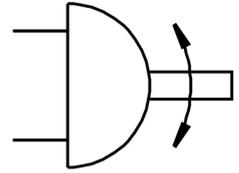


# Rotary actuator DRRD-16-180-FH-Y9A

Part number: 1644389

FESTO



## Data sheet

| Feature                                      | Value  |
|--|--|
| Size   | 16   |
| Cushioning angle                             | 43 deg   |
| Adjustment range of swivel angle, both sides | +10 /-170 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                  | 1.59 Nm  |
| Permissible mass moment of inertia           | 0.07 kgm <sup>2</sup>  |
| Product weight                               | 650 g  |
| Type of mounting                             | Optionally:<br>With through-hole<br>With internal thread           |
| Pneumatic connection                         | M5   |
| Note on materials                            | RoHS-compliant   |
| Drive shaft material                         | Tempered steel   |
| Cover material                               | Wrought aluminum alloy<br>Anodized                                 |
| Seals material                               | NBR<br>TPE-U(PU)   |
| Housing material                             | Wrought aluminum alloy<br>Smooth anodized                          |