

Semi-rotary drive DRQ-80- -180-PPV-A

Part number: 150252
Product to be discontinued

FESTO

For proximity sensing, with adjustable end-position cushioning and backlash-compensating gearing.

Variant with selectable swivel angle from 91 to 179°.

Type to be discontinued. Available until 2017. See Support Portal for alternative products.



Exemplary representation



Data sheet

| Feature | Value |
|---------------------------------------|---|
| Size | 80 |
| Cushioning angle | 69 deg |
| Swivel angle | 180 deg |
| End-position tolerance | 4 deg |
| Cushioning | PPV: Pneumatic cushioning adjustable at both ends |
| Assembly position | Any |
| Design structure | Rack and pinion |
| Position detection | For proximity sensor |
| Operating pressure | 2.5 ... 10 bar |
| Max. swivel frequency at 6 bar | 1.3 Hz |
| Mode of operation | double-acting |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:::] |
| Ambient temperature | -10 ... 60 °C |
| Theoretical torque at 6 bar | 75 Nm |
| Permissible mass moment of inertia | 0.12 kgm ² |
| Product weight | 17,700 g |
| Mounting type | with internal (female) thread |
| Pneumatic connection | G3/8 |
| Materials information for drive shaft | Case-hardened steel |
| Materials information for seals | TPE-U(PU) |