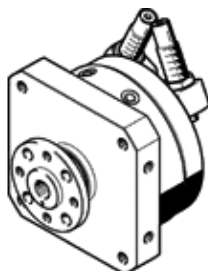


semi-rotary drive DSM-63-270-CC-FW-A-B

Part number: 552082

FESTO

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



Data sheet

Feature	Value
Size	63
Cushioning angle	17.5 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	-3 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	0.6 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	500 N
Max. radial force	500 N
Theoretical torque at 6 bar	40 Nm
Permissible mass moment of inertia	0.5 kgm ²
Product weight	5,400 g
Mounting type	with internal (female) thread
Pneumatic connection	G1/4
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