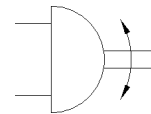
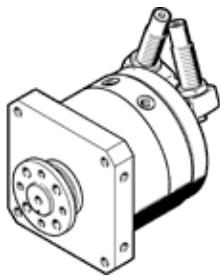


# semi-rotary drive DSM-T-40-270-CC-FW-A-B

Part number: 1145113

FESTO



## Data sheet

| Feature                                 | Value  |
|---|--|
| Size                                    | 40   |
| Cushioning angle                        | 16 deg   |
| Rotation angle adjustment range         | 0 ... 240 deg  |
| Swivel angle                            | 0 ... 240 deg  |
| Cushioning                              | CC: Shock absorber at both ends                          |
| Assembly position                       | Any  |
| Fine adjustment                         | -6 deg   |
| Mode of operation                       | double-acting  |
| Design structure                        | Rotary vane  |
| Position detection                      | For proximity sensor                                     |
| Operating pressure                      | 2 ... 10 bar   |
| Max. swivel frequency at 6 bar          | 0.7 Hz   |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:-:-] |
| Corrosion resistance classification CRC | 0 - No corrosion stress                                  |
| Ambient temperature                     | -10 ... 60 °C  |
| Max. axial force                        | 120 N  |
| Max. radial force                       | 350 N  |
| Theoretical torque at 6 bar             | 40 Nm  |
| Permissible mass moment of inertia      | 0.11 kgm <sup>2</sup>                                    |
| Product weight                          | 4,105 g  |
| Mounting type                           | with internal (female) thread                            |
| Pneumatic connection                    | G1/8   |
| Materials note                          | Free of copper and PTFE<br>Conforms to RoHS              |
| Material of drive shaft                 | Steel<br>Nickel plated                                   |
| Material seals                          | TPE-U(PU)  |
| Material housing                        | Wrought Aluminium alloy                                  |