

Rotary actuator DRRD-12-

Part number: 574398

FESTO



Data sheet

Feature	Value
Size	12
Swivel angle	180 deg
Cushioning	Elastic cushioning rings/pads at both ends External hydraulic cushioning Internal hydraulic cushioning normal
Mounting position	Any
Structural design	Gear rack/pinion
Max. number of intermediate positions	1
Position sensing	For proximity sensor
Operating pressure	0.2 MPa...1 MPa 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	0.8 Nm
Permissible mass moment of inertia	0.008 kgm²...0.03 kgm²
Type of mounting	With through-hole With internal thread Optionally:
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