

Rotary actuator DRRD-16-180-FH-PA

Part number: 1577238

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Size | 16 |
| Cushioning angle | 36 deg |
| Setting range of swivel angle for each end position | +10 /-100 deg |
| Swivel angle | 180 deg |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Structural design | Gear rack/pinion |
| Position sensing | Via proximity switch |
| Symbol | 00991265 |
| Operating pressure | 0.3 MPa ... 0.8 MPa |
| Operating pressure | 3 bar ... 8 bar |
| Mode of operation | Double-acting |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| LABS (PWIS) conformity | VDMA24364 Zone III |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 5 according to ISO 14644-1 |
| Ambient temperature | -10 °C ... 60 °C |
| Theoretical torque at 6 bar | 1.59 Nm |
| Permissible mass moment of inertia | 0.0175 kgm ² |
| Product weight | 640 g |
| Type of mounting | With through-hole With internal thread |
| Pneumatic connection | M5 |
| Note on materials | RoHS compliant |
| Drive shaft material | Quenched and tempered steel |
| Cover material | Wrought aluminum alloy Anodized |
| Seals material | NBR TPE-U(PU) |
| Housing material | Smooth-anodized |