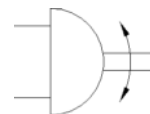
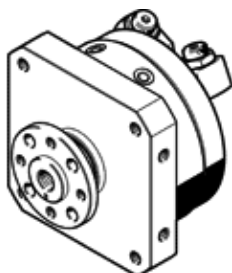


Semi-rotary actuator DSM-25-270-P-FW-A-B

Part number: 547579

FESTO

with flanged shaft, fixed stop and position sensing



Data sheet

| Feature | values |
|---|--|
| 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 |
| 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 ² |
| 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 |