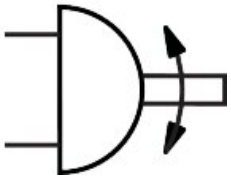
Rotary actuator
DSM-T-8-180-P-FW

Part number: 1564669





Data sheet

Feature	Value
Size	8
Cushioning angle	0.5 deg
Swivel angle	0 deg...180 deg
Permissible stop radius	10 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Structural design	Rotary vane
Position sensing	None
Operating pressure	0.4 MPa...0.8 MPa 4 bar...8 bar
Max. swivel frequency at 6 bar	3 Hz
Repetition accuracy	1 deg
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)
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	0 °C...60 °C
Max. stop force	30 N
Max. axial force	10 N
Max. radial force	20 N
Theoretical torque at 6 bar	0.7 Nm
Permissible mass moment of inertia	0.0013 kgm²
Product weight	117 g
Type of mounting	With internal thread
Pneumatic connection	M3
Note on materials	RoHS compliant
Drive shaft material	high-alloy stainless steel
Seals material	TPE-U(PU)
Housing material	Aluminum Anodized