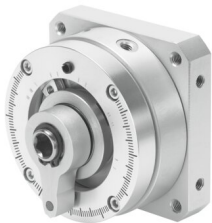



# Rotary actuator DSM-32-270-A-B

Part number: 547594

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Size  | 32   |
| Swivel angle  | 0 deg ... 270 deg  |
| Permissible stop radius                                   | ≥28 mm   |
| Mounting position   | Any  |
| Mode of operation   | Double-acting  |
| Structural design   | Rotary vane  |
| Position sensing  | None   |
| Symbol  | 00991265   |
| Operating pressure  | 0.15 MPa ... 1 MPa   |
| Operating pressure  | 1.5 bar ... 10 bar   |
| Max. swivel frequency at 6 bar                            | 2 Hz   |
| Operating medium  | Compressed air as per ISO 8573-1:2010 [7:-:-]                      |
| Information on operating and pilot media                  | Operation with oil lubrication possible (required for further use) |
| 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 6 bar                               | 10 Nm  |
| Product weight  | 1250 g   |
| Type of mounting  | With internal thread   |
| Pneumatic connection                                      | G1/8   |
| Note on materials   | RoHS-compliant   |
| Drive shaft material                                      | Steel<br>Nickel-plated   |
| Seals material  | TPE-U(PU)  |
| Housing material  | Aluminum, anodized   |