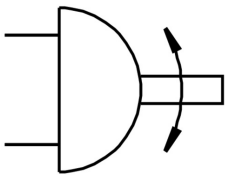
Rotary actuator
DSM-32-270-P1-HD-A-B

Part number: 1369119



Data sheet

Feature	Value
Size	32
Cushioning angle	6.5 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
Structural design	Rotary vane
Position sensing	For proximity sensor
Symbol	00991265
Operating pressure	2 bar ... 10 bar
Max. swivel frequency at 6 bar	1.5 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	450 N
Max. radial force	550 N
Theoretical torque at 6 bar	10 Nm
Permissible mass moment of inertia	0.075 kgm²
Product weight	2035 g
Type of mounting	With internal thread
Pneumatic connection	G1/8
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