

# Semi-rotary drive DRRD-16-180-FH-Y9A

Part number: 1644389

FESTO



 General operating condition

## Data sheet

Feature	Value
Size	16
Cushioning angle	43 deg
Setting range of swivel angle for each end position	+10 /-170 deg
Swivel angle	180 deg
Cushioning	Internal hydraulic cushioning normal
Mounting position	Any
Design	Rack and pinion
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)	1.59 Nm
Permissible mass moment of inertia	0.07 kgm <sup>2</sup>
Product weight	650 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