

Semi-rotary drive DRRD-16-180-FH-PA

Part number: 1577238

FESTO



 General operating condition

Data sheet

Feature	Value
Size	16
Cushioning angle	36 deg
Setting range of swivel angle for each end position	+10/-100 deg
Swivel angle	180 deg
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Design	Rack and pinion
Position detection	Via proximity switch
Symbol	00991265
Operating pressure	0.3 MPa ... 0.8 MPa
Operating pressure	3 bar ... 8 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
Cleanroom class	Class 5 according to ISO 14644-1
Ambient temperature	-10 °C ... 60 °C
Theoretical torque at 0.6 MPa (6 bar, 87 psi)	1.59 Nm
Permissible mass moment of inertia	0.0175 kgm ²
Product weight	640 g
Type of mounting	Either: With through-hole Via female thread
Pneumatic connection	M5
Note on materials	RoHS-compliant
Material drive shaft	Tempered steel
Material cover	Wrought aluminium alloy Anodised
Material seals	NBR TPE-U(PU)
Material housing	Smooth anodised