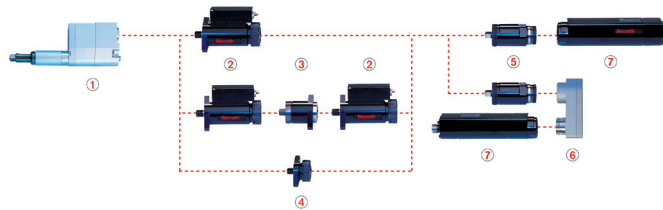


Offset Output Drive
48 - 1000 Nm
Size 4

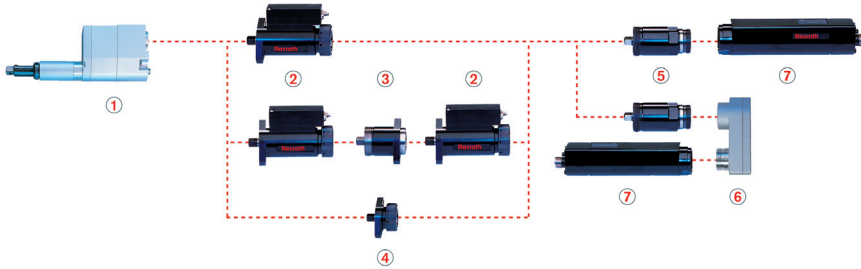


Offset Output Drive

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Documentation

- outputs
- Tightening spindles
- Gearboxes
- EC motor



Benefits:

- For tight hole templates
- Standard tool mounts
- Easy assembly due to flange connection
- Maintenance-free for 1 million full load cycles

Technical data

Tightening spindle		Offset Output Drive	Tightening spindles		PC-based		Tightening spindles	
[Nm]	[l/m]	Order no.	Code	Order no.	Code	Order no.	Code	Order no.
50 - 135	515	0608800543	5DMC530	0608820116	5GE19	0608720058	EC305	0608701019
		0608800545						
		0608800548						
115 - 335	200	-						
		-						
50 - 465	145	0608800543						
		0608800545						
		0608800548						
115 - 1000	55	-						
		-						

Side-by-side arrangement of tightening spindles (center-to-center distance)						
	Number of tightening spindles		2	3	4	5
	Smallest circle diameter Ø dmin [mm]	VN...	61	71	87	104
		VU...	94	108	133	159

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

Offset Output Drive

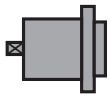
48 - 1000 Nm ■ Size 4**Components****1) Offset Output Drive**

Order no.	0608800543	0608800545	0608800548
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2) Tightening spindles

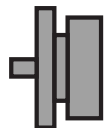
Code						
Order no.						
Nominal torque	[Nm]	0		60		
Reduction		0		1		
Avg. efficiency		0		1		
Installation Length	[mm]	0	118.6	122		
Weight	[kg]	-	1 kg	1.6 kg		

- 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

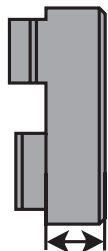
Offset Output Drive

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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 5	ML061	0608830223
	ML072	0608830236

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 5	ML061	0608830223	MLR040	0608830175

Tightening spindle with transverse gearbox

Offset Output Drive

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BG	(A)	
	Code	Order no.
BG 5	ML061	0608830223

Tightening spindle with transverse gearbox and redundant measurement transducer

BG	(A)		(B)	
	Code	Order no.	Code	Order no.
BG 5	ML061	0608830223	MLR040	0608830175

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

Offset 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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