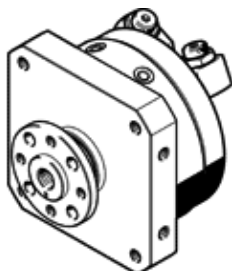


# semi-rotary drive DSM-63-270-P-FW-A-B

Part number: 552080

FESTO

with flanged shaft, fixed stop and position sensing



## Data sheet

Feature	values
Size	63
Cushioning angle	2 deg
Rotation angle adjustment range	0 ... 270 deg
Swivel angle	0 ... 270 deg
Cushioning	P: Flexible cushioning rings/plates 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	1.6 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	0.15 kgm <sup>2</sup>
Product weight	5,150 g
Mounting type	with internal (female) thread
Pneumatic connection	G1/4
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