

# Semi-rotary drive DRD-575-F16-C

Part number: 189831

FESTO

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



## Data sheet

Feature	Value
Size of actuator	575
Flange hole pattern	F16
Swivel angle	90 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 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	4
Ambient temperature	-20 ... 80 °C
Torque at 6 bar	5,758 Nm
Air consumption at 6 bar per cycle 0°-90°-0°	276 l
Product weight	124,000 g
Shaft connection	V46
Pneumatic connection	Sub-base G1/4
Materials note	Contains PWIS substances