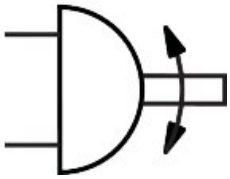
Rotary actuator
DRRD-12-180-FH-PA

Part number: 2282067





Data sheet

Feature	Value
Size	12
Cushioning angle	32 deg
Setting range of swivel angle for each end position	+10 /-100 deg
Swivel angle	180 deg
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Structural design	Gear rack/pinion
Position sensing	Via proximity switch
Operating pressure	0.3 MPa...0.8 MPa 3 bar...8 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
Cleanroom suitability, measured according to ISO 14644-14	Class 5 according to ISO 14644-1
Ambient temperature	-10 °C...60 °C
Theoretical torque at 6 bar	0.8 Nm
Permissible mass moment of inertia	0.008 kgm²
Product weight	380 g
Type of mounting	Alternatively: With through-hole With internal thread
Pneumatic connection	M5
Note on materials	RoHS compliant
Drive shaft material	high-alloy stainless steel
Seals material	NBR TPE-U(PU)
Housing material	Wrought aluminum alloy Smooth-anodized