

Semi-rotary drive DRRD-20-180-FH-Y9A

Part number: 1427379

FESTO



Data sheet

Feature	Value
Size	20
Cushioning angle	72 deg
Setting range of swivel angle for each end position	+10/-190 deg
Swivel angle	180 deg
Cushioning	Internal hydraulic cushioning normal
Mounting position	optional
Design	Rack and pinion
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)	2.41 Nm
Permissible mass moment of inertia	0.125 kgm ²
Product weight	883 g
Type of mounting	With through-hole Via female thread Either:
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	Wrought aluminium alloy Smooth anodised