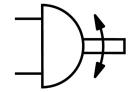
Semi-rotary drive DRRS-25-180-FH-PA Part number: 8163613





General operating condition

Data sheet

| Feature | Value |
|---|---|
| Size | 25 |
| Cushioning angle | 25.5 deg |
| Setting range of swivel angle for each end position | +10 /-100 deg |
| Axial eccentricity of plate | <0.07 mm |
| Swivel angle | 180 deg |
| Min. swivel angle | 45 deg |
| Max. swivel angle | 200 deg |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Structural design | Gear rack/pinion |
| Position sensing | For proximity sensor |
| Symbol | 00991265 |
| Operating pressure | 0.3 MPa 0.8 MPa |
| Operating pressure | 3 bar 8 bar |
| Repetition accuracy | 0.07 deg |
| 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) |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364-C1-L |
| Suitability for the production of Li-ion batteries | Metals with more than 1% by mass of copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel- plated surfaces, printed circuit boards, cables, electrical plug connectors and coils |
| Cleanroom class | Class 9 according to ISO 14644-1 |
| Storage temperature | -20 °C 60 °C |
| Ambient temperature | 0 ℃ 60 ℃ |
| Theoretical torque at 6 bar | 6.6 Nm |
| Permissible mass moment of inertia | 0.04 kgm ² |
| Max. bending moment | 10 Nm |
| Max. axial load static | 450 N |
| Product weight | 1240 g |
| Type of mounting | Optionally: With mounting kit With through-hole With internal thread |

| Feature | Value |
|-----------------------|------------------------|
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |
| Seals material | NBR TPE-U(PU) |
| Housing material | Aluminum, anodized |
| Flange shaft material | Wrought aluminum alloy |
| Pinion material | Tempered steel |