

# Semi-rotary drive DRRD-12-

Part number: 574398

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

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	Any
Design	Rack and pinion
Max. number of intermediate positions	1
Position detection	Via proximity switch
Symbol	00991265
Operating pressure	0.2 MPa ... 1 MPa
Operating pressure	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 <sup>2</sup> ... 0.03 kgm <sup>2</sup>
Type of mounting	With through-hole With female thread
Pneumatic connection	M5
Note on materials	RoHS compliant
Material drive shaft	High-alloy stainless steel
Material seals	NBR TPE-U(PU)
Material housing	Smooth-anodised