

Semi-Rotary Drive DRVS-12-90-P - Festo 1845710

Item no. FES-1845710

Manufacturer Festo

EAN 4052568264154

Festo rotary actuator for defined swivel motion and positioning in automation.

TECHNICAL DATA

Ausführungstyp	Zapfenwelle
Betriebsdruck max [bar]	8.000000
Corrosion resistance class CRC	1 - low corrosion stress
Cushioning	P: Elastic silencer rings / plates double-sided
Design	Rotary vane
Dichtmaterial	TPE-U(PU)
Funktion	double-acting
HS-Code	84123900
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Pneumatic connection	M5
Position sensing	Yes
Series	DRVS
Temperature (max.)	60
Weight	0.165 kg



STANDARDS & COMPLIANCE

ISO 8573-1:2010

DESCRIPTION

Festo rotary actuator for defined swivel motion and positioning in automation. The key technical data of this genuine Festo article are listed below.

size	12
Dampening angle [deg]	0,5
Swivel angle [deg]	0 to 90
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Principle of operation	double acting
Construction set up	Rotary vane
Position detection	For proximity switch

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Variants	Tap shaft
Operating pressure [bar]	2.5 to 8
Max. swivel frequency at 6 bar [Hz]	3
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	1 - low corrosion stress
ambient temperature [°C]	0 to 60
Max. axial force [N]	20
Max. radial force [N]	25
Theoretical torque at 6 bar [Nm]	1,00
Permitted mass moment of inertia [kg/m²]	0,00500
Product weight [g]	154
Fastening type	with female thread
Pneumatic connection	M5
Material information	RoHs compliant
Drive shaft material	High-alloyed stainless steels
Seals material	TPE-U(PU)
Housing material	Aluminium die casting painted