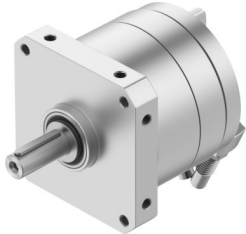


# Semi-rotary drive DSM-T-32-270-CC-A-B

Part number: 1145106

FESTO



 General operating condition

## Data sheet

| Feature                                          | Value                                    |
|--------------------------------------------------|------------------------------------------|
| Size                                             | 32                                       |
| Cushioning angle                                 | 12 deg                                   |
| Rotation angle adjustment range                  | 0 deg ... 246 deg                        |
| Swivel angle                                     | 0 deg ... 246 deg                        |
| 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                               | 0.2 MPa ... 1 MPa                        |
| Operating pressure                               | 2 bar ... 10 bar                         |
| Max. swivel frequency at 0.6 MPa (6 bar, 87 psi) | 0.7 Hz                                   |
| Operating medium                                 | Compressed air to ISO 8573-1:2010[7:-:-] |
| Corrosion resistance class CRC                   | 0 - No corrosion stress                  |
| LABS (PWIS) conformity                           | VDMA24364-B2-L                           |
| Ambient temperature                              | -10 °C ... 60 °C                         |
| Max. axial force                                 | 75 N                                     |
| Max. radial force                                | 200 N                                    |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi)    | 20 Nm                                    |
| Permissible mass moment of inertia               | 0.05 kgm <sup>2</sup>                    |
| Product weight                                   | 2075 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                  |