

# Semi-rotary drive DRVS-12-180-P

Part number: 1845711

**FESTO**



## 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/plates at both ends
Mounting position	optional
Mode of operation	Double-acting
Design	Vane
Position detection	Via proximity switch
Variants	Spigot shaft
Operating pressure	0.25 MPa...0.8 MPa 2.5 bar...8 bar
Max. swivel frequency at 0.6 MPa (6 bar, 87 psi)	3 Hz
Repetition accuracy	1 deg
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Cleanroom class	Class 6 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 0.6 MPa (6 bar, 87 psi)	1 Nm
Permissible mass moment of inertia	0.005 kgm <sup>2</sup>
Product weight	152 g
Type of mounting	Via female thread
Pneumatic connection	M5
Note on materials	RoHS-compliant
Material drive shaft	High-alloy stainless steel
Material seals	TPE-U(PU)

Feature	Value
Material housing	Painted die cast aluminium