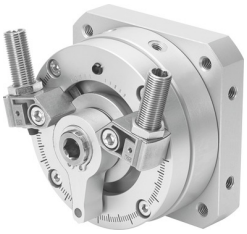
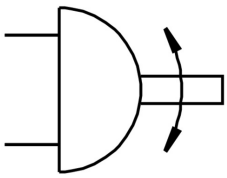
Rotary actuator
DSM-16-270-P1-A-B

Part number: 566205

FESTO





Data sheet

Feature	Value
Size	16
Cushioning angle	9 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	1.8 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	30 N
Max. radial force	75 N
Theoretical torque at 6 bar	2.5 Nm
Permissible mass moment of inertia	0.03 kgm²
Product weight	475 g
Type of mounting	With internal thread
Pneumatic connection	M5
Note on materials	Free of copper and PTFE RoHS-compliant
Drive shaft material	Steel Nickel-plated
Seals material	TPE-U(PU)
Housing material	Wrought aluminum alloy