



Versions

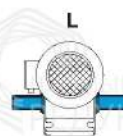


Overview of versions (⇒ A23-28 mounting variants)

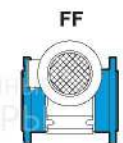
Basic version



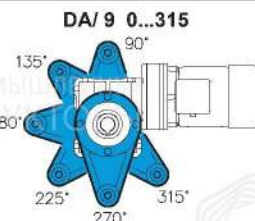
Plug-in shaft



Flange B5



Torque support



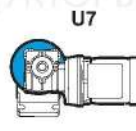
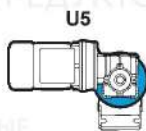
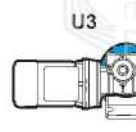
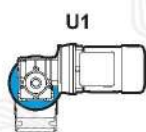
Covering cap



Helical gear input stage H10

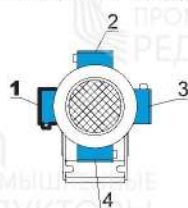


Double worm gear input stage



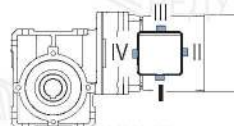
Terminal box

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



Cable gland

ngKK1/I, K K 1/II, K KK1/MI, 1/IV





Order check list

UNIVERSAL SI worm gear motors

SK Gear units Size Gear unit options - Input - Motor Motor options

1SI

UNIVERSAL Version

Mounting position for venting option

M1 M2 M3
 M4 M5 M6
 Special

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

See catalogue M7000

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	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	100LH/4 - 2.2kW	80S/4 BRE 5 - 0.55kW	100LH/4 BRE20 - 2.2kW
80L/4 - 0.75kW	100AH/4 - 3kW	80L/4 BRE10 - 0.75kW	100AH/4 BRE40 - 3kW
90S/4 - 1.1kW	112MH/4 - 4kW	90S/4 BRE10 - 1.1kW	112MH/4 BRE40 - 4kW
90L/4 - 1.5kW		90L/4 BRE20 - 1.5kW	
100L/4 - 2.2kW		100L/4 BRE20 - 2.2kW	
100A/4 - 3kW		100A/4 BRE40 - 3kW	
112M/4 - 4kW		112M/4 BRE40 - 4kW	

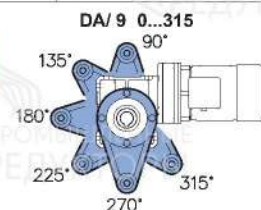
Product specifications

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

Painting	Direction of torque support (if selected)	
<input type="radio"/> Unpainted (standard)	<input type="radio"/> 90°	<input type="radio"/> 225°
<input type="radio"/> NSD TupH	<input type="radio"/> 135°	<input type="radio"/> 270°
<input type="radio"/> Paint type _____	<input type="radio"/> 180°	<input type="radio"/> 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



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 motors

SK	Gear units 1SMI	Size	Gear unit options X	-	Input	-	Motor	Motor options
	UNIVERSAL Version	Size <input type="radio"/> 31 <input type="radio"/> 40 <input type="radio"/> 40/H10 <input type="radio"/> 40/31 <input type="radio"/> 50 <input type="radio"/> 50/H10 <input type="radio"/> 50/31 <input type="radio"/> 63 <input type="radio"/> 63/H10 <input type="radio"/> 63/31 <input type="radio"/> 75 <input type="radio"/> 75/40	Gear unit options <input type="checkbox"/> V - single side solid shaft <input type="radio"/> VA <input type="radio"/> VB <input type="checkbox"/> L - solid shaft, both sides <input type="checkbox"/> Vent <input type="checkbox"/> 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	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	100LH/4 - 2.2kW	80S/4 BRE 5 - 0.55kW	100LH/4 BRE20 - 2.2kW
80L/4 - 0.75kW	100AH/4 - 3kW	80L/4 BRE10 - 0.75kW	100AH/4 BRE40 - 3kW
90S/4 - 1.1kW	112MH/4 - 4kW	90S/4 BRE10 - 1.1kW	112MH/4 BRE40 - 4kW
90L/4 - 1.5kW		90L/4 BRE20 - 1.5kW	
100L/4 - 2.2kW		100L/4 BRE20 - 2.2kW	
100A/4 - 3kW		100A/4 BRE40 - 3kW	
112M/4 - 4kW		112M/4 BRE40 - 4kW	

Product specifications

Worms		Helical worm SMI_/H10		Double worm gear SMI_/31 or SMI 75/40	
Speed ratios	Speed ratios	Version	Speed ratios	Version	
<input type="radio"/> 5	<input type="radio"/> 50	<input type="radio"/> T1	<input type="radio"/> 150	<input type="radio"/> U1	
<input type="radio"/> 7.5	<input type="radio"/> 75	<input type="radio"/> T2	<input type="radio"/> 225	<input type="radio"/> U2	
<input type="radio"/> 10	<input type="radio"/> 100	<input type="radio"/> T3	<input type="radio"/> 300	<input type="radio"/> U3	
<input type="radio"/> 12.5	<input type="radio"/> 125	<input type="radio"/> T4	<input type="radio"/> 375	<input type="radio"/> U4	
<input type="radio"/> 15	<input type="radio"/> 150		<input type="radio"/> 450	<input type="radio"/> U5	
<input type="radio"/> 20	<input type="radio"/> 200		<input type="radio"/> 600	<input type="radio"/> U6	
<input type="radio"/> 25	<input type="radio"/> 250		<input type="radio"/> 750	<input type="radio"/> U7	
<input type="radio"/> 30	<input type="radio"/> 300		<input type="radio"/> 900	<input type="radio"/> U8	
<input type="radio"/> 40	<input type="radio"/> 400		<input type="radio"/> 1200		
<input type="radio"/> 50	<input type="radio"/> 500		<input type="radio"/> 1500		
<input type="radio"/> 60	<input type="radio"/> 600		<input type="radio"/> 1800		
<input type="radio"/> 80	<input type="radio"/> 800		<input type="radio"/> 2400		
<input type="radio"/> 100	<input type="radio"/> 1000		<input type="radio"/> 3000		

Painting
<input type="radio"/> Unpainted (standard)
<input type="radio"/> NSD TupH
<input type="radio"/> Paint type _____
Colour _____

Details of geared motor only

Voltage/Frequency
<input type="radio"/> 230/400V - 50 Hz
<input type="radio"/> 400/690V - 50 Hz
<input type="radio"/> Other _____

Terminal box position
<input type="radio"/> KK1
<input type="radio"/> KK2
<input type="radio"/> KK3
<input type="radio"/> KK4

Cable gland
<input type="radio"/> I*
<input type="radio"/> II
<input type="radio"/> III*
<input type="radio"/> IV

* Brake motor options

Order check list



UNIVERSAL SMI worm gear motors

SK	Gear units 1SMI	Size	Gear unit options Z	Input -	Motor -	Motor options
	UNIVERSAL Version	Size	Gear unit options			See catalogue M7000
Mounting position for venting option <ul style="list-style-type: none"> <input type="radio"/> M1 <input type="radio"/> M2 <input type="radio"/> M3 <input type="radio"/> M4 <input type="radio"/> M5 <input type="radio"/> M6 <input type="radio"/> Special _____ 		<ul style="list-style-type: none"> <input type="radio"/> 31 <input type="radio"/> 40 <input type="radio"/> 40/H10 <input type="radio"/> 40/31 <input type="radio"/> 50 <input type="radio"/> 50/H10 <input type="radio"/> 50/31 <input type="radio"/> 63 <input type="radio"/> 63/H10 <input type="radio"/> 63/31 <input type="radio"/> 75 <input type="radio"/> 75/40 	<ul style="list-style-type: none"> <input type="checkbox"/> V - single side solid shaft <ul style="list-style-type: none"> <input type="radio"/> VA <input type="radio"/> VB <input type="checkbox"/> L - solid shaft, both sides <input type="checkbox"/> VF - solid shaft, output flange B5 <ul style="list-style-type: none"> <input type="radio"/> VFA <input type="radio"/> VFB <input type="checkbox"/> F - output flange B5 <ul style="list-style-type: none"> <input type="radio"/> FA <input type="radio"/> FB <input type="radio"/> FF <input type="checkbox"/> D - Torque support <ul style="list-style-type: none"> <input type="radio"/> DA <input type="radio"/> DB <input type="checkbox"/> H - cover <ul style="list-style-type: none"> <input type="radio"/> HA <input type="radio"/> HB <input type="checkbox"/> Vent <input type="checkbox"/> Pressure vent 			

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

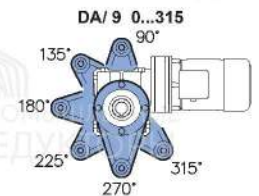
Motors	Energy efficient motors	Brake motors	Energy efficient brake motors
63S/4 - 0.12kW	80SH/4 - 0.55kW	63S/4 BRE 5 - 0.12kW	80SH/4 BRE 5 - 0.55kW
63L/4 - 0.18kW	80LH/4 - 0.75kW	63L/4 BRE 5 - 0.18kW	80LH/4 BRE10 - 0.75kW
71S/4 - 0.25kW	90SH/4 - 1.1kW	71S/4 BRE 5 - 0.25kW	90SH/4 BRE10 - 1.1kW
71L/4 -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

Product specifications

Worms		Helical worm SMI_/H10		Double worm gear SMI_/31 or SMI 75/40	
Speed ratios	Speed ratios	Version	Speed ratios	Version	Version
<input type="radio"/> 5	<input type="radio"/> 50	<input type="radio"/> T1	<input type="radio"/> 150	<input type="radio"/> U1	
<input type="radio"/> 7.5	<input type="radio"/> 75	<input type="radio"/> T2	<input type="radio"/> 225	<input type="radio"/> U2	
<input type="radio"/> 10	<input type="radio"/> 100	<input type="radio"/> T3	<input type="radio"/> 300	<input type="radio"/> U3	
<input type="radio"/> 12.5	<input type="radio"/> 125	<input type="radio"/> T4	<input type="radio"/> 375	<input type="radio"/> U4	
<input type="radio"/> 15	<input type="radio"/> 150		<input type="radio"/> 450	<input type="radio"/> U5	
<input type="radio"/> 20	<input type="radio"/> 200		<input type="radio"/> 600	<input type="radio"/> U6	
<input type="radio"/> 25	<input type="radio"/> 250		<input type="radio"/> 750	<input type="radio"/> U7	
<input type="radio"/> 30	<input type="radio"/> 300		<input type="radio"/> 900	<input type="radio"/> U8	
<input type="radio"/> 40	<input type="radio"/> 400		<input type="radio"/> 1200		
<input type="radio"/> 50	<input type="radio"/> 500		<input type="radio"/> 1500		
<input type="radio"/> 60	<input type="radio"/> 600		<input type="radio"/> 1800		
<input type="radio"/> 80	<input type="radio"/> 800		<input type="radio"/> 2400		
<input type="radio"/> 100	<input type="radio"/> 1000		<input type="radio"/> 3000		

Painting	Direction of torque support (if selected)	
<input type="radio"/> Unpainted (standard)	<input type="radio"/> 90°	<input type="radio"/> 225°
<input type="radio"/> NSD TupH	<input type="radio"/> 135°	<input type="radio"/> 270°
<input type="radio"/> Paint type _____	<input type="radio"/> 180°	<input type="radio"/> 315°
Colour _____		

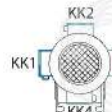
Output flange B5 versions (if selected)
<input type="radio"/> F I round flange, externally centred
<input type="radio"/> F II square flange, internally centred
<input type="radio"/> F III square flange, externally centred



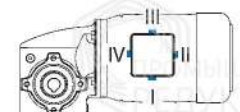
Details of geared motor only

Voltage/Frequency
<input type="radio"/> 230/400V - 50 Hz
<input type="radio"/> 400/690V - 50 Hz
<input type="radio"/> Other _____

Terminal box position
<input type="radio"/> KK1
<input type="radio"/> KK2
<input type="radio"/> KK3
<input type="radio"/> KK4



Cable gland
<input type="radio"/> I*
<input type="radio"/> II
<input type="radio"/> III*
<input type="radio"/> IV



* Brake motor options



Order check list

UNIVERSAL SMI worm gear unit

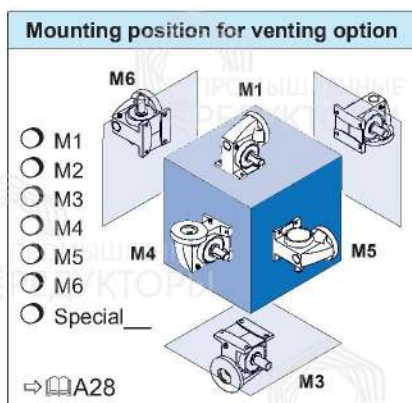
Gear units Size Gear unit options - Input

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



- 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	
<input type="radio"/> 5	<input type="radio"/> 50	<input type="radio"/> T1	<input type="radio"/> 150	<input type="radio"/> U1	
<input type="radio"/> 7,5	<input type="radio"/> 75	<input type="radio"/> T2	<input type="radio"/> 225	<input type="radio"/> U2	
<input type="radio"/> 10	<input type="radio"/> 100	<input type="radio"/> T3	<input type="radio"/> 300	<input type="radio"/> U3	
<input type="radio"/> 12,5	<input type="radio"/> 125	<input type="radio"/> T4	<input type="radio"/> 375	<input type="radio"/> U4	
<input type="radio"/> 15	<input type="radio"/> 150		<input type="radio"/> 450	<input type="radio"/> U5	
<input type="radio"/> 20	<input type="radio"/> 200		<input type="radio"/> 600	<input type="radio"/> U6	
<input type="radio"/> 25	<input type="radio"/> 250		<input type="radio"/> 750	<input type="radio"/> U7	
<input type="radio"/> 30	<input type="radio"/> 300		<input type="radio"/> 900	<input type="radio"/> U8	
<input type="radio"/> 40	<input type="radio"/> 400		<input type="radio"/> 1200		
<input type="radio"/> 50	<input type="radio"/> 500		<input type="radio"/> 1500		
<input type="radio"/> 60	<input type="radio"/> 600		<input type="radio"/> 1800		
<input type="radio"/> 80	<input type="radio"/> 800		<input type="radio"/> 2400		
<input type="radio"/> 100	<input type="radio"/> 1000		<input type="radio"/> 3000		

- Painting**
- Unpainted (standard)
 - NSD TopH
 - Paint type _____
Colour _____

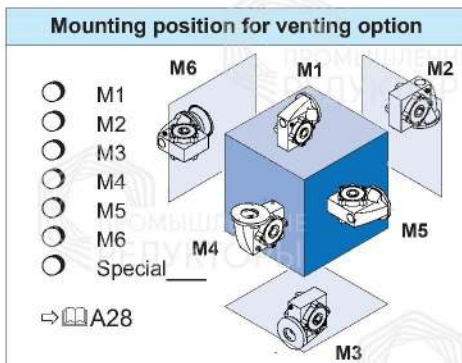
Order check list



UNIVERSAL SMI worm gear unit

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

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



Input options

<input type="radio"/> W		<input type="radio"/> B5 A120
<input type="radio"/> IEC56	<input type="radio"/> B14 C105	<input type="radio"/> B5 A140
<input type="radio"/> IEC63	<input type="radio"/> B14 C90	<input type="radio"/> B5 A160
<input type="radio"/> IEC71	<input type="radio"/> B14 C105	<input type="radio"/> B5 A200
<input type="radio"/> IEC80	<input type="radio"/> B14 C120	<input type="radio"/> B5 A200
<input type="radio"/> IEC90	<input type="radio"/> B14 C140	<input type="radio"/> B5 A200
<input type="radio"/> IEC100	<input type="radio"/> B14 C160	<input type="radio"/> B5 A250
<input type="radio"/> IEC112	<input type="radio"/> B14 C160	<input type="radio"/> B5 A250

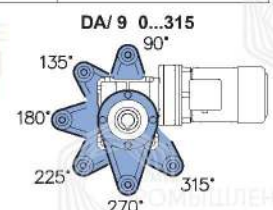
Product specifications

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

Painting	Direction of torque support (if selected)	
<input type="radio"/> Unpainted (standard)	<input type="radio"/> 90°	<input type="radio"/> 225°
<input type="radio"/> NSD TupH	<input type="radio"/> 135°	<input type="radio"/> 270°
<input type="radio"/> Paint type _____	<input type="radio"/> 180°	<input type="radio"/> 315°
Colour _____		

Output flange B5 versions (if selected)

<input type="radio"/> F I round flange, externally centred
<input type="radio"/> F II square flange, internally centred
<input type="radio"/> 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

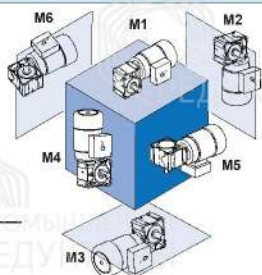
Gear unit options

- 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 _____



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

Painting

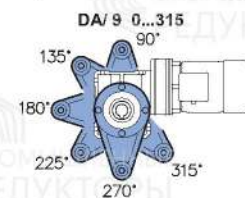
- Unpainted (standard)
- NSD TupH
- Paint type _____
- Colour _____

Direction of torque support (if selected)

- 90°
- 135°
- 180°
- 225°
- 270°
- 315°

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

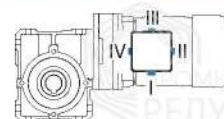
- 230/400V - 50 Hz
- 400/690V - 50 Hz
- Other _____

Terminal box position

- KK1
 - KK2
 - KK3
 - KK4
-

Cable gland

- I*
- II
- III*
- IV



* Brake motor options

Order check list



UNIVERSAL 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

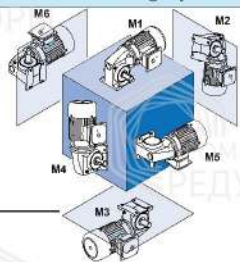
Gear unit options

- 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
<input type="radio"/> 5	<input type="radio"/> 25	<input type="radio"/> 150	<input type="radio"/> U1
<input type="radio"/> 7,5	<input type="radio"/> 37,5	<input type="radio"/> 225	<input type="radio"/> U2
<input type="radio"/> 10	<input type="radio"/> 50	<input type="radio"/> 300	<input type="radio"/> U3
<input type="radio"/> 12,5	<input type="radio"/> 62,5	<input type="radio"/> 375	<input type="radio"/> U4
<input type="radio"/> 15	<input type="radio"/> 75	<input type="radio"/> 450	<input type="radio"/> U5
<input type="radio"/> 20	<input type="radio"/> 100	<input type="radio"/> 600	<input type="radio"/> U6
<input type="radio"/> 25	<input type="radio"/> 125	<input type="radio"/> 750	<input type="radio"/> U7
<input type="radio"/> 30	<input type="radio"/> 150	<input type="radio"/> 900	<input type="radio"/> U8
<input type="radio"/> 40	<input type="radio"/> 200	<input type="radio"/> 1200	
<input type="radio"/> 50	<input type="radio"/> 250	<input type="radio"/> 1500	
<input type="radio"/> 60	<input type="radio"/> 300	<input type="radio"/> 1800	
<input type="radio"/> 80	<input type="radio"/> 400	<input type="radio"/> 2400	
<input type="radio"/> 100	<input type="radio"/> 500	<input type="radio"/> 3000	

Painting

- Unpainted (standard)
 NSD TopH
 Paint type _____
 Colour _____

Details of geared motor only

Voltage/Frequency

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

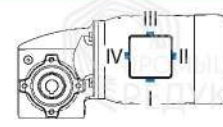
Terminal box position

- 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	-			
Number of stages <input type="radio"/> 1 <input type="radio"/> 2		Size <input type="radio"/> 31 <input type="radio"/> 40 <input type="radio"/> 40/31 <input type="radio"/> 50 <input type="radio"/> 50/31 <input type="radio"/> 63 <input type="radio"/> 63/31 <input type="radio"/> 75/40		Gear unit options <input type="checkbox"/> V - single side solid shaft <input type="radio"/> VA <input type="radio"/> VB <input type="checkbox"/> L - solid shaft, both sides <input type="checkbox"/> VF - solid shaft, output flange B5 <input type="radio"/> VA <input type="radio"/> VB <input type="checkbox"/> F - output flange B5 <input type="radio"/> FA <input type="radio"/> FB <input type="radio"/> FF <input type="checkbox"/> D - Torque support <input type="radio"/> DA <input type="radio"/> DB <input type="checkbox"/> H - cover <input type="radio"/> HA <input type="radio"/> HB <input type="checkbox"/> Vent <input type="checkbox"/> Pressure vent		See catalogue M7000	

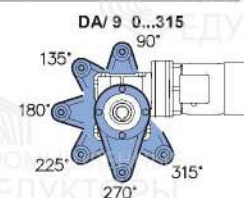
Mounting position for venting option	
<input type="radio"/> M1 <input type="radio"/> M2 <input type="radio"/> M3 <input type="radio"/> M4 <input type="radio"/> M5 <input type="radio"/> M6 <input type="radio"/> Special _____	
⇒ A28	

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 SMID__/31 or SMID 75/40		Painting	Direction of torque support (if selected)	
Speed ratios	Speed ratios	Speed ratios	Version			
<input type="radio"/> 5 <input type="radio"/> 7,5 <input type="radio"/> 10 <input type="radio"/> 12,5 <input type="radio"/> 15 <input type="radio"/> 20 <input type="radio"/> 25 <input type="radio"/> 30 <input type="radio"/> 40 <input type="radio"/> 50 <input type="radio"/> 60 <input type="radio"/> 80 <input type="radio"/> 100	<input type="radio"/> 25 <input type="radio"/> 37,5 <input type="radio"/> 50 <input type="radio"/> 62,5 <input type="radio"/> 75 <input type="radio"/> 100 <input type="radio"/> 125 <input type="radio"/> 150 <input type="radio"/> 200 <input type="radio"/> 250 <input type="radio"/> 300 <input type="radio"/> 400 <input type="radio"/> 500	<input type="radio"/> 150 <input type="radio"/> 225 <input type="radio"/> 300 <input type="radio"/> 375 <input type="radio"/> 450 <input type="radio"/> 600 <input type="radio"/> 750 <input type="radio"/> 900 <input type="radio"/> 1200 <input type="radio"/> 1500 <input type="radio"/> 1800 <input type="radio"/> 2400 <input type="radio"/> 3000	<input type="radio"/> U1 <input type="radio"/> U2 <input type="radio"/> U3 <input type="radio"/> U4 <input type="radio"/> U5 <input type="radio"/> U6 <input type="radio"/> U7 <input type="radio"/> U8	<input type="radio"/> Unpainted (standard) <input type="radio"/> NSD TupH <input type="radio"/> Paint type _____ Colour _____	<input type="radio"/> 90° <input type="radio"/> 135° <input type="radio"/> 180°	<input type="radio"/> 225° <input type="radio"/> 270° <input type="radio"/> 315°

Output flange B5 versions (if selected)
<input type="radio"/> F I round flange, externally centred <input type="radio"/> F II square flange, internally centred <input type="radio"/> F III square flange, externally centred



Details of geared motor only

Voltage/Frequency <input type="radio"/> 230/400V - 50 Hz <input type="radio"/> 400/690V - 50 Hz <input type="radio"/> Other _____	Terminal box position <input type="radio"/> KK1 <input type="radio"/> KK2 <input type="radio"/> KK3 <input type="radio"/> KK4 	Cable gland <input type="radio"/> I* <input type="radio"/> II <input type="radio"/> III* <input type="radio"/> IV
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* Brake motor options