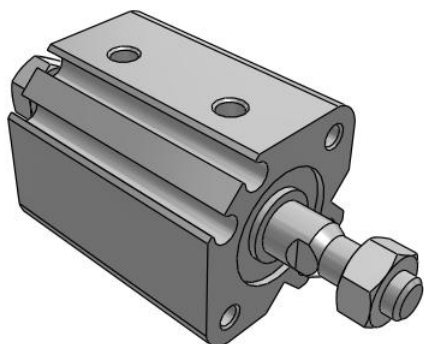


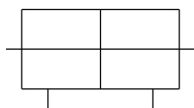


C(D)Q2W, Compact Cylinder, Double Acting Double Rod w/Auto Switch Mounting Groove CDQ2WA16-5DMZ

Datasheet

General series information

- Double acting, double rod, compact cylinder
- Bore sizes (mm): 12, 16, 20, 25, 32, 40, 50, 63, 80, 100
- Standard stroke range (mm): 5 to 100
- Port threads: M (12 to 25 bore); Rc, NPT or G (32 to 100 bore)
- Can mount small auto switches on 4 surfaces.

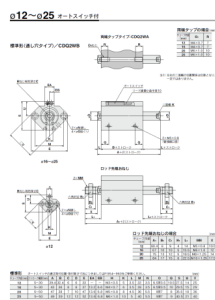


Standard specifications

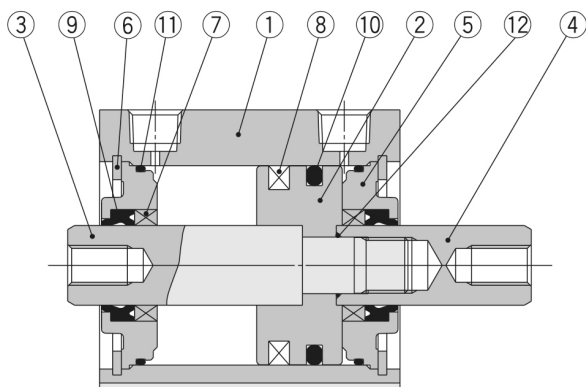
Magnet	D (Built-in)
Mounting	A (Both Ends Tapped)
Type	Standard
Bore Size	Ø16 mm
Port Thread Type	Rc
Stroke	5
Body Option	M (Rod End Male Thread)
Auto Switch Groove	None, also for 12-25 Bore w/o Magnet
Auto Switch	No Switch
Lead Wire or Prewired Connector	Z (5 m)
Number	2 pcs. or None in the Case of No Switch
Rod End Options	None
Temperature Resistance	None
Low Speed	None
Made of Stainless Steel	None
Fluororubber Seal	None
-	Compressed air
Maximum temperature of pressure medium	60 °C

Minimum temperature of pressure medium	-10 °C
Maximum operating pressure	1.0 MPa
Minimum operating pressure	0.07 MPa
Proof pressure	1.5 MPa
Maximum ambient temperature	60 °C
Pneumatic input connection	M5
Theoretical cylinder force, advance stroke (at 0.5 MPa)	75 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	75 N
Maximum piston speed	500 mm/s
Male thread of rod end	M6 x 1.0
Female thread of rod end	M4 x 0.7
Minimum piston speed	50 mm/s

Dimensions



Constructions



Component Parts

No.	Description	Material	Note
1	Cylinder tube	Aluminum alloy	Hard anodised
2	Piston	Aluminum alloy	Chromated
3	Piston rod A	Stainless steel	ø12 to ø25
		Carbon steel	ø32 to ø100, Hard chrome plated
4	Piston rod B	Stainless steel	ø12 to ø25
		Carbon steel	ø32 to ø100, Hard chrome plated
5	Collar	Aluminum alloy	ø12 to ø40, Anodised
		Aluminum alloy casted	ø50 to ø100, Chromated, Painted
6	Retaining ring	Carbon tool steel	Phosphate coated
7	Bushing	Bearing alloy	For ø50 or more only
8	Magnet	—	—
9*	Rod seal	NBR	
10*	Piston seal	NBR	
11*	Tube gasket	NBR	
12	Piston gasket	NBR	

Additional information

Catalogue

[CQ2-Z-B_EU.pdf](#)