

Semi-rotary actuator DRE-100-F12-Q10-FO-O-PS

Part number: 190324

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 G1/4
Materials note	Contains PWIS substances