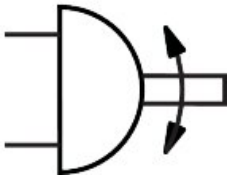
# Rotary actuator
# DRRD-16-180-FH-Y9A

Part number: 1644389





## 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 | Any |
| Structural design | Gear rack/pinion |
| Position sensing | Via proximity switch |
| Operating pressure | 0.2 MPa...1 MPa<br>2 bar...10 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 |
| Ambient temperature | -10 °C...60 °C |
| Theoretical torque at 6 bar | 1.59 Nm |
| Permissible mass moment of inertia | 0.07 kgm² |
| Product weight | 650 g |
| Type of mounting | Alternatively:<br>With through-hole<br>With internal thread |
| Pneumatic connection | M5 |
| Note on materials | RoHS compliant |
| Drive shaft material | Quenched and tempered steel |
| Cover material | Wrought aluminum alloy<br>Anodized |
| Seals material | NBR<br>TPE-U(PU) |
| Housing material | Wrought aluminum alloy<br>Smooth-anodized |