

Semi-rotary actuator DRQD-B-16-180-P1J-A-AR-FW

Part number: 1177950
Product to be discontinued

FESTO

Type to be discontinued. Available until 2018. See Support Portal for alternative products.



Data sheet

Feature	Value
Size	16
Setting range of swivel angle on both sides	-180 /+ 6 deg
Swivel angle	180 deg
Cushioning	P1J: Adjustable elastomer cushioning
Assembly position	Any
Design structure	Rack and pinion
Max. number of intermediate positions	1
Position detection	For proximity sensor
Working pressure	3 ... 10 bar
Max. swivel frequency at 6 bar	2.5 Hz
Mode of operation	double-acting
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)
Corrosion resistance classification CRC	1
Ambient temperature	-10 ... 60 °C
Theoretical torque at 6 bar	1.6 Nm
Permissible mass moment of inertia	0.0175 kgm ²
Mounting type	Optional with through hole with internal (female) thread
Pneumatic connection	M5
Materials note	Free of copper and PTFE Conforms to RoHS
Materials information for drive shaft	Heat-treatment steel
Materials information for cover	Aluminum
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Aluminum