

# Rotary actuator DRRD-35-180-FH-Y9A

Part number: 1547102

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Size  | 35   |
| Cushioning angle                                    | 85 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                                    | Via proximity switch   |
| 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                         | 15.8 Nm  |
| Permissible mass moment of inertia                  | 1.5 kgm <sup>2</sup>   |
| Product weight                                      | 4784 g   |
| Type of mounting                                    | With through-hole<br>With internal thread                          |
| Pneumatic connection                                | G1/8   |
| Note on materials                                   | RoHS compliant   |
| Drive shaft material                                | Quenched and tempered steel  |
| Cover material                                      | Aluminum<br>Anodized   |
| Seals material                                      | NBR<br>TPE-U(PU)   |
| Housing material                                    | Smooth-anodized  |