

Semi-rotary drive DRRD-25-180-FH-PA

Part number: 1359980

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Size | 25 |
| Cushioning angle | 33 deg |
| Setting range of swivel angle for each end position | +10 /-100 deg |
| Swivel angle | 180 deg |
| Cushioning | Elastic cushioning rings/plates at both ends |
| Mounting position | Any |
| Design | Rack and pinion |
| Position detection | Via proximity switch |
| Symbol | 00991265 |
| Operating pressure | 0.3 MPa ... 0.8 MPa |
| Operating pressure | 3 bar ... 8 bar |
| Mode of operation | Double-acting |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 5 according to ISO 14644-1 |
| Ambient temperature | -10 °C ... 60 °C |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi) | 5.15 Nm |
| Permissible mass moment of inertia | 0.09 kgm ² |
| Product weight | 1349 g |
| Type of mounting | With through-hole With female thread |
| Pneumatic connection | M5 |
| Note on materials | RoHS compliant |
| Material drive shaft | Tempered steel |
| Material cover | Wrought aluminium alloy anodised |
| Material seals | NBR TPE-U(PU) |
| Material housing | Smooth-anodised |