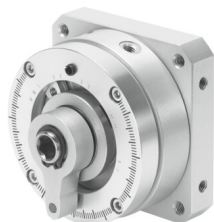


# Semi-rotary drive DSM-32-270-A-B

Part number: 547594

**FESTO**



## Data sheet

| Feature   | Value  |
|---|--|
| Size  | 32   |
| Swivel angle  | 0 deg...270 deg  |
| Permissible stop radius                                   | 28 mm  |
| Mounting position   | optional   |
| Mode of operation   | Double-acting  |
| Design  | Vane   |
| Position detection  | Without  |
| Operating pressure  | 0.15 MPa...1 MPa<br>1.5 bar...10 bar   |
| Max. swivel frequency at 0.6 MPa (6 bar, 87 psi)          | 2 Hz   |
| 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  |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 6 according to ISO 14644-1   |
| Ambient temperature                                       | -10 °C...60 °C   |
| Max. stop force   | 480 N  |
| Max. axial force  | 75 N   |
| Max. radial force   | 200 N  |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi)             | 10 Nm  |
| Product weight  | 1250 g   |
| Type of mounting  | Via female thread  |
| Pneumatic connection                                      | G1/8   |
| Note on materials   | RoHS-compliant   |
| Material drive shaft                                      | Steel<br>Nickel-plated   |
| Material seals  | TPE-U(PU)  |
| Material housing  | Wrought aluminium alloy  |