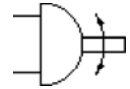


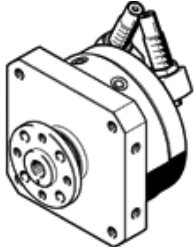
semi-rotary drive

DSM-40-270-CC-FW-A-B

Part number: 547589

FESTO

with flanged shaft, shock absorbers at both ends and position sensing


[PDF](#) General operating conditions

[PDF](#) Data sheet

Data sheet

Feature	Value
Size	40
Cushioning angle	16 deg
Rotation angle adjustment range	0 ... 240 deg
Swivel angle	0 ... 240 deg
Cushioning	CC: Shock absorber 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	1.5 ... 10 bar
Max. swivel frequency at 6 bar	0.7 Hz
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-]
Corrosion resistance classification CRC	0 - No corrosion stress
Ambient temperature	-10 ... 60 °C
Max. axial force	120 N
Max. radial force	350 N
Theoretical torque at 6 bar	20 Nm
Permissible mass moment of inertia	0.11 kgm ²
Product weight	2,935 g
Mounting type	with internal (female) thread
Pneumatic connection	G1/8
Materials note	Free of copper and PTFE Conforms to RoHS
Material of drive shaft	Steel Nickel plated
Material seals	TPE-U(PU)
Material housing	Wrought Aluminium alloy