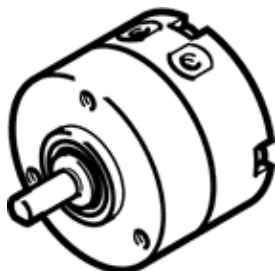


Semi-rotary actuator DRVS-6-180-P-EX4

Part number: 2536484

FESTO



Data sheet

| Feature | Value |
|---|---|
| Size | 6 |
| Cushioning angle | 0.5 deg |
| Swivel angle | 0 ... 180 deg |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Mode of operation | double-acting |
| Design structure | Rotary vane |
| Position detection | For proximity sensor |
| Variants | Spigot shaft |
| Operating pressure MPa | 0.35 ... 0.8 MPa |
| Working pressure | 3.5 ... 8 bar |
| Max. swivel frequency at 0.6 MPa (6 bar, 87 psi) | 3 Hz |
| CE symbol (see declaration of conformity) | according to EU-Ex protection guideline (ATEX) |
| UKCA marking (see declaration of conformity) | To UK EX instructions |
| Explosion protection certification outside the EU | EPL Db (GB) EPL Gb (GB) |
| ATEX category Gas | II 2G |
| ATEX category Dust | II 2D |
| Explosion ignition protection type Gas | Ex h IIC T4 Gb X |
| Explosion ignition protection type Dust | Ex h IIIC T120°C Db X |
| Explosion-proof ambient temperature | 0°C ≤ Ta ≤ +60°C |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| PWIS conformity | VDMA24364-B2-L |
| Ambient temperature | 0 ... 60 °C |
| Max. axial force | 10 N |
| Max. radial force | 15 N |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi) | 0.15 Nm |
| Permissible mass moment of inertia | 0.00065 kgm ² |
| Product weight | 38 g |
| Mounting type | with internal (female) thread |
| Pneumatic connection | M3 |
| Materials note | Conforms to RoHS |
| Material of drive shaft | High alloy steel, non-corrosive |
| Material seals | TPE-U(PU) |
| Material housing | Anodised wrought aluminium alloy |