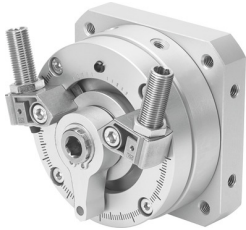


Rotary actuator DSM-12-270-P1-A-B

Part number: 566203

FESTO



Data sheet

Feature	Value
Size	12
Cushioning angle	10 deg
Adjustment range of swivel angle	0 deg ... 246 deg
Swivel angle	0 deg ... 246 deg
Type code	DSM
Cushioning	Elastic cushioning rings/pads at both ends with fixed stop
Mounting position	Any
Precision adjustment	-6 deg
Mode of operation	Double-acting
Design	Rotary vane
Position sensing	For proximity sensor
Symbol	00991265
Operating pressure	2 bar ... 10 bar
Max. swivel frequency at 6 bar	2 Hz
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
Corrosion resistance class (CRC)	0 - No corrosion stress
Ambient temperature	-10 °C ... 60 °C
Max. axial force	18 N
Max. radial force	45 N
Theoretical torque at 6 bar	1.25 Nm
Permissible mass moment of inertia	0.015 kgm ²
Product weight	285 g
Type of mounting	With internal thread
Pneumatic connection	M5
Note on materials	RoHS-compliant Free of copper and PTFE
Drive shaft material	Nickel-plated Steel
Seals material	TPE-U(PU)
Housing material	Wrought aluminum alloy