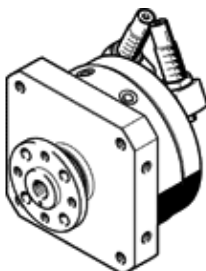


semi-rotary drive DSM-12-270-CC-FW-A-B

Part number: 547573

FESTO

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



Data sheet

Feature	values
Size	12
Cushioning angle	15 deg
Rotation angle adjustment range	0 ... 246 deg
Swivel angle	0 ... 246 deg
Cushioning	CC: Shock absorber at both ends
Assembly position	Any
Fine adjustment	-3 deg
Mode of operation	double-acting
Design structure	Rotary vane
Position detection	For proximity sensor
Operating pressure	2 ... 10 bar
Max. swivel frequency at 6 bar	1.5 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	18 N
Max. radial force	45 N
Theoretical torque at 6 bar	1.25 Nm
Permissible mass moment of inertia	0.008 kgm ²
Product weight	300 g
Mounting type	with internal (female) thread
Pneumatic connection	M5
Materials note	Free of copper and PTFE Conforms to RoHS
Materials information for drive shaft	Steel Nickel plated
Materials information for seals	TPE-U(PU)
Materials information, housing	Wrought Aluminium alloy