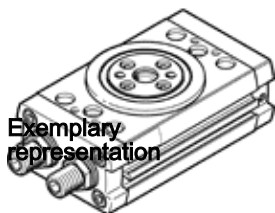
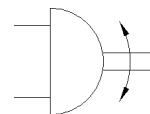


**semi-rotary drive**  
**DRRD-20-**  
 Part number: 574400



**Data sheet**

Overall data sheet – Individual values depend upon your configuration.

| Feature                                 | values   |
|---|--|
| Size                                    | 20   |
| Swivel angle                            | 180 deg  |
| Cushioning                              | P: Flexible cushioning rings/plates at both ends<br>Y9: internal hydraulic cushioning normal<br>Y12: external hydraulic cushioning<br>Y14: internal hydraulic cushioning, soft |
| Assembly position                       | Any  |
| Design structure                        | Rack and pinion  |
| Max. number of intermediate positions   | 1  |
| Position detection                      | For proximity sensor   |
| Operating pressure                      | 2 ... 10 bar   |
| Mode of operation                       | double-acting  |
| ATEX category Gas                       | II 2G  |
| Explosion ignition protection type Gas  | c T4   |
| ATEX category Dust                      | II 2D  |
| Explosion ignition protection type Dust | c T120°C   |
| Explosion-proof ambient temperature     | -10°C <= Ta <= +60°C   |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:4:4]   |
| Note on operating and pilot medium      | Lubricated operation possible (subsequently required for further operation)  |
| CE mark (see declaration of conformity) | to EU directive explosion protection (ATEX)  |
| Ambient temperature                     | -10 ... 60 °C  |
| Theoretical torque at 6 bar             | 2.41 Nm  |
| Permissible mass moment of inertia      | 0.04 ... 0.15 kgm <sup>2</sup>   |
| Mounting type                           | Optional<br>with through hole<br>with internal (female) thread   |
| Pneumatic connection                    | M5   |
| Materials note                          | Contains PWIS substances<br>Conforms to RoHS   |
| Materials information for drive shaft   | Heat-treatment steel   |
| Materials information for cover         | Wrought Aluminium alloy<br>Anodised  |
| Materials information for seals         | NBR<br>TPE-U(PU)   |
| Materials information, housing          | Wrought Aluminium alloy<br>Smooth anodised   |