

Rotary actuator DSM-8-180-P-A

Part number: 173198

FESTO



Data sheet

Feature	Value
Size	8
Cushioning angle	0.5 deg
Swivel angle	0 deg...180 deg
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Structural design	Rotary vane
Position sensing	For proximity sensor
Operating pressure	3.5 bar...8 bar
Max. swivel frequency at 6 bar	3 Hz
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-B1/B2-L
Cleanroom class	Class 6 according to ISO 14644-1
Ambient temperature	0 °C...60 °C
Theoretical torque at 6 bar	0.35 Nm
Permissible mass moment of inertia	0.0013 kgm ²
Product weight	85 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