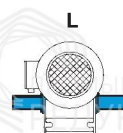
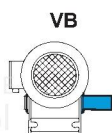


Overview of versions (⇒ A23-28 mounting variants)

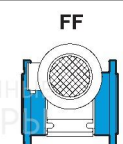
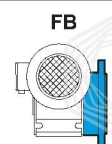
Basic version



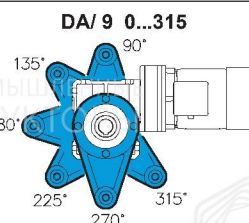
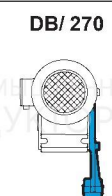
Plug-in shaft



Flange B5



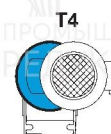
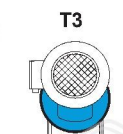
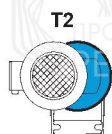
Torque support



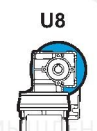
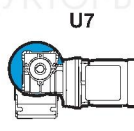
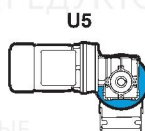
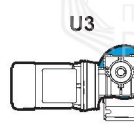
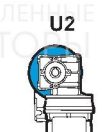
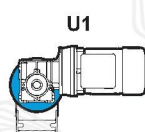
Covering cap



Helical gear input stage H10

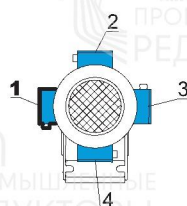


Double worm gear input stage

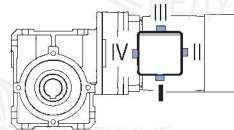


Terminal box

KK1/I, K K 2/I, K K 8/I,4/I



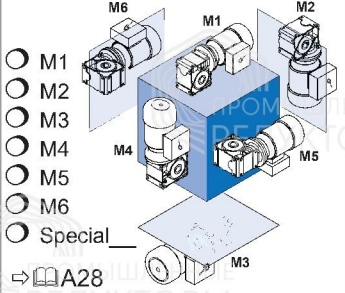
Cable gland n_g KK1/I, K K 1/II, K KK1/II, 1/IV





Order check list

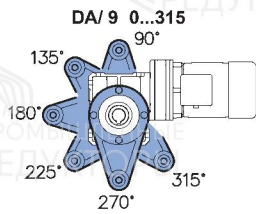
UNIVERSAL SI worm gear motors

SK	Gear units	Size	Gear unit options	Input	Motor	Motor options																																														
	1SI			-																																																
UNIVERSAL Version		Size	Gear unit options	See catalogue M7000																																																
Mounting position for venting option		☐ 31 ☐ 40 ☐ 40/H10 ☐ 40/31 ☐ 50 ☐ 50/H10 ☐ 50/31 ☐ 63 ☐ 63/H10 ☐ 63/31 ☐ 75 ☐ 75/40	☐ V - single side plug-in shaft ☐ VA ☐ VB ☐ L - plug-in shaft, both sides ☐ VF - plug-in shaft, output flange B5 ☐ VFA ☐ VFB ☐ F - output flange B5 ☐ FA ☐ FB ☐ FF ☐ D - Torque support ☐ DA ☐ DB ☐ H - cover ☐ HA ☐ HB ☐ Vent ☐ Pressure vent																																																	
																																																				
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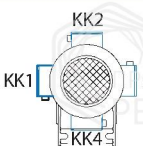
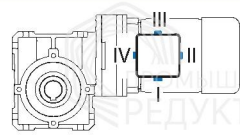
Product specifications

Worms		Helical worm SI_/H10		Double worm SID_/31 or SI 75/40		Painting	Direction of torque support (if selected)	
Speed ratios	Version	Speed ratios	Version	Speed ratios	Version			
☐ 5	☐ T1	☐ 50	☐ T1	☐ 150	☐ U1	☐ Unpainted (standard)	☐ 90°	☐ 225°
☐ 7,5	☐ T2	☐ 75	☐ T2	☐ 225	☐ U2	☐ NSD TupH	☐ 135°	☐ 270°
☐ 10	☐ T3	☐ 100	☐ T3	☐ 300	☐ U3	☐ Paint type _____	☐ 180°	☐ 315°
☐ 12,5	☐ T4	☐ 125	☐ T4	☐ 375	☐ U4	Colour _____		
☐ 15		☐ 150		☐ 450	☐ U5			
☐ 20		☐ 200		☐ 600	☐ U6			
☐ 25		☐ 250		☐ 750	☐ U7			
☐ 30		☐ 300		☐ 900	☐ U8			
☐ 40		☐ 400		☐ 1200				
☐ 50		☐ 500		☐ 1500				
☐ 60		☐ 600		☐ 1800				
☐ 80		☐ 800		☐ 2400				
☐ 100		☐ 1000		☐ 3000				

Output flange B5 versions (if selected)
☐ F I round flange, externally centred
☐ F II square flange, internally centred
☐ F III square flange, externally centred



Details of geared motor only

Voltage/Frequency	Terminal box position	Cable gland
☐ 230/400V - 50 Hz ☐ 400/690V - 50 Hz ☐ Other _____	☐ KK1 ☐ KK2 ☐ KK3 ☐ KK4 	☐ I* ☐ II ☐ III* ☐ IV  * Brake motor options

Order check list



UNIVERSAL SI worm gear units

Gear units Size Gear unit options - Input

SK 1SI

UNIVERSAL
Version

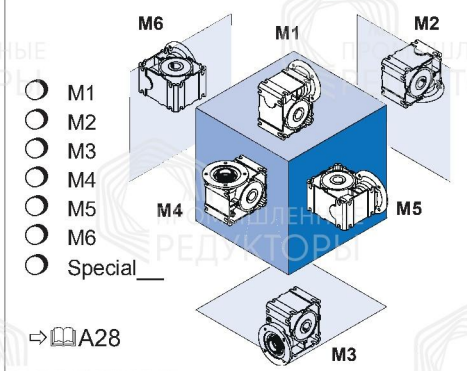
Size

- ☐ 31
- ☐ 40
- ☐ 40/H10
- ☐ 40/31
- ☐ 50
- ☐ 50/H10
- ☐ 50/31
- ☐ 63
- ☐ 63/H10
- ☐ 63/31
- ☐ 75
- ☐ 75/40

Gear unit options

- ☐ V - single side plug-in shaft
 - ☐ VA ☐ VB
- ☐ L - plug-in shaft, both sides
- ☐ VF - plug-in shaft, output flange B5
 - ☐ VFA ☐ VFB
- ☐ F - output flange B5
 - ☐ FA ☐ FB ☐ FF
- ☐ D - Torque support
 - ☐ DA ☐ DB
- ☐ H - cover
 - ☐ HA ☐ HB
- ☐ Vent
- ☐ Pressure vent

Mounting position for venting option



Input options

- | | | |
|------------------------------|--------------------------------|--|
| ☐ W | | |
| ☐ IEC56 | ☐ B14 C105 | ☐ B5 A120 |
| ☐ IEC63 | ☐ B14 C90 | ☐ B14 C120 ☐ B5 A140 |
| ☐ IEC71 | ☐ B14 C105 | ☐ B14 C140 ☐ B5 A160 |
| ☐ IEC80 | ☐ B14 C120 | ☐ B14 C160 ☐ B5 A200 |
| ☐ IEC90 | ☐ B14 C140 | ☐ B14 C160 ☐ B5 A200 |
| ☐ IEC100 | ☐ B14 C160 | ☐ B14 C200 ☐ B5 A250 |
| ☐ IEC112 | ☐ B14 C160 | ☐ B14 C200 ☐ B5 A250 |

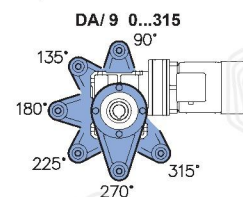
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☐ 15		☐ 150		☐ 450	☐ U5
☐ 20		☐ 200		☐ 600	☐ U6
☐ 25		☐ 250		☐ 750	☐ U7
☐ 30		☐ 300		☐ 900	☐ U8
☐ 40		☐ 400		☐ 1200	
☐ 50		☐ 500		☐ 1500	
☐ 60		☐ 600		☐ 1800	
☐ 80		☐ 800		☐ 2400	
☐ 100		☐ 1000		☐ 3000	

Painting	Direction of torque support (if selected)	
☐ Unpainted (standard) ☐ NSD TupH ☐ Paint type _____ Colour _____	☐ 90° ☐ 135° ☐ 180°	☐ 225° ☐ 270° ☐ 315°

Output flange B5 versions (if selected)

- ☐ F I round flange, externally centred
- ☐ F II square flange, internally centred
- ☐ FIII square flange, externally centred





Order check list

UNIVERSAL SMI worm gear motors

Gear units	Size	Gear unit options	Input	Motor	Motor options																																																												
SK	1SMI	X	-																																																														
UNIVERSAL Version		Gear unit options ☐ V - single side solid shaft ☐ VA ☐ VB ☐ L - solid shaft, both sides ☐ Vent ☐ Pressure vent			See catalogue M7000																																																												
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112M/4 - 4kW		112M/4 BRE40 - 4kW																																																															

Product specifications

Worms			Helical worm SMI_/H10		Double worm gear SMI_/31 or SMI 75/40		Painting
Speed ratios	Speed ratios	Version	Speed ratios	Version	Speed ratios	Version	
☐ 5	☐ 50	☐ T1	☐ 150	☐ U1	☐ 150	☐ U1	☐ Unpainted (standard) ☐ NSD TupH ☐ Paint type _____ Colour _____
☐ 7.5	☐ 75	☐ T2	☐ 225	☐ U2	☐ 225	☐ U2	
☐ 10	☐ 100	☐ T3	☐ 300	☐ U3	☐ 300	☐ U3	
☐ 12.5	☐ 125	☐ T4	☐ 375	☐ U4	☐ 375	☐ U4	
☐ 15	☐ 150		☐ 450	☐ U5	☐ 450	☐ U5	
☐ 20	☐ 200		☐ 600	☐ U6	☐ 600	☐ U6	
☐ 25	☐ 250		☐ 750	☐ U7	☐ 750	☐ U7	
☐ 30	☐ 300		☐ 900	☐ U8	☐ 900	☐ U8	
☐ 40	☐ 400		☐ 1200		☐ 1200		
☐ 50	☐ 500		☐ 1500		☐ 1500		
☐ 60	☐ 600		☐ 1800		☐ 1800		
☐ 80	☐ 800		☐ 2400		☐ 2400		
☐ 100	☐ 1000		☐ 3000		☐ 3000		

Details of geared motor only

Voltage/Frequency	Terminal box position	Cable gland
☐ 230/400V - 50 Hz ☐ 400/690V - 50 Hz ☐ Other _____	☐ KK1 ☐ KK2 ☐ KK3 ☐ KK4 	☐ I* ☐ II ☐ III* ☐ IV * Brake motor options

Order check list



UNIVERSAL SMI worm gear motors

Gear units	Size	Gear unit options	Input	Motor	Motor options		
SK	1SMI	Z	-	-			
UNIVERSAL Version		Size ☐ 31 ☐ 40 ☐ 40/H10 ☐ 40/31 ☐ 50 ☐ 50/H10 ☐ 50/31 ☐ 63 ☐ 63/H10 ☐ 63/31 ☐ 75 ☐ 75/40	Gear unit options ☐ V - single side solid shaft ☐ VA ☐ VB ☐ L - solid shaft, both sides ☐ VF - solid shaft, output flange B5 ☐ VFA ☐ VFB ☐ F - output flange B5 ☐ FA ☐ FB ☐ FF ☐ D - Torque support ☐ DA ☐ DB ☐ H - cover ☐ HA ☐ HB ☐ Vent ☐ Pressure vent			See catalogue M7000	

Mounting position for venting option

☐ M1
☐ M2
☐ M3
☐ M4
☐ M5
☐ M6
☐ Special _____
☐ A28

NEMA - see USA catalogue
www.2.nord.com
 - Heading DOCUMENTATION

NEMA Adapter	IEC
N48C	IEC 63
N56C	IEC 71
N140TC	IEC 80
N180TC	IEC 90
	IEC 100
	IEC 112

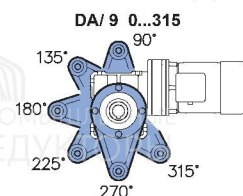
Motors	Energy efficient motors	Brake motors	Energy efficient brake motors
63S/4 - 0.12kW 63L/4 - 0.18kW 71S/4 - 0.25kW 71L/4 - 0.37kW 80S/4 - 0.55kW 80L/4 - 0.75kW 90S/4 - 1.1kW 90L/4 - 1.5kW 100L/4 - 2.2kW 100A/4 - 3kW 112M/4 - 4kW	80SH/4 - 0.55kW 80LH/4 - 0.75kW 90SH/4 - 1.1kW 90LH/4 - 1.5kW 100LH/4 - 2.2kW 100AH/4 - 3kW 112MH/4 - 4kW	63S/4 BRE 5 - 0.12kW 63L/4 BRE 5 - 0.18kW 71S/4 BRE 5 - 0.25kW 71L/4 BRE 5 - 0.37kW 80S/4 BRE 5 - 0.55kW 80L/4 BRE10 - 0.75kW 90S/4 BRE10 - 1.1kW 90L/4 BRE20 - 1.5kW 100L/4 BRE20 - 2.2kW 100A/4 BRE40 - 3kW 112M/4 BRE40 - 4kW	80SH/4 BRE 5 - 0.55kW 80LH/4 BRE10 - 0.75kW 90SH/4 BRE10 - 1.1kW 90LH/4 BRE20 - 1.5kW 100LH/4 BRE20 - 2.2kW 100AH/4 BRE40 - 3kW 112MH/4 BRE40 - 4kW

Product specifications

Worms	Helical worm SMI_/H10	Double worm gear SMI_/31 or SMI 75/40
Speed ratios	Speed ratios	Version
☐ 5 ☐ 7,5 ☐ 10 ☐ 12,5 ☐ 15 ☐ 20 ☐ 25 ☐ 30 ☐ 40 ☐ 50 ☐ 60 ☐ 80 ☐ 100	☐ 50 ☐ 75 ☐ 100 ☐ 125 ☐ 150 ☐ 200 ☐ 250 ☐ 300 ☐ 400 ☐ 500 ☐ 600 ☐ 800 ☐ 1000	☐ T1 ☐ T2 ☐ T3 ☐ T4
☐ 150 ☐ 225 ☐ 300 ☐ 375 ☐ 450 ☐ 600 ☐ 750 ☐ 900 ☐ 1200 ☐ 1500 ☐ 1800 ☐ 2400 ☐ 3000		☐ U1 ☐ U2 ☐ U3 ☐ U4 ☐ U5 ☐ U6 ☐ U7 ☐ U8

Painting	Direction of torque support (if selected)
☐ Unpainted (standard) ☐ NSD TupH ☐ Paint type _____ Colour _____	☐ 90° ☐ 135° ☐ 180°

Output flange B5 versions (if selected)
☐ F I round flange, externally centred ☐ F II square flange, internally centred ☐ F III square flange, externally centred



Details of geared motor only

Voltage/Frequency
☐ 230/400V - 50 Hz ☐ 400/690V - 50 Hz ☐ Other _____

Terminal box position
☐ KK1 ☐ KK2 ☐ KK3 ☐ KK4

Cable gland
☐ I* ☐ II ☐ III* ☐ IV

* Brake motor options



Order check list

UNIVERSAL SMI worm gear unit

Gear units Size Gear unit options - Input

SK 1SMI **X**

UNIVERSAL
Version

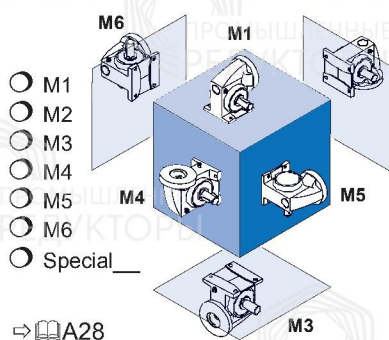
Size

- ☐ 31
- ☐ 40
- ☐ 40/H10
- ☐ 40/31
- ☐ 50
- ☐ 50/H10
- ☐ 50/31
- ☐ 63
- ☐ 63/H10
- ☐ 63/31
- ☐ 75
- ☐ 75/40

Gear unit options

- ☐ V - single side solid shaft
 - ☐ VA ☐ VB
- ☐ L - solid shaft, both sides
- ☐ Vent
- ☐ Pressure vent

Mounting position for venting option



Input options

- | | | |
|------------------------------|--------------------------------|--|
| ☐ W | | |
| ☐ IEC56 | ☐ B14 C105 | ☐ B5 A120 |
| ☐ IEC63 | ☐ B14 C90 | ☐ B14 C120 ☐ B5 A140 |
| ☐ IEC71 | ☐ B14 C105 | ☐ B14 C140 ☐ B5 A160 |
| ☐ IEC80 | ☐ B14 C120 | ☐ B14 C160 ☐ B5 A200 |
| ☐ IEC90 | ☐ B14 C140 | ☐ B14 C160 ☐ B5 A200 |
| ☐ IEC100 | ☐ B14 C160 | ☐ B14 C200 ☐ B5 A250 |
| ☐ IEC112 | ☐ B14 C160 | ☐ B14 C200 ☐ B5 A250 |

Product specifications

Worms		Helical worm SMI_/H10		Double worm SMI_/31 or SMI 75/40	
Speed ratios		Speed ratios	Version	Speed ratios	Version
☐ 5		☐ 50	☐ T1	☐ 150	☐ U1
☐ 7,5		☐ 75	☐ T2	☐ 225	☐ U2
☐ 10		☐ 100	☐ T3	☐ 300	☐ U3
☐ 12,5		☐ 125	☐ T4	☐ 375	☐ U4
☐ 15		☐ 150		☐ 450	☐ U5
☐ 20		☐ 200		☐ 600	☐ U6
☐ 25		☐ 250		☐ 750	☐ U7
☐ 30		☐ 300		☐ 900	☐ U8
☐ 40		☐ 400		☐ 1200	
☐ 50		☐ 500		☐ 1500	
☐ 60		☐ 600		☐ 1800	
☐ 80		☐ 800		☐ 2400	
☐ 100		☐ 1000		☐ 3000	

Painting

- ☐ Unpainted (standard)
- ☐ NSD TupH
- ☐ Paint type _____
Colour _____

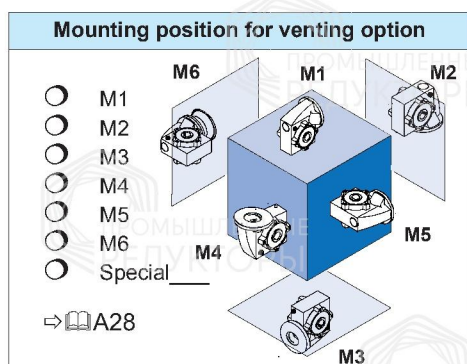
Order check list



UNIVERSAL SMI worm gear unit

SK **1SMI** **Size** **Z** **Gear unit options** **Input**

UNIVERSAL Version	Size	Gear unit options
☐ 31	☐ V - single side solid shaft	☐ VA ☐ VB
☐ 40	☐ L - solid shaft, both sides	☐ VF - solid shaft, output flange B5
☐ 40/H10	☐ VFA ☐ VFB	☐ F - output flange B5
☐ 40/31	☐ FA ☐ FB ☐ FF	☐ D - Torque support
☐ 50	☐ DA ☐ DB	☐ H - cover
☐ 50/H10	☐ HA ☐ HB	☐ Vent
☐ 50/31	☐ Pressure vent	
☐ 63		
☐ 63/H10		
☐ 63/31		
☐ 75		
☐ 75/40		



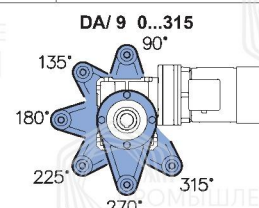
Input options			
☐ W		☐ B5 A120	
☐ IEC56	☐ B14 C105	☐ B14 C120	☐ B5 A140
☐ IEC63	☐ B14 C90	☐ B14 C140	☐ B5 A160
☐ IEC71	☐ B14 C105	☐ B14 C160	☐ B5 A200
☐ IEC80	☐ B14 C120	☐ B14 C160	☐ B5 A200
☐ IEC90	☐ B14 C140	☐ B14 C200	☐ B5 A250
☐ IEC100	☐ B14 C160	☐ B14 C200	☐ B5 A250
☐ IEC112	☐ B14 C160	☐ B14 C200	☐ B5 A250

Product specifications

Worms		Helical worm SMI_/H10		Double worm SMI_/31 or SMI 75/40	
Speed ratios	Speed ratios	Version	Speed ratios	Version	
☐ 5	☐ 50	☐ T1	☐ 150	☐ U1	
☐ 7,5	☐ 75	☐ T2	☐ 225	☐ U2	
☐ 10	☐ 100	☐ T3	☐ 300	☐ U3	
☐ 12,5	☐ 125	☐ T4	☐ 375	☐ U4	
☐ 15	☐ 150		☐ 450	☐ U5	
☐ 20	☐ 200		☐ 600	☐ U6	
☐ 25	☐ 250		☐ 750	☐ U7	
☐ 30	☐ 300		☐ 900	☐ U8	
☐ 40	☐ 400		☐ 1200		
☐ 50	☐ 500		☐ 1500		
☐ 60	☐ 600		☐ 1800		
☐ 80	☐ 800		☐ 2400		
☐ 100	☐ 1000		☐ 3000		

Painting	Direction of torque support (if selected)	
☐ Unpainted (standard)	☐ 90°	☐ 225°
☐ NSD TupH	☐ 135°	☐ 270°
☐ Paint type _____	☐ 180°	☐ 315°
Colour _____		

Output flange B5 versions (if selected)
☐ F I round flange, externally centred
☐ F II square flange, internally centred
☐ F III square flange, externally centred





Order check list

UNIVERSAL SID worm gear motor with direct motor mounting

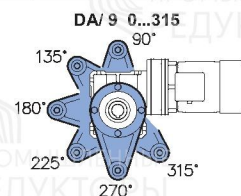
Nr. of stages	Gear units	Size	Gear unit options	Motor	Motor options																																					
SK	SID			-																																						
Number of stages ☐ 1 ☐ 2		Size ☐ 31 ☐ 40 ☐ 40/31 ☐ 50 ☐ 50/31 ☐ 63 ☐ 63/31 ☐ 75/40	Gear unit options ☐ V - single side solid shaft ☐ VA ☐ VB ☐ L - solid shaft, both sides ☐ VF - solid shaft, output flange B5 ☐ VA ☐ VB ☐ F - output flange B5 ☐ FA ☐ FB ☐ FF ☐ D - Torque support ☐ DA ☐ DB ☐ H - cover ☐ HA ☐ HB ☐ Vent ☐ Pressure vent	See catalogue M7000																																						
Mounting position for venting option ☐ M1 ☐ M2 ☐ M3 ☐ M4 ☐ M5 ☐ M6 ☐ Special _____ ⇒ A28						<table><thead><tr><th>Motors</th><th>Energy efficient motors</th><th>Brake motors</th><th>Energy efficient brake motors</th></tr></thead><tbody><tr><td>63S/4 - 0.12kW</td><td>80SH/4 - 0.55kW</td><td>63S/4 BRE 5 - 0.12kW</td><td>80SH/4 BRE 5 - 0.55kW</td></tr><tr><td>63L/4 - 0.18kW</td><td>80LH/4 - 0.75kW</td><td>63L/4 BRE 5 - 0.18kW</td><td>80LH/4 BRE10 - 0.75kW</td></tr><tr><td>71S/4 - 0.25kW</td><td>90SH/4 - 1.1kW</td><td>71S/4 BRE 5 - 0.25kW</td><td>90SH/4 BRE10 - 1.1kW</td></tr><tr><td>71L/4 - 0.37kW</td><td>90LH/4 - 1.5kW</td><td>71L/4 BRE 5 - 0.37kW</td><td>90LH/4 BRE20 - 1.5kW</td></tr><tr><td>80S/4 - 0.55kW</td><td></td><td>80S/4 BRE 5 - 0.55kW</td><td></td></tr><tr><td>80L/4 - 0.75kW</td><td></td><td>80L/4 BRE10 - 0.75kW</td><td></td></tr><tr><td>90S/4 - 1.1kW</td><td></td><td>90S/4 BRE10 - 1.1kW</td><td></td></tr><tr><td>90L/4 - 1.5kW</td><td></td><td>90L/4 BRE20 - 1.5kW</td><td></td></tr></tbody></table>	Motors	Energy efficient motors	Brake motors	Energy efficient brake motors	63S/4 - 0.12kW	80SH/4 - 0.55kW	63S/4 BRE 5 - 0.12kW	80SH/4 BRE 5 - 0.55kW	63L/4 - 0.18kW	80LH/4 - 0.75kW	63L/4 BRE 5 - 0.18kW	80LH/4 BRE10 - 0.75kW	71S/4 - 0.25kW	90SH/4 - 1.1kW	71S/4 BRE 5 - 0.25kW	90SH/4 BRE10 - 1.1kW	71L/4 - 0.37kW	90LH/4 - 1.5kW	71L/4 BRE 5 - 0.37kW	90LH/4 BRE20 - 1.5kW	80S/4 - 0.55kW		80S/4 BRE 5 - 0.55kW		80L/4 - 0.75kW		80L/4 BRE10 - 0.75kW		90S/4 - 1.1kW		90S/4 BRE10 - 1.1kW		90L/4 - 1.5kW		90L/4 BRE20 - 1.5kW	
Motors	Energy efficient motors	Brake motors	Energy efficient brake motors																																							
63S/4 - 0.12kW	80SH/4 - 0.55kW	63S/4 BRE 5 - 0.12kW	80SH/4 BRE 5 - 0.55kW																																							
63L/4 - 0.18kW	80LH/4 - 0.75kW	63L/4 BRE 5 - 0.18kW	80LH/4 BRE10 - 0.75kW																																							
71S/4 - 0.25kW	90SH/4 - 1.1kW	71S/4 BRE 5 - 0.25kW	90SH/4 BRE10 - 1.1kW																																							
71L/4 - 0.37kW	90LH/4 - 1.5kW	71L/4 BRE 5 - 0.37kW	90LH/4 BRE20 - 1.5kW																																							
80S/4 - 0.55kW		80S/4 BRE 5 - 0.55kW																																								
80L/4 - 0.75kW		80L/4 BRE10 - 0.75kW																																								
90S/4 - 1.1kW		90S/4 BRE10 - 1.1kW																																								
90L/4 - 1.5kW		90L/4 BRE20 - 1.5kW																																								

Product specifications

Worms Single-stage	Helical worm 2-stage	Double worm SID_/31 or SID 75/40	
Speed ratios	Speed ratios	Speed ratios	Version
☐ 5	☐ 25	☐ 150	☐ U1
☐ 7,5	☐ 37,5	☐ 225	☐ U2
☐ 10	☐ 50	☐ 300	☐ U3
☐ 12,5	☐ 62,5	☐ 375	☐ U4
☐ 15	☐ 75	☐ 450	☐ U5
☐ 20	☐ 100	☐ 600	☐ U6
☐ 25	☐ 125	☐ 750	☐ U7
☐ 30	☐ 150	☐ 900	☐ U8
☐ 40	☐ 200	☐ 1200	
☐ 50	☐ 250	☐ 1500	
☐ 60	☐ 300	☐ 1800	
☐ 80	☐ 400	☐ 2400	
☐ 100	☐ 500	☐ 3000	

Painting	Direction of torque support (if selected)	
☐ Unpainted (standard)	☐ 90°	☐ 225°
☐ NSD TupH	☐ 135°	☐ 270°
☐ Paint type _____ Colour _____	☐ 180°	☐ 315°

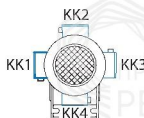
Output flange B5 versions (if selected)
☐ F I round flange, externally centred
☐ F II square flange, internally centred
☐ FIII square flange, externally centred



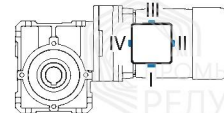
Details of geared motor only

Voltage/Frequency
☐ 230/400V - 50 Hz
☐ 400/690V - 50 Hz
☐ Other _____

Terminal box position
☐ KK1
☐ KK2
☐ KK3
☐ KK4



Cable gland
☐ I*
☐ II
☐ III*
☐ IV
* Brake motor options



Order check list



UNIVERSAL SMID worm gear motor with direct motor mounting

Nr. of stages	Gear units	Size	Gear unit options	Motor	Motor options
SK	SMID		X	-	

Number of stages

- ☐ 1
☐ 2

Size

- ☐ 31
☐ 40
☐ 40/31
☐ 50
☐ 50/31
☐ 63
☐ 63/31
☐ 75/40

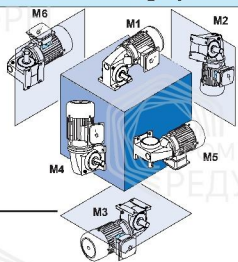
Gear unit options

- ☐ V - single side solid shaft
 ☐ VA ☐ VB
☐ L - solid shaft, both sides
☐ Vent
☐ Pressure vent

See catalogue
M7000

Mounting position for venting option

- ☐ M1
☐ M2
☐ M3
☐ M4
☐ M5
☐ M6
☐ Special _____



⇒ A28

Motors

63S/4 - 0.12kW
 63L/4 - 0.18kW
 71S/4 - 0.25kW
 71L/4 - 0.37kW
 80S/4 - 0.55kW
 80L/4 - 0.75kW
 90S/4 - 1.1kW
 90L/4 - 1.5kW

Energy efficient motors

80SH/4 - 0.55kW
 80LH/4 - 0.75kW
 90SH/4 - 1.1kW
 90LH/4 - 1.5kW

Brake motors

63S/4 BRE 5 - 0.12kW
 63L/4 BRE 5 - 0.18kW
 71S/4 BRE 5 - 0.25kW
 71L/4 BRE 5 - 0.37kW
 80S/4 BRE 5 - 0.55kW
 80L/4 BRE10 - 0.75kW
 90S/4 BRE10 - 1.1kW
 90L/4 BRE20 - 1.5kW

Energy efficient brake motors

80SH/4 BRE 5 - 0.55kW
 80LH/4 BRE10 - 0.75kW
 90SH/4 BRE10 - 1.1kW
 90LH/4 BRE20 - 1.5kW

Product specifications

Worms Single-stage	Helical worm 2-stage	Double worm SMID__/31 or SMID 75/40	
Speed ratios	Speed ratios	Speed ratios	Version
☐ 5	☐ 25	☐ 150	☐ U1
☐ 7,5	☐ 37,5	☐ 225	☐ U2
☐ 10	☐ 50	☐ 300	☐ U3
☐ 12,5	☐ 62,5	☐ 375	☐ U4
☐ 15	☐ 75	☐ 450	☐ U5
☐ 20	☐ 100	☐ 600	☐ U6
☐ 25	☐ 125	☐ 750	☐ U7
☐ 30	☐ 150	☐ 900	☐ U8
☐ 40	☐ 200	☐ 1200	
☐ 50	☐ 250	☐ 1500	
☐ 60	☐ 300	☐ 1800	
☐ 80	☐ 400	☐ 2400	
☐ 100	☐ 500	☐ 3000	

Painting

- ☐ Unpainted (standard)
☐ NSD TupH
☐ Paint type _____
 Colour _____

Details of geared motor only

Voltage/Frequency

- ☐ 230/400V - 50 Hz
☐ 400/690V - 50 Hz
☐ Other _____

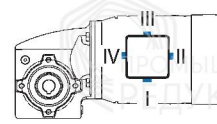
Terminal box position

- ☐ KK1
☐ KK2
☐ KK3
☐ KK4



Cable gland

- ☐ I*
☐ II
☐ III*
☐ IV

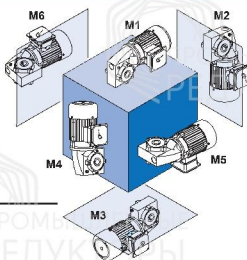
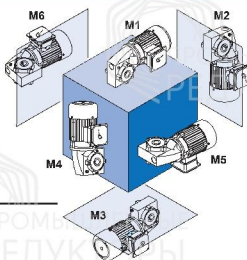
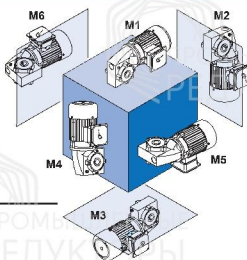


* Brake motor options

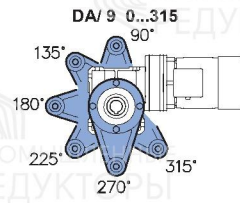


Order check list

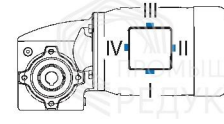
UNIVERSAL SMID worm gear motor with direct motor mounting

	Nr. of stages	Gear units	Size	Gear unit options	Motor	Motor options																					
SK		SMID		Z	-																						
	<table><tr><td>Number of stages</td></tr><tr><td>☐ 1</td></tr><tr><td>☐ 2</td></tr></table>	Number of stages	☐ 1	☐ 2		<table><tr><td>Size</td></tr><tr><td>☐ 31</td></tr><tr><td>☐ 40</td></tr><tr><td>☐ 40/31</td></tr><tr><td>☐ 50</td></tr><tr><td>☐ 50/31</td></tr><tr><td>☐ 63</td></tr><tr><td>☐ 63/31</td></tr><tr><td>☐ 75/40</td></tr></table>	Size	☐ 31	☐ 40	☐ 40/31	☐ 50	☐ 50/31	☐ 63	☐ 63/31	☐ 75/40	<table><tr><td>Gear unit options</td></tr><tr><td>☐ V - single side solid shaft ☐ VA ☐ VB</td></tr><tr><td>☐ L - solid shaft, both sides</td></tr><tr><td>☐ VF - solid shaft, output flange B5 ☐ VA ☐ VB</td></tr><tr><td>☐ F - output flange B5 ☐ FA ☐ FB ☐ FF</td></tr><tr><td>☐ D - Torque support ☐ DA ☐ DB</td></tr><tr><td>☐ H - cover ☐ HA ☐ HB</td></tr><tr><td>☐ Vent</td></tr><tr><td>☐ Pressure vent</td></tr></table>	Gear unit options	☐ V - single side solid shaft ☐ VA ☐ VB	☐ L - solid shaft, both sides	☐ VF - solid shaft, output flange B5 ☐ VA ☐ VB	☐ F - output flange B5 ☐ FA ☐ FB ☐ FF	☐ D - Torque support ☐ DA ☐ DB	☐ H - cover ☐ HA ☐ HB	☐ Vent	☐ Pressure vent		See catalogue M7000
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<table><tr><td>Mounting position for venting option</td><td>Motors</td><td>Energy efficient motors</td><td>Brake motors</td><td>Energy efficient brake motors</td></tr><tr><td>☐ M1 ☐ M2 ☐ M3 ☐ M4 ☐ M5 ☐ M6 ☐ Special ⇒ A28</td><td> 63S/4 - 0.12kW 63L/4 - 0.18kW 71S/4 - 0.25kW 71L/4 - 0.37kW 80S/4 - 0.55kW 80L/4 - 0.75kW 90S/4 - 1.1kW 90L/4 - 1.5kW</td><td>80SH/4 - 0.55kW 80LH/4 - 0.75kW 90SH/4 - 1.1kW 90LH/4 - 1.5kW</td><td>63S/4 BRE 5 - 0.12kW 63L/4 BRE 5 - 0.18kW 71S/4 BRE 5 - 0.25kW 71L/4 BRE 5 - 0.37kW 80S/4 BRE 5 - 0.55kW 80L/4 BRE10 - 0.75kW 90S/4 BRE10 - 1.1kW 90L/4 BRE20 - 1.5kW</td><td>80SH/4 BRE 5 - 0.55kW 80LH/4 BRE10 - 0.75kW 90SH/4 BRE10 - 1.1kW 90LH/4 BRE20 - 1.5kW</td></tr></table>							Mounting position for venting option	Motors	Energy efficient motors	Brake motors	Energy efficient brake motors	☐ M1 ☐ M2 ☐ M3 ☐ M4 ☐ M5 ☐ M6 ☐ Special ⇒ A28	 63S/4 - 0.12kW 63L/4 - 0.18kW 71S/4 - 0.25kW 71L/4 - 0.37kW 80S/4 - 0.55kW 80L/4 - 0.75kW 90S/4 - 1.1kW 90L/4 - 1.5kW	80SH/4 - 0.55kW 80LH/4 - 0.75kW 90SH/4 - 1.1kW 90LH/4 - 1.5kW	63S/4 BRE 5 - 0.12kW 63L/4 BRE 5 - 0.18kW 71S/4 BRE 5 - 0.25kW 71L/4 BRE 5 - 0.37kW 80S/4 BRE 5 - 0.55kW 80L/4 BRE10 - 0.75kW 90S/4 BRE10 - 1.1kW 90L/4 BRE20 - 1.5kW	80SH/4 BRE 5 - 0.55kW 80LH/4 BRE10 - 0.75kW 90SH/4 BRE10 - 1.1kW 90LH/4 BRE20 - 1.5kW											
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Product specifications

Worms Single-stage Speed ratios	Helical worm 2-stage Speed ratios	Double worm SMID__/31 or SMID 75/40 Speed ratios Version		Painting	Direction of torque support (if selected)					
☐ 5 ☐ 7,5 ☐ 10 ☐ 12,5 ☐ 15 ☐ 20 ☐ 25 ☐ 30 ☐ 40 ☐ 50 ☐ 60 ☐ 80 ☐ 100	☐ 25 ☐ 37,5 ☐ 50 ☐ 62,5 ☐ 75 ☐ 100 ☐ 125 ☐ 150 ☐ 200 ☐ 250 ☐ 300 ☐ 400 ☐ 500	☐ 150 ☐ 225 ☐ 300 ☐ 375 ☐ 450 ☐ 600 ☐ 750 ☐ 900 ☐ 1200 ☐ 1500 ☐ 1800 ☐ 2400 ☐ 3000	☐ U1 ☐ U2 ☐ U3 ☐ U4 ☐ U5 ☐ U6 ☐ U7 ☐ U8	☐ Unpainted (standard) ☐ NSD TupH ☐ Paint type _____ Colour _____	☐ 90° ☐ 135° ☐ 180°	☐ 225° ☐ 270° ☐ 315°				
				<table><tr><td>Output flange B5 versions (if selected)</td></tr><tr><td>☐ F I round flange, externally centred</td></tr><tr><td>☐ F II square flange, internally centred</td></tr><tr><td>☐ F III square flange, externally centred</td></tr></table>	Output flange B5 versions (if selected)	☐ F I round flange, externally centred	☐ F II square flange, internally centred	☐ F III square flange, externally centred		
Output flange B5 versions (if selected)										
☐ F I round flange, externally centred										
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Details of geared motor only

Voltage/Frequency	Terminal box position	Cable gland
☐ 230/400V - 50 Hz ☐ 400/690V - 50 Hz ☐ Other _____	☐ KK1 ☐ KK2 ☐ KK3 ☐ KK4 	☐ I* ☐ II ☐ III* ☐ IV  * Brake motor options