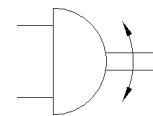
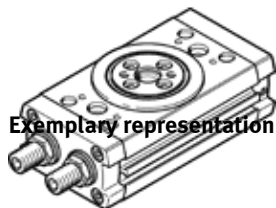


semi-rotary drive DRRD-16-

Part number: 574399

FESTO



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|---|--|
| Size | 16 |
| Swivel angle | 180 deg |
| Cushioning | P: Flexible cushioning rings/plates at both ends Y12: external hydraulic cushioning Y14: internal hydraulic cushioning, soft Y9: internal hydraulic cushioning normal |
| Assembly position | Any |
| Design structure | Rack and pinion |
| Max. number of intermediate positions | 1 |
| Position detection | For proximity sensor |
| Operating pressure MPa | 0.2 ... 1 MPa |
| Operating pressure | 2 ... 10 bar |
| Mode of operation | double-acting |
| CE mark (see declaration of conformity) | to EU directive explosion protection (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 |
| Explosion ignition protection type Dust | Ex h IIIC T120°C Db |
| Explosion-proof ambient temperature | -10°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) |
| PWIS conformity | VDMA24364 zone III |
| Ambient temperature | -10 ... 60 °C |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi) | 1.59 Nm |
| Permissible mass moment of inertia | 0.0175 ... 0.09 kgm ² |
| Mounting type | with through hole with internal (female) thread Optional |
| Pneumatic connection | M5 |
| Materials note | Conforms to RoHS |
| Material of drive shaft | Heat-treatment steel |
| Material cover | Wrought Aluminium alloy Anodised |
| Material seals | NBR TPE-U(PU) |
| Material housing | Wrought Aluminium alloy Smooth anodised |