

Semi-rotary actuator DRQ-16- -180-PPVJ-A

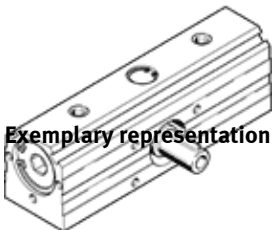
Part number: 154452
Product to be discontinued

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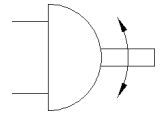
For proximity sensing, with adjustable end position cushioning and backlash-compensating gearing.

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 | 16 |
| Cushioning angle | 72.2 deg |
| Setting range of swivel angle on both sides | -4 /+ 4 deg |
| Swivel angle | 180 deg |
| Cushioning | PPVJ: Pneumatic cushioning, adjustable |
| Assembly position | Any |
| Design structure | Rack and pinion |
| Position detection | For proximity sensor |
| Working pressure | 2.5 ... 10 bar |
| Max. swivel frequency at 6 bar | 2.8 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 | 0.5 Nm |
| Permissible mass moment of inertia | 0.0002 kgm ² |
| Product weight | 550 g |
| Mounting type | with internal (female) thread |
| Pneumatic connection | M5 |
| Materials information for drive shaft | Case-hardened steel |
| Materials information for seals | TPE-U(PU) NBR |