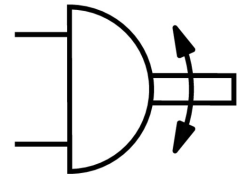
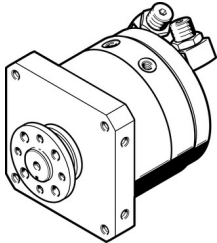


# Semi-rotary drive DSM-T-40-270-P-FW-A-B

Part number: 1145111

FESTO



## Data sheet

 General operating condition

| Feature                                          | Value                                        |
|--------------------------------------------------|----------------------------------------------|
| Size                                             | 40                                           |
| Cushioning angle                                 | 2 deg                                        |
| Rotation angle adjustment range                  | 0 deg ... 270 deg                            |
| Swivel angle                                     | 0 deg ... 270 deg                            |
| Cushioning                                       | Elastic cushioning rings/plates at both ends |
| Mounting position                                | optional                                     |
| Fine adjustment                                  | -6 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) | 2 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                                 | 120 N                                        |
| Max. radial force                                | 350 N                                        |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi)    | 40 Nm                                        |
| Permissible mass moment of inertia               | 0.035 kgm <sup>2</sup>                       |
| Product weight                                   | 4005 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                      |