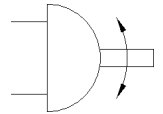
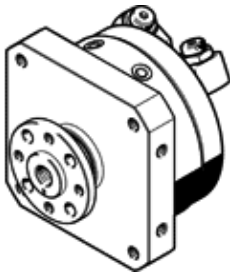


# Semi-rotary actuator DSM-25-270-P-FW-A-B

Part number: 547579

FESTO

with flanged shaft, fixed stop and position sensing



## Data sheet

Feature	Value
Size	25
Cushioning angle	1.2 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
Working pressure	1.5 ... 10 bar
Max. swivel frequency at 6 bar	2 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	50 N
Max. radial force	120 N
Theoretical torque at 6 bar	5 Nm
Permissible mass moment of inertia	0.015 kgm <sup>2</sup>
Product weight	725 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 Aluminum alloy