

# Rotary actuator 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
Structural design	Gear rack/pinion
Position sensing	For proximity sensor
Symbol	00991265
Operating pressure	0.2 MPa ... 1 MPa
Operating pressure	2 bar ... 10 bar
Mode of operation	Double-acting
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	-10 °C ... 60 °C
Theoretical torque at 6 bar	1.59 Nm
Permissible mass moment of inertia	0.07 kgm <sup>2</sup>
Product weight	650 g
Type of mounting	Optionally: With through-hole With internal thread
Pneumatic connection	M5
Note on materials	RoHS-compliant
Drive shaft material	Tempered steel
Cover material	Wrought aluminum alloy Anodized
Seals material	NBR TPE-U(PU)
Housing material	Wrought aluminum alloy Smooth anodized