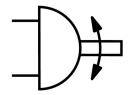
## Rotary actuator DRRD-40-180-FH-Y9A Part number: 1526986

**FESTO** 





General operating condition

## **Data sheet**

| Feature   | Value  |
|---|--|
| Size  | 40   |
| Cushioning angle                                    | 56 deg   |
| Setting range of swivel angle for each end position | +10 /-190 deg  |
| Swivel angle  | 180 deg  |
| Cushioning  | Internal hydraulic cushioning normal                               |
| Mounting position                                   | Any  |
| Structural design                                   | Gear rack/pinion   |
| Position sensing                                    | For proximity sensor   |
| Symbol  | 00991265   |
| Operating pressure                                  | 0.2 MPa 1 MPa  |
| Operating pressure                                  | 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                         | 24.1 Nm  |
| Permissible mass moment of inertia                  | 2.3 kgm <sup>2</sup>   |
| Product weight                                      | 6424 g   |
| Type of mounting                                    | Optionally:<br>With through-hole<br>With internal thread           |
| Pneumatic connection                                | G1/8   |
| Note on materials                                   | RoHS-compliant   |
| Drive shaft material                                | Tempered steel   |
| Cover material                                      | Aluminum<br>Anodized   |
| Seals material                                      | NBR<br>TPE-U(PU)   |
| Housing material                                    | Wrought aluminum alloy<br>Smooth anodized                          |