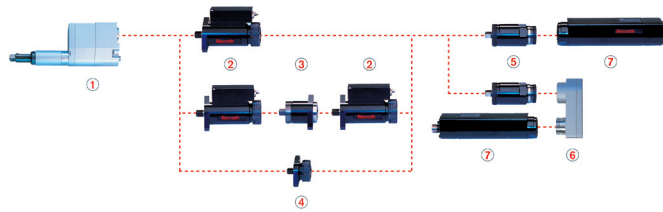


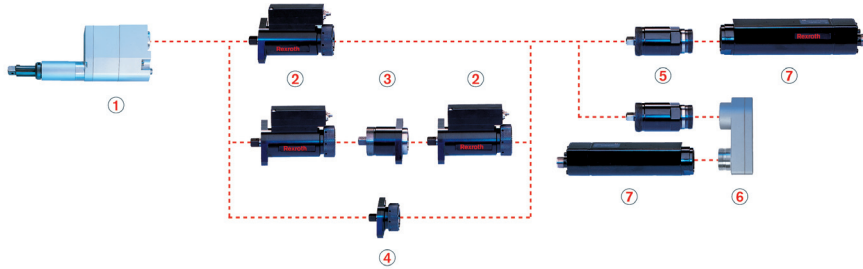
Offset Output Drive
1,6 - 51 Nm
Size 3



Offset Output Drive

1,6 - 51 Nm ■ Size 3

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	
		Range of spring	Tool mount	Code	Order no.	Code	Order no.	Code	Order no.	Code	Order no.
[Nm]	[l/m]	[mm]									
1,7 - 14,5	740	50	3/8" square		0608800629	3DMC017	0608820112	3GE27	0608720053	EC303	0608701017
		50	1/4" quick-change chuck		0608800630						
		50	3/8" square with centering pin		0608800631						
	295	50	3/8" square		0608800629						
		50	1/4" quick-change chuck		0608800630						
		50	3/8" square with centering pin		0608800631						
6 - 29	740	50	3/8" square		0608800629	3DMC060	0608820113	3GE27	0608720053		
		50	1/4" quick-change chuck		0608800630						
		50	3/8" square with centering pin		0608800631						
6 - 35	295	50	1/4" quick-change chuck		0608800630						
6 - 51		50	3/8" square		0608800629			3GE67	0608720039		
		50	3/8" square with centering pin		0608800631						

Offset Output Drive

1,6 - 51 Nm ■ Size 3

Side-by-side arrangement of tightening spindles (center-to-center distance)						
	Number of tightening spindles	2	3	4	5	6
	Smallest circle diameter \varnothing dmin [mm]	29	33.5	41	49.5	58

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

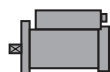
Components

1) Offset Output Drive



Code		VNS2B152	VNS2A152	VNS2C152
Order no.		0608800630	0608800629	0608800631
Maximum torque	[Nm]	35	55	
Reduction		1		
Avg. efficiency		0.93		
Length A	[mm]	152		
Installation Length	[mm]	240		
Weight	[kg]	1,2 kg		

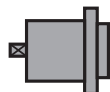
2) Tightening spindles



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

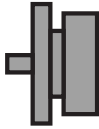


Code		3AR
Order no.		0608810021
Reduction		1
Avg. efficiency		1
Installation Length	[mm]	57
Weight	[kg]	0.4 kg

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

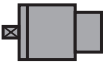
4) Adapter

Offset Output Drive

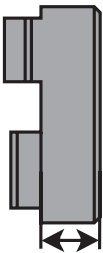
1,6 - 51 Nm ■ Size 3

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

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

Offset Output Drive

1,6 - 51 Nm ■ Size 3**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

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

Offset Output Drive

1,6 - 51 Nm ■ Size 3

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

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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