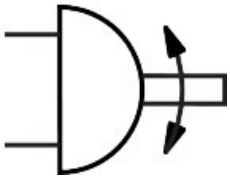
Rotary actuator
DSM-10-90-P-A-FW

Part number: 185943





Data sheet

Feature	Value
Size	10
Cushioning angle	0.5 deg
Swivel angle	0 deg...90 deg
Permissible stop radius	13 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Structural design	Rotary vane
Position sensing	Via proximity switch
Operating pressure	0.25 MPa...0.8 MPa 2.5 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-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 6 according to ISO 14644-1
Ambient temperature	0 °C...60 °C
Max. stop force	60 N
Max. axial force	10 N
Max. radial force	30 N
Theoretical torque at 6 bar	0.85 Nm
Permissible mass moment of inertia	0.0026 kgm²
Product weight	159 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

Feature	Value
	Anodized