

# Semi-rotary drive DRQ-63- -90-PPV-A

Part number: 150248  
Product to be discontinued

FESTO

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

Variant with selectable swivel angle from 0 to 89°.

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



Exemplary representation



## Data sheet

| Feature                               | Value   |
|---------------------------------------|---|
| Size                                  | 63  |
| Cushioning angle                      | 65 deg  |
| Swivel angle                          | 90 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        | 1.5 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           | 37 Nm   |
| Permissible mass moment of inertia    | 0.04 kgm <sup>2</sup>                                   |
| Product weight                        | 8,650 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)   |