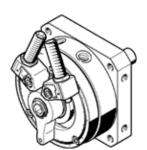
semi-rotary drive DSM-16-270-P1-A-B Part number: 566205

FESTO

With spigot shaft, elastic cushioning rings/pads at both ends with fixed





Data sheet

Feature	Value
Size	16
Cushioning angle	9 deg
Rotation angle adjustment range	0 246 deg
Swivel angle	0 246 deg
Cushioning	P1: Flexible cushioning rings/plates with stop at both ends
Assembly position	Any
Fine adjustment	-6 deg
Mode of operation	double-acting
Design structure	Rotary vane
Position detection	For proximity sensor
Operating pressure MPa	0.18 1 MPa
Operating pressure	1.8 10 bar
Max. swivel frequency at 0.6 MPa (6 bar, 87 psi)	2 Hz
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-]
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 60 °C
Max. axial force	30 N
Max. radial force	75 N
Theoretical torque at 0.6 MPa (6 bar, 87 psi)	2.5 Nm
Permissible mass moment of inertia	0.03 kgm2
Product weight	475 g
Mounting type	with internal (female) thread
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material of drive shaft	Steel
	Nickel plated
Material seals	TPE-U(PU)
Material housing	Wrought Aluminium alloy