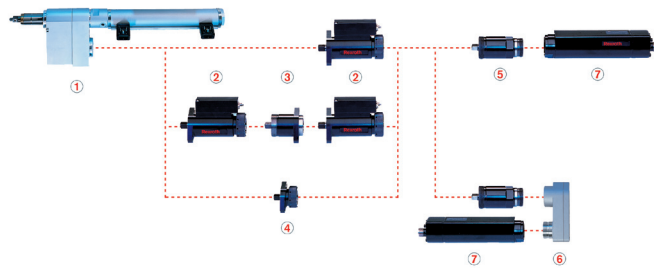


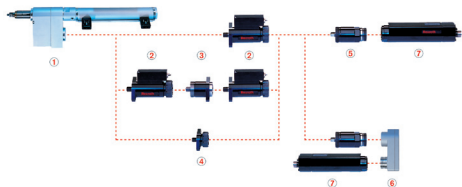
Feed Output Drive
6 - 136 Nm
Size 4



Feed Output Drive

6 - 136 Nm ■ Size 4

Documentation
• outputs
• Tightening spindles
• Gearboxes
• EC motor



Benefits:

- Integrated feed movement
- In connection with automatic screw supply
- Standard tool mounts and compressed air connections
- Easy assembly due to flange connection
- Maintenance-free for 1 million full load cycles

Technical data

Tightening spindle		Feed Output Drive		Tightening spindles		PC-based		Tightening spindles	
[Nm]	[l/m]	Code	Order no.	Code	Order no.	Code	Order no.	Code	Order no.
6 - 47	1000	4S1	0608800609	4DMC060	0608820114	4GE19	0608720056	-	-
12 - 51	340			4DMC160	0608820115	4GE59	0608720040	-	-
15 - 136				-	-				

Side-by-side arrangement of tightening spindles (center-to-center distance)						
	Number of tightening spindles	2	3	4	5	6
	Smallest circle diameter Ø d _{min} [mm]	56	65	79	95	112

*) Accuracy is limited if operating below the working range.

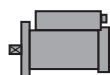
Components

1) Feed Output Drive

Feed Output Drive

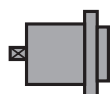
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Code		2S1	2S2	3S2	3S1	4S1
Order no.		0608800612	0608800619	0608800611	0608800610	0608800609
Maximum torque	[Nm]	7	10	20	55	150
Range of spring	[mm]	160		200		
Reduction		1				
Avg. efficiency		0.93				0.9
Length A	[mm]	80		97	101	
Installation Length	[mm]	189.5		204	219	
Weight	[kg]	2 kg		3,5 kg	6.6 kg	

2) Tightening spindles

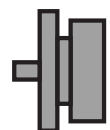
Code						
Order no.						
Nominal torque	[Nm]	0	60			
Reduction		0	1			
Avg. efficiency		0	1			
Installation Length	[mm]	0	118.6	122		
Weight	[kg]	-	1 kg	1.6 kg		

- You can configure your tightening spindle with a redundant measurement transducer from the same type. Connect both measurement transducers with the 2AR adapter.

3) Redundant adapter

Code		-	3AR	4AR	5AR
Order no.					
Reduction		1			
Avg. efficiency		1			
Installation Length	[mm]	50	57	65	108
Weight	[kg]	0.3 kg	0.4 kg	0,8 kg	

- When configuring with a redundant measurement transducer, the 2AR adapter connects both measurement transducers.

4) Adapter

Code		2A	3A	4A	5A
Order no.					
Reduction		1			
Avg. efficiency		1			
Installation Length	[mm]	30	30.5	26.5	48.5
Weight	[kg]	0.4 kg	0.3 kg	0.4 kg	

- When configuring without a measurement transducer, the 2A adapter connects the output drive and the planetary gearbox.

5) Planetary gearbox

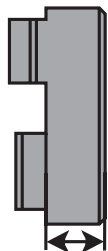
Feed Output Drive

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Code		2GE19	2GE26	3GE27	3GE67	4GE19	4GE59	5GE19	5GE68
Order no.									
Reduction		0		27	67.4	19.3	58.6	19.3	67.9
Avg. efficiency		0		0.9	0.85	0.9	0.85	0.93	0.9
Installation Length	[mm]	0		65.5	81.5	82.9	105.5	154	188
Weight	[kg]			-	0,5 kg	0.7 kg	1,1 kg	2.9 kg	3.7 kg

6) Transverse gearbox



Code					
Order no.					
Reduction		1			
Avg. efficiency		0.9			
Installation Length	[mm]	28.3	30.1	41.3	63.8
Weight	[kg]	0.4 kg	0,5 kg	1,4 kg	3.2 kg

• The 2ULG transverse gearbox shortens the length of your tightening spindle by the installation length of the EC motor plus the installation length of the transverse gearbox.

7) EC motor



Code		EC303	EC304	EC305	EC302
Order no.		0608701017	0608701018	0608701019	0608701016
Installation Length	[mm]	236	269	337	211
Weight	[kg]	1,3 kg	2.7 kg	6,4 kg	0.72 kg

Accessories

Tightening spindle with spindle bearing, offset output drive or angle head



BG	(A)	
	Code	Order no.
BG 4	ML046	0608830222

Tightening spindle with spindle bearing, offset output drive or angle head and redundant measurement transducer



BG	(A)		(B)	
	Code	Order no.	Code	Order no.
BG 4	ML046	0608830222	MLR033	0608830174

Tightening spindle with transverse gearbox

Feed Output Drive

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BG	(A)	
	Code	Order no.
BG 4	ML046	0608830222

Tightening spindle with transverse gearbox and redundant measurement transducer

BG	(A)		(B)	
	Code	Order no.	Code	Order no.
BG 4	ML046	0608830222	MLR033	0608830174

Connection cable straight – angle


Length A	Code	Order no.
[mm]		
3	SL003	0608830176
5	SL005	0608830177
7	SL007	0608830190
10	SL010	0608830178
15	SL015	0608830179
20	SL020	0608830180
0	SLF*	3608872160

Connection cable angle – angle


Length A	Code	Order no.
[mm]		
3	SLW003	0608830227
5	SLW005	0608830230
7	SLW007	0608830232
10	SLW010	0608830242
0	SLWF*	3608872170

Tightening spindle extension cable straight– straight

Feed Output Drive

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Length A	Code	Order no.
[mm]		
3	SV003	0608830188
5	SV005	0608830189
7	SV007	0608830247
10	SV010	0608830181
15	SV015	0608830182
20	SV020	0608830183
0	SVF*	3608872180

Tightening spindle extension cable angle –straight


Length A	Code	Order no.
[mm]		
3	SVW003	0608830243
5	SVW005	0608830244
7	SVW007	0608830245
10	SVW010	0608830246
0	SVWF*	3608872190

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