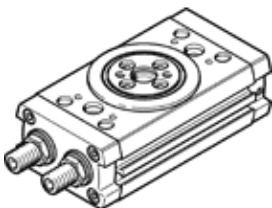


Semi-rotary actuator DRRD-16-180-FH-PA

Part number: 1577238

★ Core product range

FESTO



Data sheet

| Feature | Value |
|---|---|
| Size | 16 |
| Cushioning angle | 36 deg |
| Setting range of swivel angle on both sides | +10 / -100 deg |
| Swivel angle | 180 deg |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Design structure | Rack and pinion |
| Position detection | For proximity sensor |
| Operating pressure MPa | 0.3 ... 0.8 MPa |
| Working pressure | 3 ... 8 bar |
| Mode of operation | double-acting |
| 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 kgm ² |
| Product weight | 640 g |
| 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 Aluminum alloy Anodized |
| Material seals | NBR TPE-U(PU) |
| Material housing | Wrought Aluminum alloy Smooth anodized |