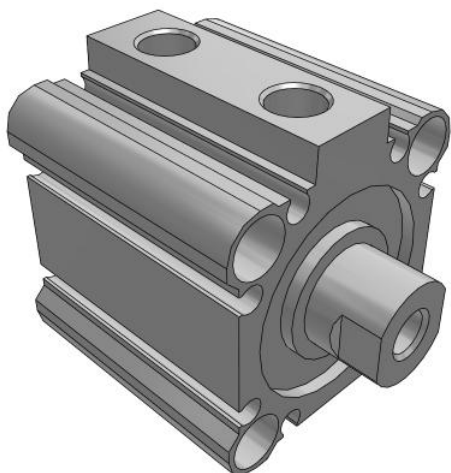
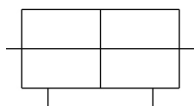




C(D)Q2W, Compact Cylinder, Double Acting Double Rod w/Auto Switch Mounting Groove CDQ2WB32TF-5DZ

Datasheet

- 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.

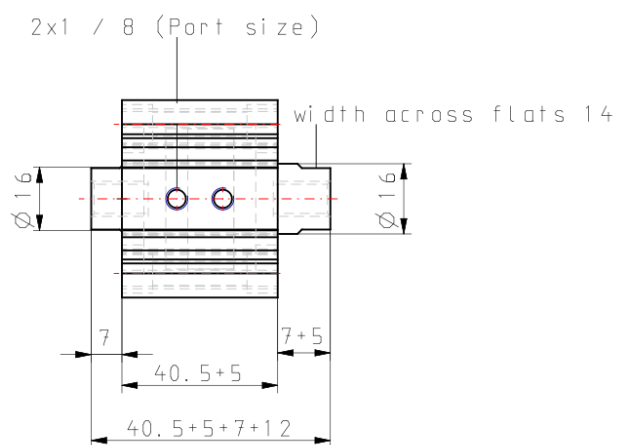
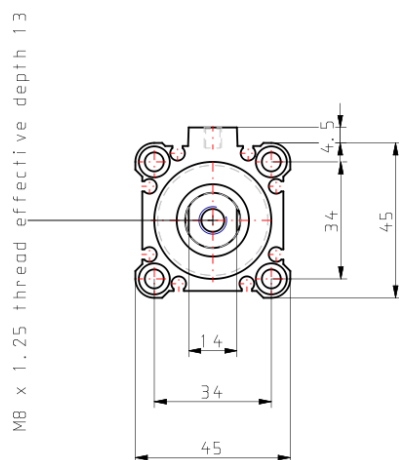


Standard specifications

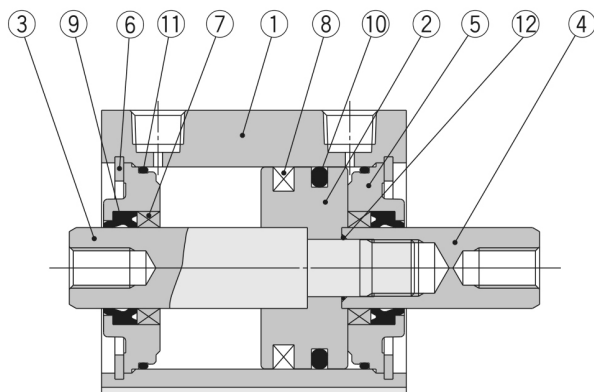
Magnet	D (Built-in)
Mounting	B (Through Hole [Standard])
Type	Standard
Bore Size	Ø32 mm
Port Thread Type	TF
Stroke	5
Body Option	Standard (Rod End Female Thread)
Auto Switch Groove	None, also for 12-25 Bore w/o Magnet
Auto Switch	No Switch
Lead Wire or Prewired Connector	Z (5 m)
Number	2 pcs. or None in the Case of No Switch
Rod End Options	None
Temperature Resistance	None
Low Speed	None
Made of Stainless Steel	None
Fluororubber Seal	None
Pressure medium	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	0,05 Mpa
Proof pressure	1.5 MPa
Maximum ambient temperature	60 °C
Conform to the European RoHS Directive	Not conform
Number of pneumatic connections	2 pcs.
Pneumatic input connection	G 1/8
Mode of operation of drive	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	302 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	302 N
Maximum piston speed	500 mm/s
Male thread of rod end	M14 x 1.5
Female thread of rod end	M8 x 1.25
Minimum piston speed	50 mm/s
Weight	0.259 Kg

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](#)