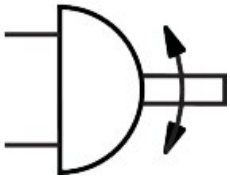
Rotary actuator
DRVS-12-180-P

Part number: 1845711





Data sheet

Feature	Value
Size	12
Cushioning angle	0.5 deg
Swivel angle	0 deg...180 deg
Permissible stop radius	15 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Structural design	Rotary vane
Position sensing	Via proximity switch
Variants	Spigot shaft
Operating pressure	0.25 MPa...0.8 MPa 2.5 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)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Suitability for the production of Li-ion batteries	Suitable for battery production with reduced Cu/Zn/Ni values (F1a)
Cleanroom suitability, measured according to ISO 14644-14	Class 5 according to ISO 14644-1
Ambient temperature	0 °C...60 °C
Max. stop force	90 N
Max. axial force	20 N
Max. radial force	25 N
Theoretical torque at 6 bar	1 Nm
Permissible mass moment of inertia	0.005 kgm²
Product weight	152 g
Type of mounting	With internal thread
Pneumatic connection	M5
Note on materials	RoHS compliant
Drive shaft material	high-alloy stainless steel

Feature	Value
Seals material	TPE-U(PU)
Housing material	Die cast aluminum, painted