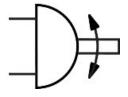
## Rotary actuator DSM-40-270-P1-A-B Part number: 566211

**FESTO** 





## **Data sheet**

Feature	Value
Size	40
Cushioning angle	6.5 deg
Adjustment range of swivel angle	0 deg240 deg
Swivel angle	0 deg240 deg
Permissible stop radius	40 mm
Cushioning	Elastic cushioning rings/pads at both ends with fixed stop
Mounting position	Any
Precision adjustment	-6 deg
Mode of operation	Double-acting
Structural design	Rotary vane
Position sensing	For proximity sensor
Operating pressure	0.15 MPa1 MPa 1.5 bar10 bar
Max. swivel frequency at 6 bar	2 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 °C60 °C
Max. stop force	650 N
Max. axial force	120 N
Max. radial force	350 N
Theoretical torque at 6 bar	20 Nm
Permissible mass moment of inertia	0.105 kgm²
Product weight	2870 g
Type of mounting	With internal thread
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Drive shaft material	Steel Nickel-plated
Seals material	TPE-U(PU)

Feature	Value
Housing material	Wrought aluminum alloy