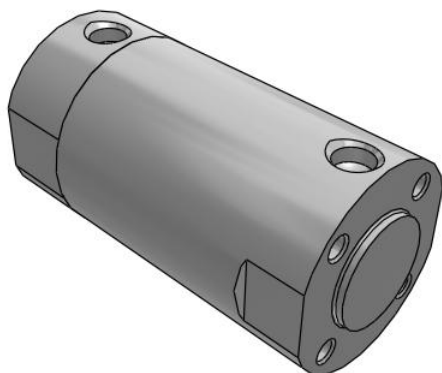




C(D)G3 Air Cylinder, Double Acting, Single Rod, Short Type CDG3BN40-25F

Datasheet

General series information

- Standard: double acting single rod
- Bore sizes (mm): 20, 25, 32, 40, 50, 63, 80, & 100
- Strokes from 25mm through 300mm
- Mounts: basic, foot, front or rear flange, clevis
- Variety of switches and a variety of lead wire lengths

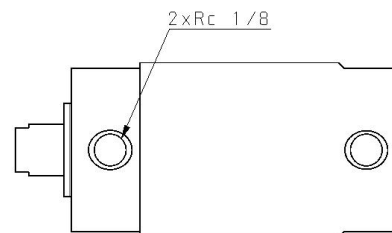
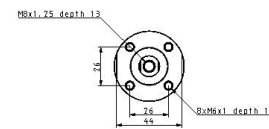
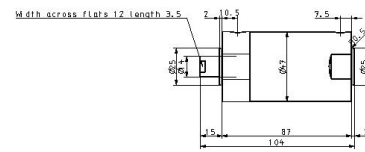
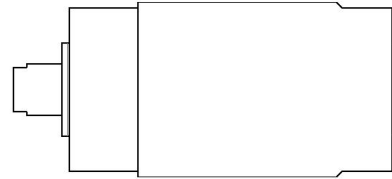
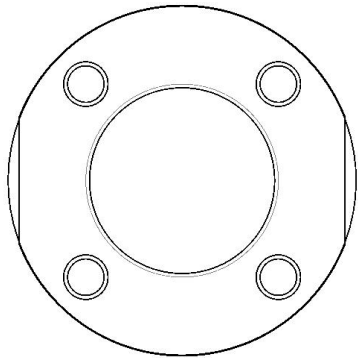


Double-acting, single-rod cylinder

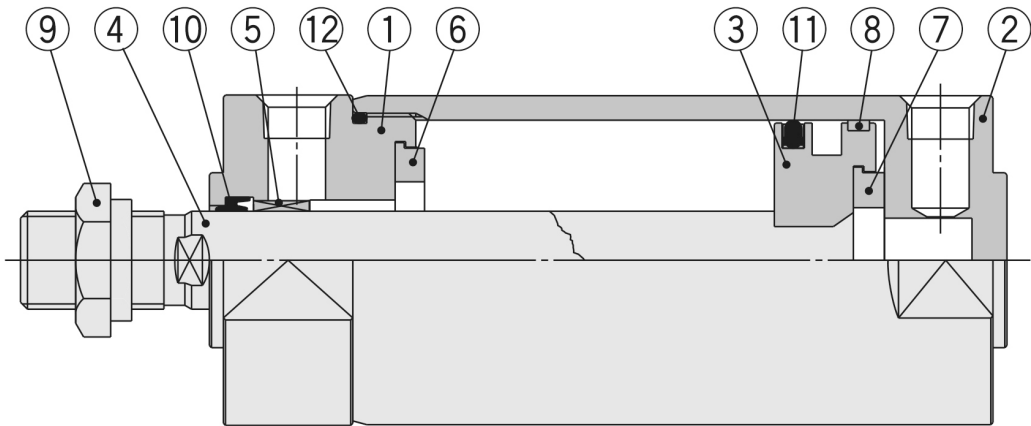
Standard specifications

Magnet	D (Built-in)
Mounting	B (Basic)
Bore Size	40mm
Stroke	25
Rod End Thread	F (Female Thread)
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m (Or None in the Case of No Switch)
Number	2 pcs. (Or None in the Case of No Switch)
Pressure medium	Air
Maximum temperature of pressure medium with magnet	60 C
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.05 MPa
Proof pressure	1.0 MPa
Maximum ambient temperature with magnet	60 C
Minimum ambient temperature with magnet	-10 C
Mode of operation of drive	Double acting
Maximum piston speed	1000 mm/s
Geometric form of the piston rod	Single rod

Minimum piston speed	50 mm/s
Allowable kinetic energy	0.52 J
Lubrication	Not required (non-lube)
Stroke length tolerance	Up to 300 mm st +1.4 0 mm



Constructions



Component Parts

No.	Description	Material	Note
1	Rod cover	Aluminium alloy	Hard anodised
2	Tube cover	Aluminium alloy	Hard anodised
3	Piston	Aluminium alloy	Chromated
4	Piston rod	Iron*	Hard chrome plated*
5	Bushing	Copper alloy	
6	Bumper A	Urethane	
7	Bumper B	Urethane	
8	Wear ring	Resin	
9	Rod end nut	Iron	Nickel plated
10	Rod seal	NBR	
11	Piston seal	NBR	
12	Tube gasket	NBR	

Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

Additional information

Catalogue

[CG3-B_EU.pdf](#)