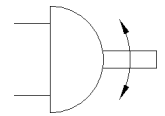
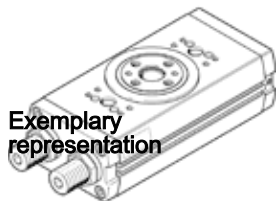


semi-rotary drive DRRD-50-

Part number: 574405

FESTO



Exemplary
representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	values
Size	50
Swivel angle	180 deg
Cushioning	Y9: internal hydraulic cushioning normal Y10: internal hydraulic cushioning hard Y12: external hydraulic cushioning
Assembly position	Any
Design structure	Rack and pinion
Max. number of intermediate positions	1
Position detection	For proximity sensor
Operating pressure	2 ... 10 bar
Mode of operation	double-acting
ATEX category Gas	II 2G
Explosion ignition protection type Gas	c T4
ATEX category Dust	II 2D
Explosion ignition protection type Dust	c T120°C
Explosion-proof ambient temperature	-10°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)
Ambient temperature	-10 ... 60 °C
Theoretical torque at 6 bar	53 Nm
Permissible mass moment of inertia	2 ... 20 kgm ²
Mounting type	Optional with through hole with internal (female) thread
Pneumatic connection	G1/4
Materials note	Contains PWIS substances Conforms to RoHS
Materials information for drive shaft	Heat-treatment steel
Materials information for cover	Aluminium Anodised
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Wrought Aluminium alloy Smooth anodised