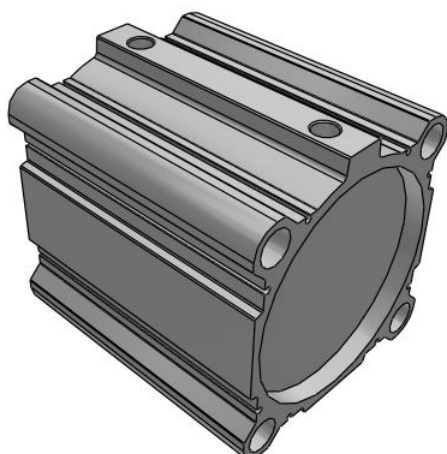
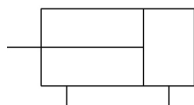




C(D)Q2, Compact Cylinder, Double Acting, Single Rod, Large Bore w/Auto Switch Mounting Groove CQ2B140TF-100DCMZ

- Compact, double acting, single rod, large bore
- Bore sizes (mm): 125, 140, 160, 180, 200
- Standard stroke range (mm): 10 to 300
- Port threads: Rc, NPT, G
- Can mount small auto switches on 4 surfaces.



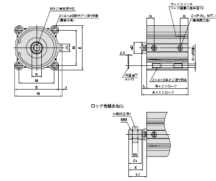
Double-acting, single-rod cylinder

Magnet	None
Bore Size	Ø140 mm
Port Thread Type	TF (G)
Stroke	100
Body Option	M (Rod End Male Thread)
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5 m or None in the Case of No Switch
Number	2 pcs.
Rod End Options	None
Fluororubber Seal	None
-	Compressed air
Maximum temperature of pressure medium	70 °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	70 °C
Minimum ambient temperature	-10 °C

Pneumatic input connection	G 3/8
Theoretical cylinder force, advance stroke (at 0.5 MPa)	7,188 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	7,697 N
Maximum piston speed	500 mm/s
Piston rod end	Male thread
Male thread of rod end	M30 x 1.5
Female thread of rod end	M22 x 2.5
Minimum piston speed	50 mm/s

CQ2 Series
7/8"-20
φ125~φ160
標準形通入圧力7MPa CQ2B型

※7/8"-20のボルト、ワッシャーは付属品です。



○7/8寸標準ボルト
ワッシャー

寸法	φ125	φ140	φ160
全高	110	110	110
全幅	125	140	160
ボルト間隔	100	100	100
ボルト径	10	10	10
ボルト長さ	20	20	20
ワッシャー径	110	110	110
ワッシャー厚	2	2	2

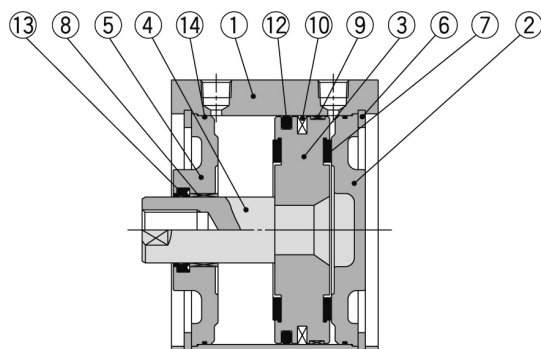
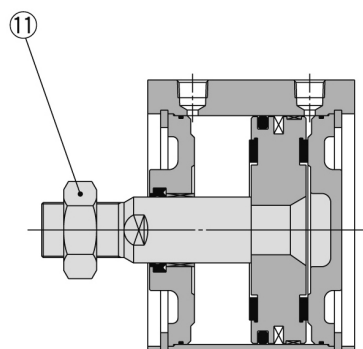
○ボルト間隔

○ボルト径

○ボルト長さ

○ワッシャー径

○ワッシャー厚

Standard

Rod end male thread

Component Parts

No.	Description	Material	Note
1	Cylinder tube	Aluminum alloy	Hard anodised
2	Head cover	Carbon steel	Nickel plated
3	Piston	Aluminum alloy	Chromated
4	Piston rod	Carbon steel	Hard chrome plated
5	Rod cover	Carbon steel	Nickel plated
6	Retaining ring	Carbon tool steel	Phosphate coated
7	Bumper	Urethane	
8	Bushing	Bearing alloy	
9	Wear ring	Resin	
10	Magnet	—	For CDQ2B□ only
11	Rod end nut	Carbon steel	Nickel plated
12	Piston seal	NBR	
13	Rod seal	NBR	
14	Tube gasket	NBR	

Replacement Parts/Seal Kit

Bore size (mm)	Kit no.	Contents
125	CQ2B125-PS	Kits include items 12, 13, 14 from the table.
140	CQ2B140-PS	
160	CQ2B160-PS	
180	CQ2B180-PS	
200	CQ2B200-PS	

* Seal kit includes 12, 13, 14. Order the seal kit, based on each bore size.

* Since the seal kit does not include a grease pack, order it separately.

Grease pack part no.: GR-S-010 (10 g)

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CQ2-Z-B_EU.pdf