

Semi-Rotary Drive DSM-40-270-P1-HD-A-B - Festo 1369120

Item no. FES-1369120

Manufacturer Festo

EAN 4052568231248

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

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Corrosion resistance class CRC	0 - No corrosion stressing
Cushioning	P1: Elastic silencer rings / plates double-sided With fixed limit stop
Design	Rotary vane
Dichtmaterial	TPE-U(PU)
Funktion	doppeltwirkend
HS-Code	84123900
Medium	Druckluft
Mounting position	arbitrary
Pneumatischer Anschluss	G1/8
Position sensing	Yes
Serie	DSM
Temperature (max.)	60
Weight	4.2 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	40
Dampening angle [deg]	6,5
Settings range swivel angle [deg]	0 to 240
Swivel angle [deg]	0 to 240
Dampening	P1: Elastic silencer rings / plates double-sided With fixed limit stop
installation position	arbitrary
Fine adjustment [deg]	-6
Principle of operation	double acting

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Construction set up	Rotary vane
Position detection	For proximity switch
Operating pressure [bar]	2 to 10
Max. swivel frequency at 6 bar [Hz]	1,5
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]	950
Max. radial force [N]	1.200
Theoretical torque at 6 bar [Nm]	20,00
Permitted mass moment of inertia [kg/m²]	0,10500
Product weight [g]	4.100
Fastening type	with female thread
Pneumatic connection	G1/8
Material information	Copper and PTFE-free RoHs compliant
Drive shaft material	Nickel- plated steel
Seals material	TPE-U(PU)
Housing material	Aluminium wrought alloy