

# Semi-rotary actuator

## DRE-100-F12-Q10-FS-O-PS

Part number: 190319

FESTO

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

This product is only available if ordered from the Festo Corporation, USA.



### Data sheet

| Feature                                      | Value  |
|--|--|
| Size of actuator                             | 100  |
| Flange hole pattern                          | F12  |
| Swivel angle                                 | 90 deg   |
| Fitting connection conforms to standard      | ISO 5211   |
| Cushioning                                   | No cushioning                                    |
| Assembly position                            | Any  |
| Mode of operation                            | single-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 symbol (see declaration of conformity)    | according to EU-Ex protection guideline (ATEX)   |
| Corrosion resistance classification CRC      | 3  |
| Ambient temperature                          | -20 ... 80 °C                                    |
| Torque at 6 bar                              | 745 Nm   |
| Spring return moment                         | 267 Nm   |
| Air consumption at 6 bar per cycle 0°-90°-0° | 24 l   |
| Product weight                               | 22,900 g   |
| Shaft connection                             | V27  |
| Pneumatic connection                         | Subbase<br>G1/4                                  |
| Materials note                               | Contains PWIS substances                         |