

# Semi-rotary drive DRVS-40-270-P

Part number: 1845724

FESTO



## Data sheet

| Feature   | Value  |
|---|--|
| Size  | 40   |
| Cushioning angle  | 0.5 deg  |
| Swivel angle  | 0 deg...270 deg  |
| Permissible stop radius                                   | 40 mm  |
| Cushioning  | Elastic cushioning rings/plates at both ends   |
| Mounting position   | optional   |
| Mode of operation   | Double-acting  |
| Design  | Vane   |
| Position detection  | Via proximity switch   |
| Variants  | Spigot shaft   |
| Operating pressure  | 0.2 MPa...0.8 MPa<br>2 bar...8 bar   |
| Max. swivel frequency at 0.6 MPa (6 bar, 87 psi)          | 2 Hz   |
| Repetition accuracy                                       | 1 deg  |
| Operating medium  | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Note on operating and pilot medium                        | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                            | 1 - Low corrosion stress   |
| LABS (PWIS) conformity                                    | VDMA24364-B2-L   |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 5 according to ISO 14644-1   |
| Ambient temperature                                       | 0 °C...60 °C   |
| Max. stop force   | 650 N  |
| Max. axial force  | 120 N  |
| Max. radial force   | 350 N  |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi)             | 20 Nm  |
| Permissible mass moment of inertia                        | 0.035 kgm <sup>2</sup>   |
| Product weight  | 1470 g   |
| Type of mounting  | Via female thread  |
| Pneumatic connection                                      | G1/8   |
| Note on materials   | RoHS-compliant   |
| Material drive shaft                                      | Nickel-plated steel  |
| Material seals  | TPE-U(PU)  |

| Feature          | Value                      |
|------------------|----------------------------|
| Material housing | Painted die cast aluminium |