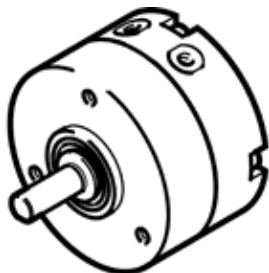


Semi-rotary actuator DRVS-8-180-P

Part number: 1845709

★ Core product range

FESTO



Data sheet

Feature	Value
Size	8
Cushioning angle	0.5 deg
Swivel angle	0 ... 180 deg
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Design structure	Rotary vane
Position detection	For proximity sensor
Variants	Spigot shaft
Operating pressure MPa	0.35 ... 0.8 MPa
Working pressure	3.5 ... 8 bar
Max. swivel frequency at 0.6 MPa (6 bar, 87 psi)	3 Hz
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B2-L
RSBP classification to CD-0033	F1a
Cleanroom class	ISO class 6
Ambient temperature	0 ... 60 °C
Max. axial force	10 N
Max. radial force	20 N
Theoretical torque at 0.6 MPa (6 bar, 87 psi)	0.35 Nm
Permissible mass moment of inertia	0.0013 kgm ²
Product weight	68 g
Mounting type	with internal (female) thread
Pneumatic connection	M3
Materials note	Conforms to RoHS
Material of drive shaft	High alloy steel, non-corrosive
Material seals	TPE-U(PU)
Material housing	Anodised wrought aluminium alloy