

# Semi-rotary drive

## DRE-880-F30-Q08-FS-PS

Part number: 189742

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                             | 880   |
| Flange hole pattern                          | F30   |
| 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 category Gas                            | II 2G   |
| Explosion ignition protection type Gas       | c T6  |
| ATEX category Dust                           | II 2D   |
| Explosion ignition protection type Dust      | c 60°C  |
| Explosion-proof ambient temperature          | -20°C ≤ Ta ≤ +60°C  |
| Operating medium                             | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium           | Lubricated operation possible (subsequently required for further operation) |
| CE mark (see declaration of conformity)      | to EU directive explosion protection (ATEX)                                 |
| Corrosion resistance classification CRC      | 3   |
| Ambient temperature                          | -20 ... 80 °C   |
| Air consumption at 6 bar per cycle 0°-90°-0° | 192 l   |
| Product weight                               | 167,000 g   |
| Shaft connection                             | V75   |
| Pneumatic connection                         | Sub-base<br>G1/4  |
| Materials note                               | Contains PWIS substances  |