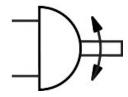
## Rotary actuator DRRD-25-180-FH-Y9A Part number: 1360248

**FESTO** 





General operating condition

## **Data sheet**

| Feature                                             | Value                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------|
| Size                                                | 25                                                                 |
| Cushioning angle                                    | 79 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                         | 5.15 Nm                                                            |
| Permissible mass moment of inertia                  | 0.15 kgm²                                                          |
| Product weight                                      | 1358 g                                                             |
| Type of mounting                                    | 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                                    | Smooth anodized                                                    |