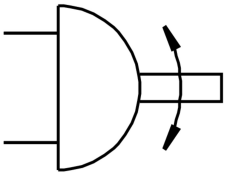
# Semi-rotary drive DRRD-35-180-FH-Y9A

Part number: 1547102



## Data sheet

| Feature | Value |
|---|---|
| Size | 35 |
| Cushioning angle | 85 deg |
| Setting range of swivel angle on both sides | +10/-190 deg |
| Swivel angle | 180 deg |
| Cushioning | Internal hydraulic cushioning normal |
| Mounting position | optional |
| Design | Rack and pinion |
| Position detection | Via proximity switch |
| Operating pressure | 0.2 MPa...1 MPa<br>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) | 15.8 Nm |
| Permissible mass moment of inertia | 1.5 kgm² |
| Product weight | 4784 g |
| Type of mounting | Either:<br>With through-hole<br>Via female thread |
| Pneumatic connection | G1/8 |
| Note on materials | RoHS-compliant |
| Material drive shaft | Tempered steel |
| Material cover | Aluminium<br>Anodised |
| Material seals | NBR<br>TPE-U(PU) |
| Material housing | Wrought aluminium alloy<br>Smooth anodised |