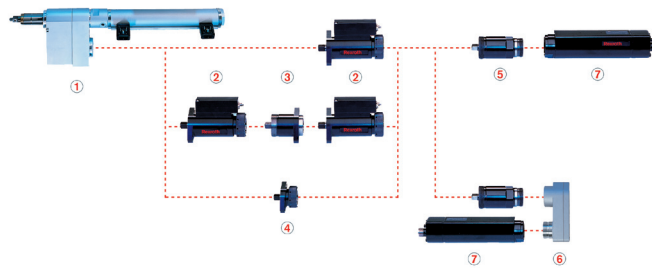


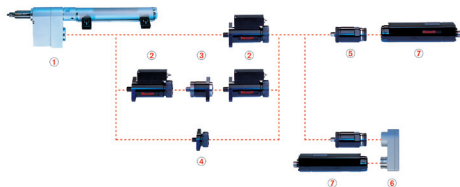
Feed Output Drive  
**1,7 - 53 Nm**  
Size 3



Feed Output Drive

**1,7 - 53 Nm ■ Size 3**

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]	Stroke [mm]	Code	Order no.	Code	Order no.	Code	Order no.	Code	Order no.
1,7 - 15	740	200	3S1	0608800610	3DMC017	0608820112	3GE27		EC303	0608701017
	295						3GE67			
	740						3GE27			
6 - 12	295		3S2	0608800611	3DMC060	0608820113	3GE67			
6 - 20	740						3GE27			
6 - 30	295						3S1	0608800610		
6 - 53	295					3GE27				

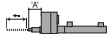
Side-by-side arrangement of tightening spindles (center-to-center distance)						
	Number of tightening spindles	2	3	4	5	6
	Smallest circle diameter Ø dmin [mm]	49	56.5	69.5	83.5	83.5

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

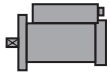
**Components**

**1) Feed Output Drive**

## Feed Output Drive

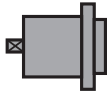
**1,7 - 53 Nm ■ Size 3**

Code		3S2	3S1
Order no.		0608800611	0608800610
Maximum torque [Nm]		20	55
Range of spring [mm]		200	
Reduction		1	
Avg. efficiency		0.93	
Length A [mm]		97	
Installation Length [mm]		204	
Weight [kg]		3,5 kg	

**2) Tightening spindles**

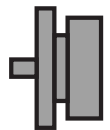
Code		3DMC017	3DMC060
Order no.			
Nominal torque [Nm]		17	60
Reduction		1	
Avg. efficiency		1	
Installation Length [mm]		118.6	
Weight [kg]		1 kg	

- 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
Order no.		0608810021
Reduction		1
Avg. efficiency		1
Installation Length [mm]		57
Weight [kg]		0.4 kg

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

**4) Adapter**

Code		3A
Order no.		0608810025
Reduction		1
Avg. efficiency		1
Installation Length [mm]		30.5
Weight [kg]		0.3 kg

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

**5) Planetary gearbox**

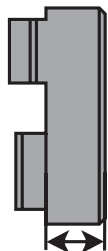
Feed Output Drive

**1,7 - 53 Nm ■ Size 3**



Code		3GE27	3GE67
Order no.		0608720053	0608720039
Reduction		27	67.4
Avg. efficiency		0.9	0.85
Installation Length	[mm]	65.5	81.5
Weight	[kg]	0,5 kg	

**6) Transverse gearbox**



Code		3ULG
Order no.		0608PE0283
Reduction		1
Avg. efficiency		0.9
Installation Length	[mm]	30.1
Weight	[kg]	0,5 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
Order no.		0608701017
Installation Length	[mm]	236
Weight	[kg]	1,3 kg

**Accessories**

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



BG	(A)	
	Code	Order no.
BG3	ML036	0608830171

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



BG	(A)		(B)	
	Code	Order no.	Code	Order no.
BG3	ML036	0608830171	MLR033	0608830174

**Tightening spindle with transverse gearbox**

Feed Output Drive

**1,7 - 53 Nm ■ Size 3**

BG	(A)	
	Code	Order no.
BG 3	ML046	0608830222

**Tightening spindle with transverse gearbox and redundant measurement transducer**

BG	(A)		(B)	
	Code	Order no.	Code	Order no.
BG 3	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

**1,7 - 53 Nm ■ Size 3**


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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