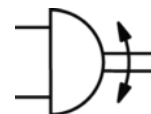
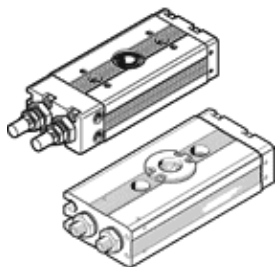


# Semi-rotary drive

## DRQD-B-20- -

Part number: 563346

FESTO



## Data sheet

Feature	values
Size	20
Setting range of swivel angle on both sides	-20 /+ 6 deg
Swivel angle	360 deg
Cushioning	P1J: Adjustable elastomer cushioning PPVJ: Pneumatic cushioning, adjustable YSRJ: Shock absorber, hard characteristic curve, adjustable
Assembly position	Any
Design structure	Rack and pinion
Max. number of intermediate positions	1
Position detection	For proximity sensor
Variants	Energy throughfeed Flanged shaft Transfer plate Spigot shaft
Operating pressure	1 ... 10 bar
Mode of operation	double-acting
ATEX category Gas	II 2G
Explosion ignition protection type Gas	c T4 X
ATEX category Dust	II 2D
Explosion ignition protection type Dust	c T120°C X
Explosion-proof ambient temperature	-10°C ≤ Ta ≤ +60°C
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
Corrosion resistance classification CRC	1
Ambient temperature	-10 ... 60 °C
Torque at 6 bar	3.1 ... 3.6 Nm
Permissible mass moment of inertia	0.001 ... 0.1 kgm <sup>2</sup>
Mounting type	Optional with through hole with internal (female) thread
Pneumatic connection	M5
Materials note	Free of copper and PTFE
Materials information for drive shaft	Heat-treatment steel
Materials information for cover	Aluminium
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Aluminium