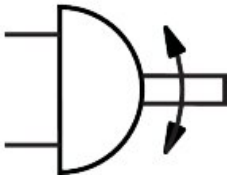
Rotary actuator
DSM-16-270-CC-HD-A-B

Part number: 1369123





Data sheet

Feature	Value
Size	16
Cushioning angle	12 deg
Adjustment range of swivel angle	0 deg...246 deg
Swivel angle	0 deg...246 deg
Permissible stop radius	17 mm
Cushioning	Pneumatic shock absorber at both ends
Mounting position	Any
Precision adjustment	-3 deg
Mode of operation	Double-acting
Structural design	Rotary vane
Position sensing	Via proximity switch
Operating pressure	0.3 MPa...1 MPa 3 bar...10 bar
Max. swivel frequency at 6 bar	1 Hz
Repetition accuracy	0.1 deg
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
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
Ambient temperature	-10 °C...60 °C
Max. stop force	160 N
Max. axial force	290 N
Max. radial force	300 N
Theoretical torque at 6 bar	2.5 Nm
Permissible mass moment of inertia	0.02 kgm²
Product weight	705 g
Type of mounting	With internal thread
Pneumatic connection	M5
Note on materials	RoHS compliant
Drive shaft material	Steel Nickel-plated
Seals material	TPE-U(PU)

Feature	Value
Housing material	Anodized aluminum