

Semi-Rotary Drive DSM-16-270-P1-A-B - Festo 566205

Item no. FES-566205

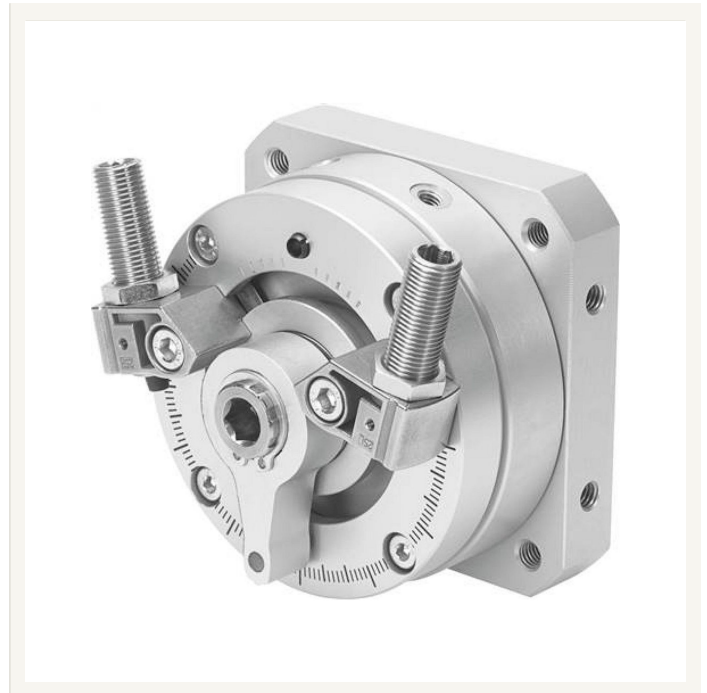
Manufacturer Festo

EAN 4052568213442

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

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
HS-Code	84123900
Pneumatischer Anschluss	M5
Weight	0.55 kg
Werkstoff	Aluminium



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	16
Dampening angle [deg]	9,0
Settings range swivel angle [deg]	0 to 246
Swivel angle [deg]	0 to 246
Dampening	P1: Elastic silencer rings / plates double-sided With fixed limit stop
installation position	arbitrary
Fine adjustment [deg]	-6
Principle of operation	double acting
Construction set up	Rotary vane
Position detection	For proximity switch
Operating pressure [bar]	1.8 to 10

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Max. swivel frequency at 6 bar [Hz]	2,0
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Corrosion resistant class KBK	0 - No corrosion stressing
ambient temperature [°C]	-10 to 60
Max. axial force [N]	30
Max. radial force [N]	75
Theoretical torque at 6 bar [Nm]	2,50
Permitted mass moment of inertia [kg/m²]	0,03000
Product weight [g]	475
Fastening type	with female thread
Pneumatic connection	M5
Material information	Copper and PTFE-free RoHs compliant
Drive shaft material	Nickel- plated steel
Seals material	TPE-U(PU)
Housing material	Aluminium wrought alloy