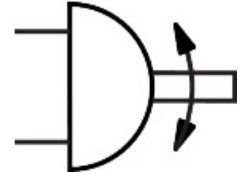



Semi-rotary drive DRRD-12-

Part number: 574398

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|---|---|
| Size | 12 |
| Swivel angle | 180 deg |
| Cushioning | Elastic cushioning rings/plates at both ends External hydraulic cushioning Internal hydraulic cushioning normal |
| Mounting position | optional |
| Design | Rack and pinion |
| Max. number of intermediate positions | 1 |
| Position detection | 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 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 |
| Ambient temperature | -10 °C ... 60 °C |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi) | 0.8 Nm |
| Permissible mass moment of inertia | 0.008 kgm ² ... 0.03 kgm ² |
| Type of mounting | Either: With through-hole Via female thread |
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |
| Material drive shaft | High-alloy stainless steel |
| Material seals | NBR TPE-U(PU) |
| Material housing | Smooth anodised |