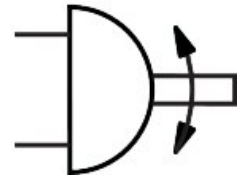
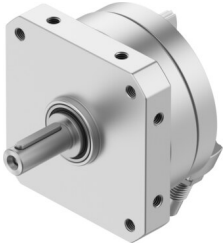


Semi-rotary drive DSM-25-270-CC-A-B

Part number: 547580

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|--|
| Size | 25 |
| Cushioning angle | 10 deg |
| Rotation angle adjustment range | 0 deg ... 246 deg |
| Swivel angle | 0 deg ... 246 deg |
| Permissible stop radius | ≥21 mm |
| Cushioning | Shock absorber at both ends |
| Mounting position | optional |
| Fine adjustment | -3 deg |
| Mode of operation | Double-acting |
| Design | Vane |
| Position detection | Via proximity switch |
| Symbol | 00991265 |
| Operating pressure | 0.15 MPa ... 1 MPa |
| Operating pressure | 1.5 bar ... 10 bar |
| Max. swivel frequency at 0.6 MPa (6 bar, 87 psi) | 1 Hz |
| Repetition accuracy | 0.1 deg |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:-:-] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -10 °C ... 60 °C |
| Max. stop force | 320 N |
| Max. axial force | 50 N |
| Max. radial force | 120 N |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi) | 5 Nm |
| Permissible mass moment of inertia | 0.03 kgm ² |
| Product weight | 710 g |
| Type of mounting | Via female thread |
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |
| Material drive shaft | Steel Nickel-plated |
| Material seals | TPE-U(PU) |
| Material housing | Anodised aluminium |