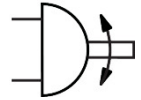



Semi-rotary drive DRRD-16-180-FH-Y9A

Part number: 1644389

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Size | 16 |
| Cushioning angle | 43 deg |
| Setting range of swivel angle for each end position | +10/-170 deg |
| Swivel angle | 180 deg |
| Cushioning | Internal hydraulic cushioning normal |
| Mounting position | optional |
| Design | Rack and pinion |
| Position detection | Via proximity switch |
| Symbol | 00991265 |
| Operating pressure | 0.2 MPa ... 1 MPa |
| Operating pressure | 2 bar ... 10 bar |
| Mode of operation | Double-acting |
| 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) |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Ambient temperature | -10 °C ... 60 °C |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi) | 1.59 Nm |
| Permissible mass moment of inertia | 0.07 kgm ² |
| Product weight | 650 g |
| Type of mounting | Either: With through-hole Via female thread |
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |
| Material drive shaft | Tempered steel |
| Material cover | Wrought aluminium alloy Anodised |
| Material seals | NBR TPE-U(PU) |
| Material housing | Wrought aluminium alloy Smooth anodised |