

# 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	Any
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 suitability, measured according to ISO 14644-14	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 <sup>2</sup>
Product weight	640 g
Type of mounting	With through-hole With 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