br>1615<br>1375<br>1183<br>1028<br>900<br>792<br>704<br>612<br>535<br>471<br>416                | 23,02<br>19,15<br>17,07<br>14,54<br>12,50<br>10,85<br>9,48<br>8,34<br>7,41<br>6,43<br>5,63<br>4,95<br>4,37                 | 15855<br>15470<br>15190<br>14765<br>14335<br>13913<br>13501<br>13101<br>12607<br>12178<br>11771<br>11383<br>11010          | 1,2<br>1,4<br>1,5<br>1,7<br>2,0<br>2,2<br>2,4<br>2,7<br>3,1<br>3,4<br>3,7<br>4,0<br>4,0        | MR572-3E160L/4E<br>NR572-3E160L/4E | 29,00            | 265<br>257 | 121             | IE3                           |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış                       | IE3<br>Servis Faktörü            | Tipi                               | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|------------------------------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio            | Per.O. Loads<br>(Output)                            | Service<br>Factors               | Type                               | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ                                | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 15<br>20                                               | 81                                                    | 1688                                                | 18,04            | 7230                                                | 0,9                              | MR473-3E160L/4E<br>NR473-3E160L/4E | 29,00            | 222<br>225           | 118             |                               |
|                                                        | 85                                                    | 1629                                                | 17,25            | 7511                                                | 0,8                              | MR472-3E160L/4E<br>NR472-3E160L/4E | 29,00            | 220<br>223           | 118             |                               |
|                                                        | 95                                                    | 1452                                                | 15,35            | 7577                                                | 0,9                              |                                    |                  |                      |                 |                               |
|                                                        | 108                                                   | 1284                                                | 13,56            | 7603                                                | 0,9                              |                                    |                  |                      |                 |                               |
|                                                        | 122                                                   | 1142                                                | 12,05            | 7590                                                | 1,0                              |                                    |                  |                      |                 |                               |
|                                                        | 136                                                   | 1021                                                | 10,79            | 7404                                                | 1,1                              |                                    |                  |                      |                 |                               |
|                                                        | 154                                                   | 903                                                 | 9,53             | 7349                                                | 1,2                              |                                    |                  |                      |                 |                               |
|                                                        | 173                                                   | 803                                                 | 8,47             | 7272                                                | 1,3                              |                                    |                  |                      |                 |                               |
|                                                        | 186                                                   | 745                                                 | 7,87             | 7213                                                | 1,4                              |                                    |                  |                      |                 |                               |
|                                                        | 220                                                   | 630                                                 | 6,65             | 7055                                                | 1,6                              |                                    |                  |                      |                 |                               |
|                                                        | 259                                                   | 537                                                 | 5,66             | 6877                                                | 1,7                              |                                    |                  |                      |                 |                               |
|                                                        | 300                                                   | 465                                                 | 4,89             | 6535                                                | 1,7                              |                                    |                  |                      |                 |                               |
|                                                        | 323                                                   | 431                                                 | 4,54             | 6452                                                | 1,6                              |                                    |                  |                      |                 |                               |
|                                                        | 382                                                   | 365                                                 | 3,83             | 6250                                                | 1,8                              |                                    |                  |                      |                 |                               |
|                                                        | 449                                                   | 311                                                 | 3,27             | 6047                                                | 1,9                              |                                    |                  |                      |                 |                               |
| 18,5<br>25                                             | 8,8                                                   | 18921                                               | 166,73           | 89083                                               | 1,0                              | MR973-3E180M/4C<br>NR973-3E180M/4C | 34,50            | 1187<br>1237         | 133             | IE3                           |
|                                                        | 9,8                                                   | 17045                                               | 150,02           | 100675                                              | 1,1                              |                                    |                  |                      |                 |                               |
|                                                        | 11                                                    | 15079                                               | 132,83           | 111022                                              | 1,2                              |                                    |                  |                      |                 |                               |
|                                                        | 13                                                    | 13209                                               | 116,17           | 119563                                              | 1,4                              |                                    |                  |                      |                 |                               |
|                                                        | 14                                                    | 11692                                               | 102,69           | 125735                                              | 1,5                              |                                    |                  |                      |                 |                               |
|                                                        | 16                                                    | 10437                                               | 91,56            | 130404                                              | 1,7                              |                                    |                  |                      |                 |                               |
|                                                        | 18                                                    | 9382                                                | 82,20            | 134057                                              | 1,9                              |                                    |                  |                      |                 |                               |
|                                                        | 21                                                    | 8000                                                | 70,07            | 138616                                              | 2,3                              |                                    |                  |                      |                 |                               |
|                                                        | 24                                                    | 7062                                                | 61,77            | 141298                                              | 2,5                              |                                    |                  |                      |                 |                               |
|                                                        | 27                                                    | 6272                                                | 54,80            | 143539                                              | 2,9                              |                                    |                  |                      |                 |                               |
|                                                        | 30                                                    | 5599                                                | 48,86            | 145367                                              | 3,2                              |                                    |                  |                      |                 |                               |
|                                                        | 35                                                    | 4852                                                | 42,30            | 147309                                              | 3,7                              |                                    |                  |                      |                 |                               |
|                                                        | 13                                                    | 12836                                               | 75,51            | 73297                                               | 1,0                              | MR873-3E200L/6C<br>NR873-3E200L/6C | 36,40            | 725<br>730           | 130             | IE3                           |
|                                                        | 15                                                    | 11010                                               | 64,77            | 82825                                               | 1,2                              |                                    |                  |                      |                 |                               |
|                                                        | 17                                                    | 9740                                                | 86,51            | 88619                                               | 1,3                              | MR873-3E180M/4C<br>NR873-3E180M/4C | 34,50            | 687<br>692           | 130             | IE3                           |
|                                                        | 20                                                    | 8502                                                | 75,51            | 93547                                               | 1,5                              |                                    |                  |                      |                 |                               |
|                                                        | 23                                                    | 7293                                                | 64,77            | 97873                                               | 1,8                              |                                    |                  |                      |                 |                               |
|                                                        | 26                                                    | 6366                                                | 56,54            | 100811                                              | 2,0                              |                                    |                  |                      |                 |                               |
|                                                        | 28                                                    | 5951                                                | 52,86            | 102270                                              | 2,2                              |                                    |                  |                      |                 |                               |
|                                                        | 32                                                    | 5192                                                | 46,12            | 104425                                              | 2,5                              |                                    |                  |                      |                 |                               |
|                                                        | 36                                                    | 4565                                                | 40,55            | 106169                                              | 2,8                              |                                    |                  |                      |                 |                               |
|                                                        | 19                                                    | 8727                                                | 76,81            | 45867                                               | 0,9                              | MR773-3E180M/4C<br>NR773-3E180M/4C | 34,50            | 450<br>542           | 127             | IE3                           |
|                                                        | 22                                                    | 7751                                                | 68,15            | 49852                                               | 1,0                              |                                    |                  |                      |                 |                               |
|                                                        | 24                                                    | 6919                                                | 60,76            | 52845                                               | 1,2                              |                                    |                  |                      |                 |                               |
|                                                        | 25                                                    | 6666                                                | 58,59            | 53691                                               | 1,2                              |                                    |                  |                      |                 |                               |
|                                                        | 29                                                    | 5782                                                | 50,75            | 56440                                               | 1,4                              |                                    |                  |                      |                 |                               |
|                                                        | 33                                                    | 5039                                                | 44,17            | 58529                                               | 1,6                              |                                    |                  |                      |                 |                               |
|                                                        | 38                                                    | 4498                                                | 39,33            | 59872                                               | 1,8                              |                                    |                  |                      |                 |                               |
|                                                        | 42                                                    | 3996                                                | 34,89            | 61193                                               | 2,0                              |                                    |                  |                      |                 |                               |
|                                                        | 47                                                    | 3567                                                | 31,11            | 62143                                               | 2,2                              |                                    |                  |                      |                 |                               |
|                                                        | 49                                                    | 3437                                                | 30,00            | 62433                                               | 2,3                              |                                    |                  |                      |                 |                               |
|                                                        | 57                                                    | 2981                                                | 25,99            | 63409                                               | 2,7                              |                                    |                  |                      |                 |                               |
|                                                        | 65                                                    | 2598                                                | 22,62            | 64190                                               | 3,1                              |                                    |                  |                      |                 |                               |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış                       | IE3<br>Servis Faktörü            | Tipi            | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|-----------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio            | Per. O. Loads<br>(Output)                           | Service<br>Factors               | Type            | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ             | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 18,5<br>25                                             | 69                                                    | 2477                                                | 21,40            | 64428                                               | 3,2                              | MR772-3E180M/4C | 34,50            | 445                  | 127             | IE3                           |
|                                                        | 79                                                    | 2160                                                | 18,63            | 65037                                               | 3,7                              | NR772-3E180M/4C |                  | 537                  |                 |                               |
|                                                        | 38                                                    | 4486                                                | 39,30            | 21455                                               | 0,9                              | MR673-3E180M/4C | 34,50            | 341                  | 124             | IE3                           |
|                                                        | 43                                                    | 3927                                                | 34,36            | 21304                                               | 1,0                              | NR673-3E180M/4C |                  | 355                  |                 |                               |
|                                                        | 49                                                    | 3457                                                | 30,20            | 21071                                               | 1,1                              |                 |                  |                      |                 |                               |
|                                                        | 55                                                    | 3056                                                | 26,66            | 20779                                               | 1,2                              |                 |                  |                      |                 |                               |
|                                                        | 64                                                    | 2682                                                | 23,18            | 20387                                               | 1,4                              | MR672-3E180M/4C | 34,50            | 338                  | 124             | IE3                           |
|                                                        | 71                                                    | 2402                                                | 20,74            | 20035                                               | 1,5                              | NR672-3E180M/4C |                  | 349                  |                 |                               |
|                                                        | 82                                                    | 2075                                                | 17,93            | 19534                                               | 1,7                              |                 |                  |                      |                 |                               |
|                                                        | 95                                                    | 1799                                                | 15,53            | 19001                                               | 1,9                              |                 |                  |                      |                 |                               |
|                                                        | 109                                                   | 1576                                                | 13,58            | 18482                                               | 2,1                              |                 |                  |                      |                 |                               |
|                                                        | 123                                                   | 1391                                                | 11,97            | 17978                                               | 2,3                              |                 |                  |                      |                 |                               |
|                                                        | 139                                                   | 1235                                                | 10,62            | 17491                                               | 2,5                              |                 |                  |                      |                 |                               |
|                                                        | 156                                                   | 1102                                                | 9,47             | 17019                                               | 2,7                              |                 |                  |                      |                 |                               |
|                                                        | 162                                                   | 1062                                                | 9,13             | 16868                                               | 2,8                              |                 |                  |                      |                 |                               |
|                                                        | 186                                                   | 921                                                 | 7,91             | 16274                                               | 3,2                              |                 |                  |                      |                 |                               |
|                                                        | 214                                                   | 802                                                 | 6,88             | 15701                                               | 3,6                              |                 |                  |                      |                 |                               |
|                                                        | 257                                                   | 668                                                 | 5,73             | 14781                                               | 4,0                              |                 |                  |                      |                 |                               |
|                                                        | 77                                                    | 2218                                                | 19,15            | 14469                                               | 1,1                              | MR572-3E180M/4C | 34,50            | 289                  | 121             | IE3                           |
|                                                        | 86                                                    | 1979                                                | 17,07            | 14297                                               | 1,2                              | NR572-3E180M/4C |                  | 277                  |                 |                               |
|                                                        | 101                                                   | 1684                                                | 14,54            | 14002                                               | 1,4                              |                 |                  |                      |                 |                               |
|                                                        | 118                                                   | 1450                                                | 12,50            | 13677                                               | 1,6                              |                 |                  |                      |                 |                               |
|                                                        | 136                                                   | 1260                                                | 10,85            | 13341                                               | 1,8                              |                 |                  |                      |                 |                               |
|                                                        | 156                                                   | 1103                                                | 9,48             | 12999                                               | 2,0                              |                 |                  |                      |                 |                               |
|                                                        | 177                                                   | 970                                                 | 8,34             | 12658                                               | 2,2                              |                 |                  |                      |                 |                               |
|                                                        | 199                                                   | 862                                                 | 7,41             | 12183                                               | 2,5                              |                 |                  |                      |                 |                               |
|                                                        | 229                                                   | 749                                                 | 6,43             | 11809                                               | 2,8                              |                 |                  |                      |                 |                               |
|                                                        | 262                                                   | 656                                                 | 5,63             | 11447                                               | 3,0                              |                 |                  |                      |                 |                               |
|                                                        | 298                                                   | 577                                                 | 4,95             | 11096                                               | 3,3                              |                 |                  |                      |                 |                               |
|                                                        | 338                                                   | 510                                                 | 4,37             | 10756                                               | 3,6                              |                 |                  |                      |                 |                               |
| 22<br>30                                               | 109                                                   | 1573                                                | 13,56            | 6706                                                | 0,8                              | MR472-3E180M/4C | 34,50            | 269                  | 118             | IE3                           |
|                                                        | 122                                                   | 1399                                                | 12,05            | 6792                                                | 0,8                              | NR472-3E180M/4C |                  | 272                  |                 |                               |
|                                                        | 137                                                   | 1251                                                | 10,79            | 6656                                                | 0,9                              |                 |                  |                      |                 |                               |
|                                                        | 155                                                   | 1106                                                | 9,53             | 6687                                                | 0,9                              |                 |                  |                      |                 |                               |
|                                                        | 174                                                   | 984                                                 | 8,47             | 6683                                                | 1,0                              |                 |                  |                      |                 |                               |
|                                                        | 188                                                   | 912                                                 | 7,87             | 6666                                                | 1,1                              |                 |                  |                      |                 |                               |
|                                                        | 222                                                   | 772                                                 | 6,65             | 6591                                                | 1,3                              |                 |                  |                      |                 |                               |
|                                                        | 261                                                   | 658                                                 | 5,66             | 6481                                                | 1,4                              |                 |                  |                      |                 |                               |
|                                                        | 302                                                   | 570                                                 | 4,89             | 6155                                                | 1,4                              |                 |                  |                      |                 |                               |
|                                                        | 325                                                   | 528                                                 | 4,54             | 6098                                                | 1,3                              |                 |                  |                      |                 |                               |
|                                                        | 385                                                   | 447                                                 | 3,83             | 5951                                                | 1,5                              |                 |                  |                      |                 |                               |
|                                                        | 452                                                   | 381                                                 | 3,27             | 5791                                                | 1,5                              |                 |                  |                      |                 |                               |
|                                                        | 11                                                    | 17994                                               | 132,83           | 95428                                               | 1,0                              | MR973-3E180L/4D | 42,50            | 1212                 | 133             | IE3                           |
|                                                        | 13                                                    | 15763                                               | 116,17           | 107874                                              | 1,1                              | NR973-3E180L/4D |                  | 1262                 |                 |                               |
|                                                        | 14                                                    | 13953                                               | 102,69           | 116512                                              | 1,3                              |                 |                  |                      |                 |                               |
|                                                        | 16                                                    | 12455                                               | 91,56            | 122880                                              | 1,4                              |                 |                  |                      |                 |                               |
|                                                        | 18                                                    | 11195                                               | 82,20            | 127771                                              | 1,6                              |                 |                  |                      |                 |                               |
|                                                        | 21                                                    | 9546                                                | 70,07            | 133612                                              | 1,9                              |                 |                  |                      |                 |                               |
|                                                        | 24                                                    | 8427                                                | 61,77            | 137204                                              | 2,1                              |                 |                  |                      |                 |                               |
|                                                        | 27                                                    | 7485                                                | 54,80            | 140128                                              | 2,4                              |                 |                  |                      |                 |                               |
|                                                        | 30                                                    | 6682                                                | 48,86            | 142455                                              | 2,7                              |                 |                  |                      |                 |                               |
|                                                        | 35                                                    | 5790                                                | 42,30            | 144908                                              | 3,1                              |                 |                  |                      |                 |                               |
|                                                        | 39                                                    | 5112                                                | 37,29            | 146689                                              | 3,5                              |                 |                  |                      |                 |                               |





## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış                       | IE3<br>Servis Faktörü            | Tipi            | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|-----------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio            | Per.O. Loads<br>(Output)                            | Service<br>Factors               | Type            | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ             | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 22<br>30                                               | 13                                                    | 15249                                               | 75,51            | 56641                                               | 0,9                              | MR873-3E200L/6D | 43,00            | 740                  | 130             | IE3                           |
|                                                        | 15                                                    | 13080                                               | 64,77            | 71797                                               | 1,0                              | NR873-3E200L/6D |                  | 745                  |                 |                               |
|                                                        | 17                                                    | 11622                                               | 86,51            | 80155                                               | 1,1                              | MR873-3E180L/4D | 42,50            | 687                  | 130             | IE3                           |
|                                                        | 19                                                    | 10145                                               | 75,51            | 87034                                               | 1,3                              | NR873-3E180L/4D |                  | 692                  |                 |                               |
|                                                        | 23                                                    | 8702                                                | 64,77            | 92898                                               | 1,5                              |                 |                  |                      |                 |                               |
|                                                        | 26                                                    | 7596                                                | 56,54            | 96919                                               | 1,7                              |                 |                  |                      |                 |                               |
|                                                        | 28                                                    | 7101                                                | 52,86            | 98601                                               | 1,8                              |                 |                  |                      |                 |                               |
|                                                        | 32                                                    | 6196                                                | 46,12            | 101504                                              | 2,1                              |                 |                  |                      |                 |                               |
|                                                        | 36                                                    | 5447                                                | 40,55            | 103743                                              | 2,4                              |                 |                  |                      |                 |                               |
|                                                        | 24                                                    | 8256                                                | 60,76            | 47975                                               | 1,0                              | MR773-3E180L/4D | 42,50            | 489                  | 127             | IE3                           |
|                                                        | 25                                                    | 7955                                                | 58,59            | 49172                                               | 1,0                              | NR773-3E180L/4D |                  | 587                  |                 |                               |
|                                                        | 29                                                    | 6900                                                | 50,75            | 52987                                               | 1,2                              |                 |                  |                      |                 |                               |
|                                                        | 33                                                    | 6013                                                | 44,17            | 55813                                               | 1,3                              |                 |                  |                      |                 |                               |
|                                                        | 37                                                    | 5368                                                | 39,33            | 57678                                               | 1,5                              |                 |                  |                      |                 |                               |
|                                                        | 42                                                    | 4768                                                | 34,89            | 59285                                               | 1,7                              |                 |                  |                      |                 |                               |
|                                                        | 47                                                    | 4257                                                | 31,11            | 60614                                               | 1,9                              |                 |                  |                      |                 |                               |
|                                                        | 49                                                    | 4101                                                | 30,00            | 61022                                               | 2,0                              |                 |                  |                      |                 |                               |
|                                                        | 57                                                    | 3558                                                | 25,99            | 62191                                               | 2,2                              |                 |                  |                      |                 |                               |
|                                                        | 65                                                    | 3101                                                | 22,62            | 63181                                               | 2,6                              |                 |                  |                      |                 |                               |
|                                                        | 69                                                    | 2956                                                | 21,40            | 63482                                               | 2,7                              | MR772-3E180L/4D | 42,50            | 457                  | 127             | IE3                           |
|                                                        | 79                                                    | 2577                                                | 18,63            | 64248                                               | 3,1                              | NR772-3E180L/4D |                  | 557                  |                 |                               |
|                                                        | 90                                                    | 2270                                                | 16,39            | 65386                                               | 3,4                              |                 |                  |                      |                 |                               |
|                                                        | 101                                                   | 2015                                                | 14,54            | 66349                                               | 3,7                              |                 |                  |                      |                 |                               |
|                                                        | 49                                                    | 4125                                                | 30,20            | 19673                                               | 0,9                              | MR673-3E180L/4D | 42,50            | 370                  | 124             | IE3                           |
|                                                        | 55                                                    | 3647                                                | 26,66            | 19544                                               | 1,0                              | NR673-3E180L/4D |                  | 384                  |                 |                               |
|                                                        | 63                                                    | 3201                                                | 23,18            | 19314                                               | 1,1                              | MR672-3E180L/4D | 42,50            | 345                  | 124             | IE3                           |
|                                                        | 71                                                    | 2866                                                | 20,74            | 19075                                               | 1,2                              | NR672-3E180L/4D |                  | 349                  |                 |                               |
|                                                        | 82                                                    | 2476                                                | 17,93            | 18704                                               | 1,4                              |                 |                  |                      |                 |                               |
|                                                        | 95                                                    | 2147                                                | 15,53            | 18283                                               | 1,6                              |                 |                  |                      |                 |                               |
|                                                        | 108                                                   | 1881                                                | 13,58            | 17853                                               | 1,7                              |                 |                  |                      |                 |                               |
|                                                        | 123                                                   | 1660                                                | 11,97            | 17424                                               | 1,9                              |                 |                  |                      |                 |                               |
|                                                        | 138                                                   | 1474                                                | 10,62            | 16999                                               | 2,1                              |                 |                  |                      |                 |                               |
|                                                        | 155                                                   | 1315                                                | 9,47             | 16580                                               | 2,3                              |                 |                  |                      |                 |                               |
|                                                        | 161                                                   | 1267                                                | 9,13             | 16446                                               | 2,4                              |                 |                  |                      |                 |                               |
|                                                        | 186                                                   | 1099                                                | 7,91             | 15908                                               | 2,7                              |                 |                  |                      |                 |                               |
|                                                        | 214                                                   | 957                                                 | 6,88             | 15383                                               | 3,0                              |                 |                  |                      |                 |                               |
|                                                        | 257                                                   | 798                                                 | 5,73             | 14484                                               | 4,0                              |                 |                  |                      |                 |                               |
|                                                        | 289                                                   | 708                                                 | 5,08             | 14055                                               | 4,0                              |                 |                  |                      |                 |                               |
|                                                        | 324                                                   | 632                                                 | 4,53             | 13645                                               | 4,0                              |                 |                  |                      |                 |                               |
|                                                        | 336                                                   | 609                                                 | 4,37             | 13516                                               | 4,0                              |                 |                  |                      |                 |                               |
|                                                        | 388                                                   | 528                                                 | 3,79             | 13008                                               | 4,0                              |                 |                  |                      |                 |                               |
|                                                        | 77                                                    | 2647                                                | 19,15            | 13476                                               | 1,0                              | MR572-3E180L/4D | 42,50            | 311                  | 121             | IE3                           |
|                                                        | 86                                                    | 2361                                                | 17,07            | 13412                                               | 1,0                              | NR572-3E180L/4D |                  | 298                  |                 |                               |
|                                                        | 101                                                   | 2010                                                | 14,54            | 13249                                               | 1,2                              |                 |                  |                      |                 |                               |
|                                                        | 118                                                   | 1730                                                | 12,50            | 13029                                               | 1,3                              |                 |                  |                      |                 |                               |
|                                                        | 136                                                   | 1503                                                | 10,85            | 12778                                               | 1,5                              |                 |                  |                      |                 |                               |
|                                                        | 155                                                   | 1316                                                | 9,48             | 12508                                               | 1,7                              |                 |                  |                      |                 |                               |
|                                                        | 176                                                   | 1158                                                | 8,34             | 12226                                               | 1,9                              |                 |                  |                      |                 |                               |
|                                                        | 198                                                   | 1029                                                | 7,41             | 11769                                               | 2,1                              |                 |                  |                      |                 |                               |
|                                                        | 228                                                   | 894                                                 | 6,43             | 11450                                               | 2,3                              |                 |                  |                      |                 |                               |



## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                        | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı | IE3<br>Güv. Rad. Yük<br>Çıkış | IE3<br>Servis Faktörü | Tipi            | Anma<br>Akımı    | Ağırlık | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------|-----------------------------|------------------------------|--------------|-------------------------------|-----------------------|-----------------|------------------|---------|-----------------|-------------------------------|
| Power                                      | Output<br>Speeds            | Output<br>Torque             | Ratio        | Per. O. Loads<br>(Output)     | Service<br>Factors    | Type            | Rated<br>Current | Weight  | Dim. Page       | Motor<br>Eff. Class           |
| Leistung                                   | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Übersetzung  | Zul. Querkkräfte<br>(Abtrieb) | Betriebsfaktor        | Typ             | Nennstrom        | Gewicht | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m.]     | M <sub>2</sub> [Nm]          | i            | F <sub>qam</sub> [N]          | f <sub>s</sub>        |                 | [A]              | [kg]    |                 |                               |
| 22<br>30                                   | 261                         | 783                          | 5,63         | 11133                         | 2,5                   | MR572-3E180L/4D | 42,50            | 311     | 121             | IE3                           |
|                                            | 297                         | 689                          | 4,95         | 10820                         | 2,8                   | NR572-3E180L/4D |                  | 298     |                 |                               |
|                                            | 337                         | 609                          | 4,37         | 10513                         | 3,0                   |                 |                  |         |                 |                               |
|                                            | 154                         | 1320                         | 9,53         | 6027                          | 0,8                   | MR472-3E180L/4D | 42,50            | 269     | 118             | IE3                           |
|                                            | 174                         | 1174                         | 8,47         | 6096                          | 0,9                   | NR472-3E180L/4D |                  | 271     |                 |                               |
|                                            | 187                         | 1089                         | 7,87         | 6121                          | 0,9                   |                 |                  |         |                 |                               |
|                                            | 221                         | 922                          | 6,65         | 6131                          | 1,1                   |                 |                  |         |                 |                               |
|                                            | 260                         | 786                          | 5,66         | 6089                          | 1,2                   |                 |                  |         |                 |                               |
|                                            | 301                         | 680                          | 4,89         | 5778                          | 1,2                   |                 |                  |         |                 |                               |
|                                            | 324                         | 630                          | 4,54         | 5749                          | 1,1                   |                 |                  |         |                 |                               |
|                                            | 383                         | 533                          | 3,83         | 5655                          | 1,2                   |                 |                  |         |                 |                               |
|                                            | 450                         | 455                          | 3,27         | 5539                          | 1,3                   |                 |                  |         |                 |                               |
| 30<br>40                                   | 14                          | 18963                        | 102,69       | 88796                         | 0,9                   | MR973-3E200L/4D | 55,00            | 1271    | 133             | IE3                           |
|                                            | 16                          | 16928                        | 91,56        | 101334                        | 1,1                   | NR973-3E200L/4D |                  | 1321    |                 |                               |
|                                            | 18                          | 15216                        | 82,20        | 110352                        | 1,2                   |                 |                  |         |                 |                               |
|                                            | 21                          | 12975                        | 70,07        | 120559                        | 1,4                   |                 |                  |         |                 |                               |
|                                            | 24                          | 11453                        | 61,77        | 126654                        | 1,6                   |                 |                  |         |                 |                               |
|                                            | 27                          | 10173                        | 54,80        | 131340                        | 1,8                   |                 |                  |         |                 |                               |
|                                            | 30                          | 9081                         | 48,86        | 135053                        | 2,0                   |                 |                  |         |                 |                               |
|                                            | 35                          | 7870                         | 42,30        | 138982                        | 2,3                   |                 |                  |         |                 |                               |
|                                            | 40                          | 6948                         | 37,29        | 141629                        | 2,6                   |                 |                  |         |                 |                               |
|                                            | 45                          | 6172                         | 33,08        | 143817                        | 2,9                   |                 |                  |         |                 |                               |
|                                            | 50                          | 5509                         | 29,49        | 145605                        | 3,3                   |                 |                  |         |                 |                               |
|                                            | 20                          | 13787                        | 75,51        | 67641                         | 0,9                   | MR873-3E200L/4D | 55,00            | 777     | 130             | IE3                           |
|                                            | 23                          | 11826                        | 64,77        | 78916                         | 1,1                   | NR873-3E200L/4D |                  | 782     |                 |                               |
|                                            | 26                          | 10323                        | 56,54        | 86098                         | 1,3                   |                 |                  |         |                 |                               |
|                                            | 28                          | 9651                         | 52,86        | 88992                         | 1,3                   |                 |                  |         |                 |                               |
|                                            | 32                          | 8420                         | 46,12        | 93855                         | 1,5                   |                 |                  |         |                 |                               |
|                                            | 36                          | 7403                         | 40,55        | 97498                         | 1,8                   |                 |                  |         |                 |                               |
|                                            | 43                          | 6305                         | 34,53        | 101037                        | 2,1                   |                 |                  |         |                 |                               |
|                                            | 49                          | 5543                         | 30,36        | 103477                        | 2,3                   |                 |                  |         |                 |                               |
|                                            | 54                          | 5002                         | 27,39        | 104965                        | 2,6                   |                 |                  |         |                 |                               |
|                                            | 62                          | 4359                         | 23,87        | 106724                        | 3,0                   |                 |                  |         |                 |                               |
|                                            | 73                          | 3702                         | 20,28        | 107951                        | 3,5                   |                 |                  |         |                 |                               |
|                                            | 83                          | 3255                         | 17,83        | 105255                        | 4,0                   |                 |                  |         |                 |                               |
|                                            | 92                          | 2937                         | 16,09        | 103054                        | 4,0                   |                 |                  |         |                 |                               |
|                                            | 105                         | 2559                         | 14,02        | 100062                        | 4,0                   |                 |                  |         |                 |                               |
|                                            | 38                          | 7296                         | 39,33        | 51530                         | 1,1                   | MR773-3E200L/4D | 55,00            | 528     | 127             | IE3                           |
|                                            | 42                          | 6481                         | 34,89        | 54292                         | 1,2                   | NR773-3E200L/4D |                  | 631     |                 |                               |
|                                            | 47                          | 5785                         | 31,11        | 56432                         | 1,4                   |                 |                  |         |                 |                               |
|                                            | 49                          | 5574                         | 30,00        | 57045                         | 1,4                   |                 |                  |         |                 |                               |
|                                            | 57                          | 4836                         | 25,99        | 58976                         | 1,7                   |                 |                  |         |                 |                               |
|                                            | 65                          | 4214                         | 22,62        | 60692                         | 1,9                   |                 |                  |         |                 |                               |
|                                            | 69                          | 4018                         | 21,40        | 61103                         | 2,0                   | MR772-3E200L/4D | 55,00            | 496     | 127             | IE3                           |
|                                            | 79                          | 3503                         | 18,63        | 62280                         | 2,3                   | NR772-3E200L/4D |                  | 601     |                 |                               |
|                                            | 90                          | 3085                         | 16,39        | 63789                         | 2,5                   |                 |                  |         |                 |                               |
|                                            | 101                         | 2739                         | 14,54        | 65036                         | 2,7                   |                 |                  |         |                 |                               |
|                                            | 114                         | 2449                         | 12,98        | 66035                         | 2,9                   |                 |                  |         |                 |                               |
|                                            | 127                         | 2200                         | 11,65        | 66899                         | 3,1                   |                 |                  |         |                 |                               |
|                                            | 134                         | 2076                         | 11,00        | 67301                         | 3,3                   |                 |                  |         |                 |                               |
|                                            | 153                         | 1817                         | 9,62         | 68157                         | 3,6                   |                 |                  |         |                 |                               |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü            | Tipi                                             | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio            |                                                           | Service<br>Factors               | Type                                             | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N]       | Betriebsfaktor<br>f <sub>s</sub> | Typ                                              | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| <b>30</b><br>40                                        | 82                                                    | 3366                                                | <b>17,93</b>     | 16806                                                     | 1,0                              | <b>MR672-3E200L/4D</b><br><b>NR672-3E200L/4D</b> | 55,00            | 417                  | 124             | IE3                           |
|                                                        | 95                                                    | 2919                                                | <b>15,53</b>     | 16639                                                     | 1,1                              |                                                  |                  | 411                  |                 |                               |
|                                                        | 109                                                   | 2556                                                | <b>13,58</b>     | 16416                                                     | 1,3                              |                                                  |                  |                      |                 |                               |
|                                                        | 123                                                   | 2256                                                | <b>11,97</b>     | 16157                                                     | 1,4                              |                                                  |                  |                      |                 |                               |
|                                                        | 139                                                   | 2003                                                | <b>10,62</b>     | 15875                                                     | 1,5                              |                                                  |                  |                      |                 |                               |
|                                                        | 156                                                   | 1788                                                | <b>9,47</b>      | 15578                                                     | 1,7                              |                                                  |                  |                      |                 |                               |
|                                                        | 162                                                   | 1722                                                | <b>9,13</b>      | 15479                                                     | 1,7                              |                                                  |                  |                      |                 |                               |
|                                                        | 186                                                   | 1493                                                | <b>7,91</b>      | 15071                                                     | 2,0                              |                                                  |                  |                      |                 |                               |
|                                                        | 214                                                   | 1301                                                | <b>6,88</b>      | 14654                                                     | 2,2                              |                                                  |                  |                      |                 |                               |
|                                                        | 257                                                   | 1084                                                | <b>5,73</b>      | 13804                                                     | 2,9                              |                                                  |                  |                      |                 |                               |
|                                                        | 290                                                   | 963                                                 | <b>5,08</b>      | 13452                                                     | 3,0                              |                                                  |                  |                      |                 |                               |
|                                                        | 325                                                   | 859                                                 | <b>4,53</b>      | 13107                                                     | 3,1                              |                                                  |                  |                      |                 |                               |
|                                                        | 338                                                   | 828                                                 | <b>4,37</b>      | 12997                                                     | 3,2                              |                                                  |                  |                      |                 |                               |
|                                                        | 390                                                   | 718                                                 | <b>3,79</b>      | 12559                                                     | 3,3                              |                                                  |                  |                      |                 |                               |
|                                                        | 448                                                   | 625                                                 | <b>3,29</b>      | 12133                                                     | 3,4                              |                                                  |                  |                      |                 |                               |
|                                                        | 101                                                   | 2731                                                | <b>14,54</b>     | 11526                                                     | 0,9                              | <b>MR572-3E200L/4D</b><br><b>NR572-3E200L/4D</b> | 55,00            | 335                  | 121             | IE3                           |
|                                                        | 118                                                   | 2352                                                | <b>12,50</b>     | 11548                                                     | 1,0                              |                                                  |                  | 322                  |                 |                               |
|                                                        | 136                                                   | 2043                                                | <b>10,85</b>     | 11493                                                     | 1,1                              |                                                  |                  |                      |                 |                               |
|                                                        | 156                                                   | 1788                                                | <b>9,48</b>      | 11384                                                     | 1,2                              |                                                  |                  |                      |                 |                               |
|                                                        | 177                                                   | 1574                                                | <b>8,34</b>      | 11238                                                     | 1,4                              |                                                  |                  |                      |                 |                               |
|                                                        | 199                                                   | 1399                                                | <b>7,41</b>      | 10823                                                     | 1,6                              |                                                  |                  |                      |                 |                               |
|                                                        | 229                                                   | 1216                                                | <b>6,43</b>      | 10629                                                     | 1,7                              |                                                  |                  |                      |                 |                               |
|                                                        | 262                                                   | 1064                                                | <b>5,63</b>      | 10415                                                     | 1,9                              |                                                  |                  |                      |                 |                               |
|                                                        | 298                                                   | 936                                                 | <b>4,95</b>      | 10190                                                     | 2,0                              |                                                  |                  |                      |                 |                               |
|                                                        | 338                                                   | 827                                                 | <b>4,37</b>      | 9956                                                      | 2,2                              |                                                  |                  |                      |                 |                               |
| <b>37</b><br>50                                        | 18                                                    | 18729                                               | <b>82,20</b>     | 90116                                                     | 1,0                              | <b>MR973-3E225S/4C</b><br><b>NR973-3E225S/4C</b> | 65,70            | 1295                 | 133             | IE3                           |
|                                                        | 21                                                    | 15970                                               | <b>70,07</b>     | 106356                                                    | 1,1                              |                                                  |                  | 1345                 |                 |                               |
|                                                        | 24                                                    | 14098                                               | <b>61,77</b>     | 115513                                                    | 1,3                              |                                                  |                  |                      |                 |                               |
|                                                        | 27                                                    | 12522                                               | <b>54,80</b>     | 122331                                                    | 1,4                              |                                                  |                  |                      |                 |                               |
|                                                        | 30                                                    | 11178                                               | <b>48,86</b>     | 127606                                                    | 1,6                              |                                                  |                  |                      |                 |                               |
|                                                        | 35                                                    | 9687                                                | <b>42,30</b>     | 132957                                                    | 1,9                              |                                                  |                  |                      |                 |                               |
|                                                        | 40                                                    | 8552                                                | <b>37,29</b>     | 136744                                                    | 2,1                              |                                                  |                  |                      |                 |                               |
|                                                        | 45                                                    | 7597                                                | <b>33,08</b>     | 139875                                                    | 2,4                              |                                                  |                  |                      |                 |                               |
|                                                        | 50                                                    | 6781                                                | <b>29,49</b>     | 142067                                                    | 2,7                              |                                                  |                  |                      |                 |                               |
|                                                        | 57                                                    | 5981                                                | <b>26,03</b>     | 144306                                                    | 3,0                              |                                                  |                  |                      |                 |                               |
|                                                        | 64                                                    | 5281                                                | <b>22,95</b>     | 146178                                                    | 3,4                              |                                                  |                  |                      |                 |                               |
|                                                        | 32                                                    | 10364                                               | <b>46,12</b>     | 85826                                                     | 1,3                              | <b>MR873-3E225S/4C</b><br><b>NR873-3E225S/4C</b> | 65,70            | 855                  | 130             | IE3                           |
|                                                        | 36                                                    | 9112                                                | <b>40,55</b>     | 91113                                                     | 1,4                              |                                                  |                  | 860                  |                 |                               |
|                                                        | 43                                                    | 7760                                                | <b>34,53</b>     | 96200                                                     | 1,7                              |                                                  |                  |                      |                 |                               |
|                                                        | 49                                                    | 6823                                                | <b>30,36</b>     | 99396                                                     | 1,9                              |                                                  |                  |                      |                 |                               |
|                                                        | 54                                                    | 6156                                                | <b>27,39</b>     | 101500                                                    | 2,1                              |                                                  |                  |                      |                 |                               |
|                                                        | 62                                                    | 5365                                                | <b>23,87</b>     | 104015                                                    | 2,4                              |                                                  |                  |                      |                 |                               |
|                                                        | 73                                                    | 4556                                                | <b>20,28</b>     | 104029                                                    | 2,9                              |                                                  |                  |                      |                 |                               |
|                                                        | 83                                                    | 4006                                                | <b>17,83</b>     | 101807                                                    | 3,2                              |                                                  |                  |                      |                 |                               |
|                                                        | 92                                                    | 3615                                                | <b>16,09</b>     | 99942                                                     | 3,6                              |                                                  |                  |                      |                 |                               |
|                                                        | 105                                                   | 3150                                                | <b>14,02</b>     | 97350                                                     | 4,0                              |                                                  |                  |                      |                 |                               |
|                                                        | 111                                                   | 2989                                                | <b>13,30</b>     | 102064                                                    | 4,0                              |                                                  |                  |                      |                 |                               |
|                                                        | 42                                                    | 7977                                                | <b>34,89</b>     | 48915                                                     | 1,0                              | <b>MR773-3E225S/4C</b><br><b>NR773-3E225S/4C</b> | 65,70            | 619                  | 127             | IE3                           |
|                                                        | 48                                                    | 7121                                                | <b>31,11</b>     | 52098                                                     | 1,1                              |                                                  |                  | 730                  |                 |                               |
|                                                        | 49                                                    | 6861                                                | <b>30,00</b>     | 52994                                                     | 1,2                              |                                                  |                  |                      |                 |                               |
|                                                        | 57                                                    | 5952                                                | <b>25,99</b>     | 55899                                                     | 1,3                              |                                                  |                  |                      |                 |                               |
|                                                        | 65                                                    | 5187                                                | <b>22,62</b>     | 58099                                                     | 1,5                              |                                                  |                  |                      |                 |                               |
|                                                        | 76                                                    | 4476                                                | <b>19,52</b>     | 60422                                                     | 1,7                              |                                                  |                  |                      |                 |                               |
|                                                        | 85                                                    | 3996                                                | <b>17,40</b>     | 62238                                                     | 1,9                              |                                                  |                  |                      |                 |                               |





## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                 | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı | IE3<br>Güv. Rad. Yük<br>Çıkış | IE3<br>Servis Faktörü | Tipi            | Anma<br>Akımı    | Ağırlık | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|---------------------|-----------------------------|------------------------------|--------------|-------------------------------|-----------------------|-----------------|------------------|---------|-----------------|-------------------------------|
| Power               | Output<br>Speeds            | Output<br>Torque             | Ratio        | Per.O. Loads<br>(Output)      | Service<br>Factors    | Type            | Rated<br>Current | Weight  | Dim. Page       | Motor<br>Eff. Class           |
| Leistung            | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Übersetzung  | Zul.Querkräfte<br>(Abtrieb)   | Betriebsfaktor        | Typ             | Nennstrom        | Gewicht | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW] | n <sub>2</sub> [r.p.m]      | M <sub>2</sub> [Nm]          | i            | F <sub>qam</sub> [N]          | f <sub>s</sub>        |                 | [A]              | [kg]    |                 |                               |
| 37                  | 102                         | 3372                         | 14,54        | 63785                         | 2,2                   | MR772-3E225S/4C | 65,70            | 610     | 127             | IE3                           |
| 50                  | 114                         | 3014                         | 12,98        | 65037                         | 2,4                   | NR772-3E225S/4C |                  | 720     |                 |                               |
|                     | 127                         | 2709                         | 11,65        | 66028                         | 2,5                   |                 |                  |         |                 |                               |
|                     | 134                         | 2555                         | 11,00        | 66517                         | 2,6                   |                 |                  |         |                 |                               |
|                     | 154                         | 2236                         | 9,62         | 67520                         | 2,9                   |                 |                  |         |                 |                               |
|                     | 175                         | 1968                         | 8,46         | 66564                         | 3,2                   |                 |                  |         |                 |                               |
|                     | 204                         | 1692                         | 7,26         | 63620                         | 2,8                   |                 |                  |         |                 |                               |
|                     | 227                         | 1520                         | 6,52         | 61453                         | 3,0                   |                 |                  |         |                 |                               |
|                     | 123                         | 2777                         | 11,97        | 15049                         | 1,1                   | MR672-3E225S/4C | 65,70            | 495     | 124             | IE3                           |
|                     | 139                         | 2466                         | 10,62        | 14892                         | 1,3                   | NR672-3E225S/4C |                  | 511     |                 |                               |
|                     | 156                         | 2200                         | 9,47         | 14701                         | 1,4                   |                 |                  |         |                 |                               |
|                     | 162                         | 2120                         | 9,13         | 14634                         | 1,4                   |                 |                  |         |                 |                               |
|                     | 187                         | 1838                         | 7,91         | 14339                         | 1,6                   |                 |                  |         |                 |                               |
|                     | 215                         | 1602                         | 6,88         | 14017                         | 1,8                   |                 |                  |         |                 |                               |
|                     | 258                         | 1334                         | 5,73         | 13209                         | 2,4                   |                 |                  |         |                 |                               |
|                     | 291                         | 1185                         | 5,08         | 12924                         | 2,5                   |                 |                  |         |                 |                               |
|                     | 326                         | 1058                         | 4,53         | 12637                         | 2,6                   |                 |                  |         |                 |                               |
|                     | 338                         | 1019                         | 4,37         | 12543                         | 2,6                   |                 |                  |         |                 |                               |
|                     | 390                         | 883                          | 3,79         | 12166                         | 2,7                   |                 |                  |         |                 |                               |
|                     | 449                         | 769                          | 3,29         | 11791                         | 2,8                   |                 |                  |         |                 |                               |
| 45                  | 24                          | 17159                        | 61,77        | 99890                         | 1,0                   | MR973-3E225M/4D | 80,00            | 1264    | 133             | IE3                           |
| 60                  | 27                          | 15241                        | 54,80        | 110125                        | 1,2                   | NR973-3E225M/4D |                  | 1314    |                 |                               |
|                     | 30                          | 13605                        | 48,86        | 117766                        | 1,3                   |                 |                  |         |                 |                               |
|                     | 35                          | 11790                        | 42,30        | 125294                        | 1,5                   |                 |                  |         |                 |                               |
|                     | 40                          | 10409                        | 37,29        | 130457                        | 1,7                   |                 |                  |         |                 |                               |
|                     | 45                          | 9246                         | 33,08        | 134468                        | 1,9                   |                 |                  |         |                 |                               |
|                     | 50                          | 8254                         | 29,49        | 137659                        | 2,2                   |                 |                  |         |                 |                               |
|                     | 57                          | 7280                         | 26,03        | 140631                        | 2,5                   |                 |                  |         |                 |                               |
|                     | 64                          | 6427                         | 22,95        | 143083                        | 2,8                   |                 |                  |         |                 |                               |
|                     | 73                          | 5709                         | 20,36        | 144221                        | 3,2                   |                 |                  |         |                 |                               |
|                     | 81                          | 5097                         | 18,15        | 140115                        | 3,5                   |                 |                  |         |                 |                               |
|                     | 32                          | 12613                        | 46,12        | 74597                         | 1,0                   | MR873-3E225M/4D | 80,00            | 875     | 130             | IE3                           |
|                     | 36                          | 11090                        | 40,55        | 82498                         | 1,2                   | NR873-3E225M/4D |                  | 879     |                 |                               |
|                     | 43                          | 9444                         | 34,53        | 89792                         | 1,4                   |                 |                  |         |                 |                               |
|                     | 49                          | 8304                         | 30,36        | 94247                         | 1,6                   |                 |                  |         |                 |                               |
|                     | 54                          | 7492                         | 27,39        | 97155                         | 1,7                   |                 |                  |         |                 |                               |
|                     | 62                          | 6529                         | 23,87        | 100203                        | 2,0                   |                 |                  |         |                 |                               |
|                     | 73                          | 5545                         | 20,28        | 99546                         | 2,3                   |                 |                  |         |                 |                               |
|                     | 83                          | 4876                         | 17,83        | 97866                         | 2,7                   |                 |                  |         |                 |                               |
|                     | 92                          | 4399                         | 16,09        | 96386                         | 3,0                   |                 |                  |         |                 |                               |
|                     | 105                         | 3834                         | 14,02        | 94251                         | 3,4                   |                 |                  |         |                 |                               |
|                     | 111                         | 3637                         | 13,30        | 100362                        | 3,6                   |                 |                  |         |                 |                               |
|                     | 127                         | 3170                         | 11,59        | 97147                         | 4,0                   |                 |                  |         |                 |                               |
|                     | 146                         | 2818                         | 10,09        | 95212                         | 4,0                   | MR872-3E225M/4D | 80,00            | 871     | 130             | IE3                           |
|                     | 167                         | 2477                         | 8,87         | 92101                         | 4,0                   | NR872-3E225M/4D |                  | 875     |                 |                               |
|                     | 196                         | 2110                         | 7,55         | 83381                         | 4,0                   |                 |                  |         |                 |                               |
|                     | 222                         | 1855                         | 6,64         | 81001                         | 4,0                   |                 |                  |         |                 |                               |
|                     | 246                         | 1674                         | 5,99         | 79097                         | 4,0                   |                 |                  |         |                 |                               |
|                     | 283                         | 1459                         | 5,22         | 76555                         | 4,0                   |                 |                  |         |                 |                               |
|                     | 298                         | 1384                         | 4,95         | 78185                         | 4,0                   |                 |                  |         |                 |                               |
|                     | 342                         | 1206                         | 4,32         | 75338                         | 4,0                   |                 |                  |         |                 |                               |
|                     | 57                          | 7245                         | 25,99        | 51679                         | 1,1                   | MR773-3E225M/4D | 80,00            | 631     | 127             | IE3                           |
|                     | 65                          | 6314                         | 22,62        | 54798                         | 1,3                   | NR773-3E225M/4D |                  | 741     |                 |                               |
|                     | 76                          | 5448                         | 19,52        | 57912                         | 1,4                   |                 |                  |         |                 |                               |
|                     | 85                          | 4864                         | 17,40        | 60147                         | 1,5                   |                 |                  |         |                 |                               |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış                       | IE3<br>Servis Faktörü            | Tipi            | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|-----------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio            | Per.O. Loads<br>(Output)                            | Service<br>Factors               | Type            | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ             | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| 45<br>60                                               | 102                                                   | 4104                                                | 14,54            | 62270                                               | 1,8                              | MR772-3E225M/4D | 80,00            | 621                  | 127             | IE3                           |
|                                                        | 114                                                   | 3668                                                | 12,98            | 63756                                               | 1,9                              | NR772-3E225M/4D |                  | 731                  |                 |                               |
|                                                        | 127                                                   | 3297                                                | 11,65            | 64959                                               | 2,1                              |                 |                  |                      |                 |                               |
|                                                        | 134                                                   | 3110                                                | 11,00            | 65547                                               | 2,2                              |                 |                  |                      |                 |                               |
|                                                        | 154                                                   | 2722                                                | 9,62             | 66742                                               | 2,4                              |                 |                  |                      |                 |                               |
|                                                        | 175                                                   | 2395                                                | 8,46             | 66950                                               | 2,6                              |                 |                  |                      |                 |                               |
|                                                        | 203                                                   | 2059                                                | 7,26             | 64002                                               | 2,3                              |                 |                  |                      |                 |                               |
|                                                        | 227                                                   | 1850                                                | 6,52             | 61796                                               | 2,4                              |                 |                  |                      |                 |                               |
|                                                        | 240                                                   | 1746                                                | 6,15             | 60656                                               | 2,5                              |                 |                  |                      |                 |                               |
|                                                        | 123                                                   | 3379                                                | 11,97            | 13782                                               | 0,9                              | MR672-3E225M/4D | 80,00            | 511                  | 124             | IE3                           |
|                                                        | 139                                                   | 3001                                                | 10,62            | 13768                                               | 1,0                              | NR672-3E225M/4D |                  | 526                  |                 |                               |
|                                                        | 156                                                   | 2678                                                | 9,47             | 13699                                               | 1,1                              |                 |                  |                      |                 |                               |
|                                                        | 162                                                   | 2580                                                | 9,13             | 13668                                               | 1,2                              |                 |                  |                      |                 |                               |
|                                                        | 187                                                   | 2238                                                | 7,91             | 13502                                               | 1,3                              |                 |                  |                      |                 |                               |
|                                                        | 215                                                   | 1949                                                | 6,88             | 13289                                               | 1,5                              |                 |                  |                      |                 |                               |
|                                                        | 258                                                   | 1624                                                | 5,73             | 12529                                               | 2,0                              |                 |                  |                      |                 |                               |
|                                                        | 291                                                   | 1442                                                | 5,08             | 12321                                               | 2,0                              |                 |                  |                      |                 |                               |
|                                                        | 326                                                   | 1287                                                | 4,53             | 12099                                               | 2,1                              |                 |                  |                      |                 |                               |
|                                                        | 338                                                   | 1240                                                | 4,37             | 12025                                               | 2,2                              |                 |                  |                      |                 |                               |
|                                                        | 390                                                   | 1075                                                | 3,79             | 11717                                               | 2,2                              |                 |                  |                      |                 |                               |
|                                                        | 448                                                   | 937                                                 | 3,29             | 11400                                               | 2,3                              |                 |                  |                      |                 |                               |
| 55<br>75                                               | 27                                                    | 18565                                               | 54,80            | 91281                                               | 1,0                              | MR973-3E250M/4D | 96,00            | 1470                 | 133             | IE3                           |
|                                                        | 30                                                    | 16573                                               | 48,86            | 103185                                              | 1,1                              | NR973-3E250M/4D |                  | 1520                 |                 |                               |
|                                                        | 35                                                    | 14362                                               | 42,30            | 114338                                              | 1,3                              |                 |                  |                      |                 |                               |
|                                                        | 40                                                    | 12679                                               | 37,29            | 121719                                              | 1,4                              |                 |                  |                      |                 |                               |
|                                                        | 45                                                    | 11263                                               | 33,08            | 127317                                              | 1,6                              |                 |                  |                      |                 |                               |
|                                                        | 50                                                    | 10054                                               | 29,49            | 131709                                              | 1,8                              |                 |                  |                      |                 |                               |
|                                                        | 57                                                    | 8868                                                | 26,03            | 135710                                              | 2,0                              |                 |                  |                      |                 |                               |
|                                                        | 65                                                    | 7829                                                | 22,95            | 138999                                              | 2,3                              |                 |                  |                      |                 |                               |
|                                                        | 73                                                    | 6955                                                | 20,36            | 141581                                              | 2,6                              |                 |                  |                      |                 |                               |
|                                                        | 82                                                    | 6209                                                | 18,15            | 137811                                              | 2,9                              |                 |                  |                      |                 |                               |
|                                                        | 91                                                    | 5596                                                | 16,23            | 135067                                              | 3,2                              | MR972-3E250M/4D | 96,00            | 1430                 | 133             | IE3                           |
|                                                        | 103                                                   | 4971                                                | 14,40            | 131013                                              | 3,6                              | NR972-3E250M/4D |                  | 1480                 |                 |                               |
|                                                        | 43                                                    | 11504                                               | 34,53            | 80469                                               | 1,1                              | MR873-3E250M/4D | 96,00            | 935                  | 130             | IE3                           |
|                                                        | 49                                                    | 10115                                               | 30,36            | 86955                                               | 1,3                              | NR873-3E250M/4D |                  | 940                  |                 |                               |
|                                                        | 54                                                    | 9127                                                | 27,39            | 91078                                               | 1,4                              |                 |                  |                      |                 |                               |
|                                                        | 62                                                    | 7953                                                | 23,87            | 94730                                               | 1,6                              |                 |                  |                      |                 |                               |
|                                                        | 73                                                    | 6755                                                | 20,28            | 93920                                               | 1,9                              |                 |                  |                      |                 |                               |
|                                                        | 83                                                    | 5939                                                | 17,83            | 92909                                               | 2,2                              |                 |                  |                      |                 |                               |
|                                                        | 92                                                    | 5359                                                | 16,09            | 91905                                               | 2,4                              |                 |                  |                      |                 |                               |
|                                                        | 106                                                   | 4670                                                | 14,02            | 90336                                               | 2,8                              |                 |                  |                      |                 |                               |
|                                                        | 111                                                   | 4430                                                | 13,30            | 98164                                               | 2,9                              |                 |                  |                      |                 |                               |
|                                                        | 128                                                   | 3861                                                | 11,59            | 95221                                               | 3,3                              |                 |                  |                      |                 |                               |
|                                                        | 147                                                   | 3432                                                | 10,09            | 93806                                               | 3,4                              | MR872-3E250M/4D | 96,00            | 930                  | 130             | IE3                           |
|                                                        | 167                                                   | 3018                                                | 8,87             | 90856                                               | 3,7                              | NR872-3E250M/4D |                  | 935                  |                 |                               |
|                                                        | 196                                                   | 2570                                                | 7,55             | 81238                                               | 4,0                              |                 |                  |                      |                 |                               |
|                                                        | 223                                                   | 2260                                                | 6,64             | 79109                                               | 4,0                              |                 |                  |                      |                 |                               |
|                                                        | 247                                                   | 2039                                                | 5,99             | 77384                                               | 4,0                              |                 |                  |                      |                 |                               |
|                                                        | 284                                                   | 1777                                                | 5,22             | 75055                                               | 4,0                              |                 |                  |                      |                 |                               |
|                                                        | 299                                                   | 1686                                                | 4,95             | 77325                                               | 4,0                              |                 |                  |                      |                 |                               |
|                                                        | 343                                                   | 1469                                                | 4,32             | 74581                                               | 4,0                              |                 |                  |                      |                 |                               |

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## Motorlu Güç Devir Sayfaları

### Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                 | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı | IE3<br>Güv. Rad. Yük<br>Çıkış | IE3<br>Servis Faktörü | Tipi            | Anma<br>Akımı    | Ağırlık | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|---------------------|-----------------------------|------------------------------|--------------|-------------------------------|-----------------------|-----------------|------------------|---------|-----------------|-------------------------------|
| Power               | Output<br>Speeds            | Output<br>Torque             | Ratio        | Per.O. Loads<br>(Output)      | Service<br>Factors    | Type            | Rated<br>Current | Weight  | Dim. Page       | Motor<br>Eff. Class           |
| Leistung            | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Übersetzung  | Zul.Querkräfte<br>(Abtrieb)   | Betriebsfaktor        | Typ             | Nennstrom        | Gewicht | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| P <sub>g</sub> [kW] | n <sub>2</sub> [r.p.m]      | M <sub>2</sub> [Nm]          | i            | F <sub>qam</sub> [N]          | f <sub>s</sub>        |                 | [A]              | [kg]    |                 |                               |
| 55                  | 66                          | 7691                         | 22,62        | 50040                         | 1,0                   | MR773-3E250M/4D | 96,00            | 652     | 127             | IE3                           |
| 75                  | 76                          | 6637                         | 19,52        | 54372                         | 1,2                   | NR773-3E250M/4D |                  | 780     |                 |                               |
|                     | 85                          | 5925                         | 17,40        | 57388                         | 1,3                   |                 |                  |         |                 |                               |
|                     | 102                         | 5000                         | 14,54        | 60112                         | 1,5                   | MR772-3E250M/4D | 96,00            | 622     | 127             | IE3                           |
|                     | 114                         | 4469                         | 12,98        | 61998                         | 1,6                   | NR772-3E250M/4D |                  | 750     |                 |                               |
|                     | 127                         | 4016                         | 11,65        | 63534                         | 1,7                   |                 |                  |         |                 |                               |
|                     | 135                         | 3788                         | 11,00        | 64258                         | 1,8                   |                 |                  |         |                 |                               |
|                     | 154                         | 3316                         | 9,62         | 65717                         | 2,0                   |                 |                  |         |                 |                               |
|                     | 175                         | 2918                         | 8,46         | 66864                         | 2,1                   |                 |                  |         |                 |                               |
|                     | 204                         | 2508                         | 7,26         | 64406                         | 1,9                   |                 |                  |         |                 |                               |
|                     | 227                         | 2254                         | 6,52         | 62155                         | 2,0                   |                 |                  |         |                 |                               |
|                     | 241                         | 2126                         | 6,15         | 60992                         | 2,0                   |                 |                  |         |                 |                               |
| 75                  | 40                          | 17233                        | 37,29        | 99467                         | 1,0                   | MR973-4E280S/4D | 127,0            | 1661    | 133             | IE4                           |
| 97                  | 45                          | 15308                        | 33,08        | 109791                        | 1,2                   | NR973-4E280S/4D |                  | 1711    |                 |                               |
|                     | 50                          | 13665                        | 29,49        | 117497                        | 1,3                   |                 |                  |         |                 |                               |
|                     | 57                          | 12053                        | 26,03        | 124256                        | 1,5                   |                 |                  |         |                 |                               |
|                     | 65                          | 10641                        | 22,95        | 129617                        | 1,7                   |                 |                  |         |                 |                               |
|                     | 73                          | 9453                         | 20,36        | 133773                        | 1,9                   |                 |                  |         |                 |                               |
|                     | 82                          | 8439                         | 18,15        | 133347                        | 2,1                   |                 |                  |         |                 |                               |
|                     | 92                          | 7606                         | 16,23        | 131419                        | 2,4                   | MR972-4E280S/4D | 127,0            | 1621    | 133             | IE4                           |
|                     | 103                         | 6756                         | 14,40        | 127765                        | 2,7                   | NR972-4E280S/4D |                  | 1661    |                 |                               |
|                     | 116                         | 6041                         | 12,86        | 124330                        | 3,0                   |                 |                  |         |                 |                               |
|                     | 129                         | 5432                         | 11,56        | 121086                        | 3,3                   |                 |                  |         |                 |                               |
|                     | 149                         | 4697                         | 9,99         | 115903                        | 2,6                   |                 |                  |         |                 |                               |
|                     | 168                         | 4172                         | 8,86         | 112471                        | 2,7                   |                 |                  |         |                 |                               |
|                     | 188                         | 3731                         | 7,92         | 109274                        | 2,9                   |                 |                  |         |                 |                               |
|                     | 209                         | 3354                         | 7,11         | 106276                        | 3,0                   |                 |                  |         |                 |                               |
|                     | 54                          | 12403                        | 27,39        | 75762                         | 1,0                   | MR873-4E280S/4D | 127,0            | 1041    | 130             | IE4                           |
|                     | 62                          | 10809                        | 23,87        | 81614                         | 1,2                   | NR873-4E280S/4D |                  | 1046    |                 |                               |
|                     | 73                          | 9180                         | 20,28        | 82767                         | 1,4                   |                 |                  |         |                 |                               |
|                     | 83                          | 8071                         | 17,83        | 83092                         | 1,6                   |                 |                  |         |                 |                               |
|                     | 92                          | 7283                         | 16,09        | 83039                         | 1,8                   |                 |                  |         |                 |                               |
|                     | 106                         | 6347                         | 14,02        | 82599                         | 2,0                   |                 |                  |         |                 |                               |
|                     | 112                         | 6021                         | 13,30        | 93867                         | 2,2                   |                 |                  |         |                 |                               |
|                     | 128                         | 5247                         | 11,59        | 91468                         | 2,4                   |                 |                  |         |                 |                               |
|                     | 147                         | 4665                         | 10,09        | 91091                         | 2,5                   | MR872-4E280S/4D | 127,0            | 1036    | 130             | IE4                           |
|                     | 168                         | 4101                         | 8,87         | 88460                         | 2,7                   | NR872-4E280S/4D |                  | 1041    |                 |                               |
|                     | 197                         | 3493                         | 7,55         | 77035                         | 3,0                   |                 |                  |         |                 |                               |
|                     | 224                         | 3071                         | 6,64         | 75407                         | 3,3                   |                 |                  |         |                 |                               |
|                     | 248                         | 2771                         | 5,99         | 74037                         | 3,6                   |                 |                  |         |                 |                               |
|                     | 285                         | 2415                         | 5,22         | 72130                         | 4,0                   |                 |                  |         |                 |                               |
|                     | 300                         | 2291                         | 4,95         | 75684                         | 3,9                   |                 |                  |         |                 |                               |
|                     | 344                         | 1996                         | 4,32         | 73144                         | 4,0                   |                 |                  |         |                 |                               |
| 90                  | 50                          | 16388                        | 29,49        | 104131                        | 1,1                   | MR973-4E280M/4E | 152,0            | 1768    | 133             | IE4                           |
| 117                 | 57                          | 14454                        | 26,03        | 113862                        | 1,2                   | NR973-4E280M/4E |                  | 1818    |                 |                               |
|                     | 65                          | 12761                        | 22,95        | 121338                        | 1,4                   |                 |                  |         |                 |                               |
|                     | 73                          | 11336                        | 20,36        | 127007                        | 1,6                   |                 |                  |         |                 |                               |
|                     | 82                          | 10120                        | 18,15        | 130083                        | 1,8                   |                 |                  |         |                 |                               |



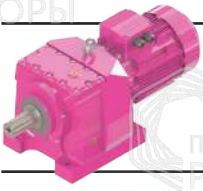


## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri                                    | IE3<br>Çıkış Momenti                                | Çevrim Oranı     | IE3<br>Güv. Rad. Yük<br>Çıkış                       | IE3<br>Servis Faktörü            | Tipi                                             | Anma<br>Akımı    | Ağırlık              | Ölçü<br>Sayfası | Motor<br>Verim Snf.           |
|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------|----------------------------------|--------------------------------------------------|------------------|----------------------|-----------------|-------------------------------|
| Power                                                  | Output<br>Speeds                                      | Output<br>Torque                                    | Ratio            | Per.O. Loads<br>(Output)                            | Service<br>Factors               | Type                                             | Rated<br>Current | Weight               | Dim. Page       | Motor<br>Eff. Class           |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | Abtriebswelle<br>Drehzahlen<br>n <sub>2</sub> [r.p.m] | Abtriebswelle<br>Drehmomente<br>M <sub>2</sub> [Nm] | Übersetzung<br>i | Zul.Querkräfte<br>(Abtrieb)<br>F <sub>qam</sub> [N] | Betriebsfaktor<br>f <sub>s</sub> | Typ                                              | Nennstrom<br>[A] | Gewicht<br>~<br>[kg] | Maße Seite      | Motor<br>Effizienz-<br>klasse |
| <b>90</b><br>117                                       | 92                                                    | 9122                                                | <b>16,23</b>     | 128770                                              | 2,0                              | <b>MR972-4E280M/4E</b><br><b>NR972-4E280M/4E</b> | 152,0            | 1728                 | 133             | IE4                           |
|                                                        | 103                                                   | 8103                                                | <b>14,40</b>     | 125414                                              | 2,2                              |                                                  |                  | 1778                 |                 |                               |
|                                                        | 116                                                   | 7245                                                | <b>12,86</b>     | 122231                                              | 2,5                              |                                                  |                  |                      |                 |                               |
|                                                        | 129                                                   | 6514                                                | <b>11,56</b>     | 119200                                              | 2,8                              |                                                  |                  |                      |                 |                               |
|                                                        | 149                                                   | 5633                                                | <b>9,99</b>      | 114107                                              | 2,2                              |                                                  |                  |                      |                 |                               |
|                                                        | 168                                                   | 5004                                                | <b>8,86</b>      | 110878                                              | 2,3                              |                                                  |                  |                      |                 |                               |
|                                                        | 188                                                   | 4474                                                | <b>7,92</b>      | 107851                                              | 2,4                              |                                                  |                  |                      |                 |                               |
|                                                        | 209                                                   | 4022                                                | <b>7,11</b>      | 104997                                              | 2,5                              |                                                  |                  |                      |                 |                               |
|                                                        | 73                                                    | 11009                                               | <b>20,28</b>     | 74419                                               | 1,2                              | <b>MR873-4E280M/4E</b><br><b>NR873-4E280M/4E</b> | 152,0            | 1168                 | 130             | IE4                           |
|                                                        | 83                                                    | 9679                                                | <b>17,83</b>     | 75752                                               | 1,3                              |                                                  |                  | 1173                 |                 |                               |
|                                                        | 93                                                    | 8734                                                | <b>16,09</b>     | 76416                                               | 1,5                              |                                                  |                  |                      |                 |                               |
|                                                        | 106                                                   | 7611                                                | <b>14,02</b>     | 76828                                               | 1,7                              |                                                  |                  |                      |                 |                               |
|                                                        | 112                                                   | 7221                                                | <b>13,30</b>     | 90699                                               | 1,8                              |                                                  |                  |                      |                 |                               |
|                                                        | 128                                                   | 6292                                                | <b>11,59</b>     | 88706                                               | 2,0                              |                                                  |                  |                      |                 |                               |
|                                                        | 148                                                   | 5594                                                | <b>10,09</b>     | 89112                                               | 2,1                              | <b>MR872-4E280M/4E</b><br><b>NR872-4E280M/4E</b> | 152,0            | 1163                 | 130             | IE4                           |
|                                                        | 168                                                   | 4918                                                | <b>8,87</b>      | 86721                                               | 2,3                              |                                                  |                  | 1168                 |                 |                               |
|                                                        | 197                                                   | 4189                                                | <b>7,55</b>      | 73925                                               | 2,5                              |                                                  |                  |                      |                 |                               |
|                                                        | 224                                                   | 3683                                                | <b>6,64</b>      | 72672                                               | 2,8                              |                                                  |                  |                      |                 |                               |
|                                                        | 248                                                   | 3323                                                | <b>5,99</b>      | 71570                                               | 3,0                              |                                                  |                  |                      |                 |                               |
|                                                        | 285                                                   | 2896                                                | <b>5,22</b>      | 69980                                               | 3,3                              |                                                  |                  |                      |                 |                               |
|                                                        | 300                                                   | 2747                                                | <b>4,95</b>      | 74505                                               | 3,3                              |                                                  |                  |                      |                 |                               |
|                                                        | 345                                                   | 2394                                                | <b>4,32</b>      | 72116                                               | 3,6                              |                                                  |                  |                      |                 |                               |
| <b>110</b><br>150                                      | 65                                                    | 15577                                               | <b>22,95</b>     | 108281                                              | 1,2                              | <b>MR973-4E315S/4D</b><br><b>NR973-4E315S/4D</b> | 187,0            | 2013                 | 133             | IE4                           |
|                                                        | 73                                                    | 13837                                               | <b>20,36</b>     | 116605                                              | 1,3                              |                                                  |                  | 2063                 |                 |                               |
|                                                        | 82                                                    | 12353                                               | <b>18,15</b>     | 122950                                              | 1,5                              |                                                  |                  |                      |                 |                               |
|                                                        | 92                                                    | 11134                                               | <b>16,23</b>     | 125205                                              | 1,6                              | <b>MR972-4E315S/4D</b><br><b>NR972-4E315S/4D</b> | 187,0            | 1973                 | 133             | IE4                           |
|                                                        | 103                                                   | 9890                                                | <b>14,40</b>     | 122246                                              | 1,8                              |                                                  |                  | 2023                 |                 |                               |
|                                                        | 116                                                   | 8844                                                | <b>12,86</b>     | 119396                                              | 2,0                              |                                                  |                  |                      |                 |                               |
|                                                        | 129                                                   | 7951                                                | <b>11,56</b>     | 116650                                              | 2,3                              |                                                  |                  |                      |                 |                               |
|                                                        | 149                                                   | 6876                                                | <b>9,99</b>      | 111679                                              | 1,8                              |                                                  |                  |                      |                 |                               |
|                                                        | 168                                                   | 6108                                                | <b>8,86</b>      | 108720                                              | 1,9                              |                                                  |                  |                      |                 |                               |
|                                                        | 188                                                   | 5462                                                | <b>7,92</b>      | 105919                                              | 2,0                              |                                                  |                  |                      |                 |                               |
|                                                        | 209                                                   | 4910                                                | <b>7,11</b>      | 103259                                              | 2,0                              |                                                  |                  |                      |                 |                               |
| <b>132</b><br>180                                      | 73                                                    | 16605                                               | <b>20,36</b>     | 102822                                              | 1,1                              | <b>MR973-4E315M/4E</b><br><b>NR973-4E315M/4E</b> | 225,0            | 2111                 | 133             | IE4                           |
|                                                        | 82                                                    | 14824                                               | <b>18,15</b>     | 112011                                              | 1,2                              |                                                  |                  | 2161                 |                 |                               |
|                                                        | 92                                                    | 13362                                               | <b>16,23</b>     | 118708                                              | 1,3                              | <b>MR972-4E315M/4E</b><br><b>NR972-4E315M/4E</b> | 225,0            | 2071                 | 133             | IE4                           |
|                                                        | 103                                                   | 11869                                               | <b>14,40</b>     | 118803                                              | 1,5                              |                                                  |                  | 2121                 |                 |                               |
|                                                        | 116                                                   | 10613                                               | <b>12,86</b>     | 116321                                              | 1,7                              |                                                  |                  |                      |                 |                               |
|                                                        | 129                                                   | 9542                                                | <b>11,56</b>     | 113887                                              | 1,9                              |                                                  |                  |                      |                 |                               |
|                                                        | 149                                                   | 8252                                                | <b>9,99</b>      | 109049                                              | 1,5                              |                                                  |                  |                      |                 |                               |
|                                                        | 168                                                   | 7330                                                | <b>8,86</b>      | 106386                                              | 1,6                              |                                                  |                  |                      |                 |                               |
|                                                        | 188                                                   | 6554                                                | <b>7,92</b>      | 103834                                              | 1,6                              |                                                  |                  |                      |                 |                               |
|                                                        | 209                                                   | 5892                                                | <b>7,11</b>      | 101386                                              | 1,7                              |                                                  |                  |                      |                 |                               |
| <b>160</b><br>218                                      | 103                                                   | 14387                                               | <b>14,40</b>     | 114086                                              | 1,3                              | <b>MR972-4E315L/4F</b><br><b>NR972-4E315L/4F</b> | 269,0            | 2274                 | 133             | IE4                           |
|                                                        | 116                                                   | 12865                                               | <b>12,86</b>     | 112393                                              | 1,4                              |                                                  |                  | 2324                 |                 |                               |
|                                                        | 129                                                   | 11566                                               | <b>11,56</b>     | 110358                                              | 1,6                              |                                                  |                  |                      |                 |                               |
|                                                        | 149                                                   | 10003                                               | <b>9,99</b>      | 105688                                              | 1,2                              |                                                  |                  |                      |                 |                               |
|                                                        | 168                                                   | 8885                                                | <b>8,86</b>      | 103402                                              | 1,3                              |                                                  |                  |                      |                 |                               |
|                                                        | 188                                                   | 7945                                                | <b>7,92</b>      | 101167                                              | 1,3                              |                                                  |                  |                      |                 |                               |
|                                                        |                                                       |                                                     |                  |                                                     |                                  |                                                  |                  |                      |                 |                               |



## Motorlu Güç Devir Sayfaları Geared Motors Performance Tables

### Leistung und Drehzahlübersicht von Getriebemotoren



| Güç                                                    | IE3<br>Çıkış Devri          | IE3<br>Çıkış Momenti         | Çevrim Oranı         | IE3<br>Güv. Rad. Yük<br>Çıkış<br>Per.O. Loads<br>(Output) | IE3<br>Servis Faktörü                | Tipi                               | Anma<br>Akımı                 | Ağırlık           | Ölçü<br>Sayfası         | Motor<br>Verim Snf.                                  |
|--------------------------------------------------------|-----------------------------|------------------------------|----------------------|-----------------------------------------------------------|--------------------------------------|------------------------------------|-------------------------------|-------------------|-------------------------|------------------------------------------------------|
| Power<br>Output<br>Speeds                              | Abtriebswelle<br>Drehzahlen | Abtriebswelle<br>Drehmomente | Ratio<br>Übersetzung | Zul.Querkräfte<br>(Abtrieb)                               | Service<br>Factors<br>Betriebsfaktor | Type                               | Rated<br>Current<br>Nennstrom | Weight<br>Gewicht | Dim. Page<br>Maße Seite | Motor<br>Eff. Class<br>Motor<br>Effizienz-<br>klasse |
| Leistung<br>P <sub>g</sub> [kW]<br>P <sub>g</sub> [HP] | n <sub>2</sub> [r.p.m]      | M <sub>2</sub> [Nm]          | i                    | F <sub>qam</sub> [N]                                      | f <sub>s</sub>                       |                                    | [A]                           | [kg]              |                         |                                                      |
| 160<br>218                                             | 209                         | 7152                         | 7,11                 | 98988                                                     | 1,4                                  | MR972-4E315L/4F<br>NR972-4E315L/4F | 269,0                         | 2274<br>2324      | 133                     | IE4                                                  |