

Semi-rotary drive DRRD-12-

Part number: 574398

FESTO



Data sheet

Feature	Value
Size	12
Swivel angle	180 deg
Cushioning	Elastic cushioning rings/plates at both ends External hydraulic cushioning Internal hydraulic cushioning normal
Mounting position	optional
Design	Rack and pinion
Max. number of intermediate positions	1
Position detection	Via proximity switch
Operating pressure	0.2 MPa...1 MPa 2 bar...10 bar
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	-10 °C...60 °C
Theoretical torque at 0.6 MPa (6 bar, 87 psi)	0.8 Nm
Permissible mass moment of inertia	0.008 kgm ² ...0.03 kgm ²
Type of mounting	With through-hole Via female thread Either:
Pneumatic connection	M5
Note on materials	RoHS-compliant
Material drive shaft	High-alloy stainless steel
Material seals	NBR TPE-U(PU)
Material housing	Wrought aluminium alloy Smooth anodised