

# Rotary actuator DSM-T-10-180-P-FW

Part number: 1561556

FESTO



 General operating condition

## Data sheet

Feature	Value
Size	10
Cushioning angle	0.5 deg
Swivel angle	0 deg ... 180 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	None
Symbol	00991265
Operating pressure	0.35 MPa ... 0.8 MPa
Operating pressure	3.5 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-B2-L
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	1.7 Nm
Permissible mass moment of inertia	0.0026 kgm <sup>2</sup>
Product weight	210 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	Anodized