

# Semi-rotary drive

## DRD-50-F10-O

Part number: 189790

FESTO

Double-acting, air connection as per VDI/VDE 3845, Namur valves can be directly flange-mounted



## Data sheet

| Feature                                      | Value  |
|--|--|
| Size of actuator                             | 50   |
| Flange hole pattern                          | F10  |
| Swivel angle                                 | 90 deg   |
| End-position adjustment range at 0°          | -4 ... 8 deg                                     |
| End-position adjustment range at 90°         | -8 ... 4 deg                                     |
| Fitting connection conforms to standard      | ISO 5211   |
| Cushioning                                   | No cushioning                                    |
| Assembly position                            | Any  |
| Mode of operation                            | double-acting                                    |
| Design structure                             | Rack and pinion                                  |
| Position detection                           | No   |
| Valve connection conforms to standard        | VDI/VDE 3845 (NAMUR)                             |
| Operating pressure                           | 2 ... 10 bar                                     |
| ATEX identification                          | II 2 GD c X                                      |
| ATEX ambient temperature                     | -20°C ≤ Ta ≤ +60°C                               |
| Operating medium                             | Dried compressed air, lubricated or unlubricated |
| CE mark (see declaration of conformity)      | to EU directive explosion protection (ATEX)      |
| Corrosion resistance classification CRC      | 3  |
| Ambient temperature                          | -20 ... 80 °C                                    |
| Torque at 6 bar                              | 505 Nm   |
| Air consumption at 6 bar per cycle 0°-90°-0° | 24 l   |
| Product weight                               | 10,400 g   |
| Shaft connection                             | V22  |
| Pneumatic connection                         | Sub-base<br>G1/4                                 |
| Materials note                               | Contains PWIS substances                         |