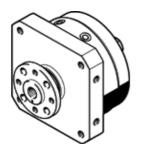
## Semi-rotary actuator DSM-16-270-FW-A-B Part number: 547597

**FESTO** 

with flanged shaft and position sensing





## **Data sheet**

Feature	Value
Size	16
Swivel angle	0 270 deg
Assembly position	Any
Mode of operation	double-acting
Design structure	Rotary vane
Position detection	For proximity sensor
Operating pressure MPa	0.18 1 MPa
Working pressure	1.8 10 bar
Max. swivel frequency at 0.6 MPa (6 bar, 87 psi)	2 Hz
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-]
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 60 °C
Max. axial force	30 N
Max. radial force	75 N
Theoretical torque at 0.6 MPa (6 bar, 87 psi)	2.5 Nm
Product weight	450 g
Mounting type	with internal (female) thread
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material of drive shaft	Steel
	Nickel plated
Material seals	TPE-U(PU)
Material housing	Wrought Aluminum alloy