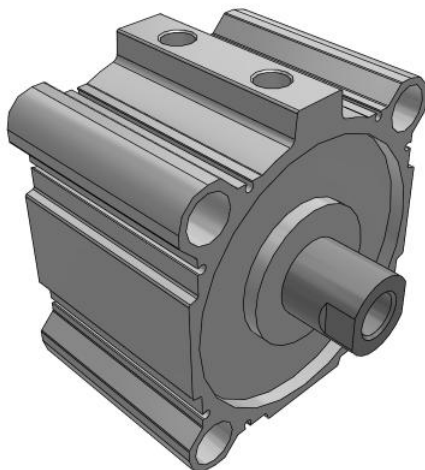




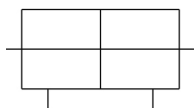
C(D)Q2WB, Compact Cylinder, Double Acting Double Rod, Large Bore w/Auto Switch Mounting Groove

CDQ2WB125-20DCZ

Datasheet

General Series Information

- Compact, double acting, double 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.



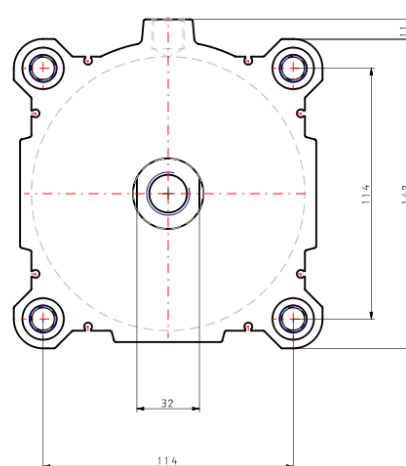
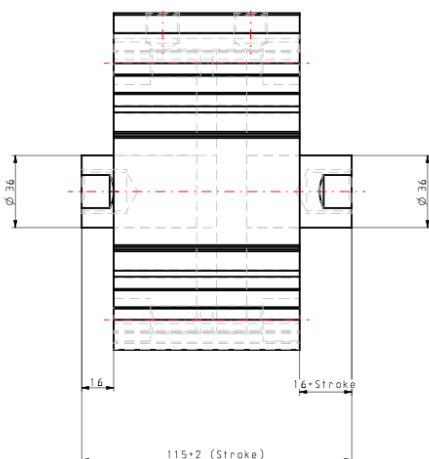
Double-acting cylinder with double piston rod

Standard specifications

Magnet	D (Built-in)
Bore Size	Ø125 mm
Port Thread Type	Rc
Stroke	20
Body Option	Standard (Rod End Female 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 with magnet	60 °C
Minimum temperature of pressure medium with magnet	-10 °C
Maximum operating pressure	1.0 MPa
Minimum operating pressure	0.05 MPa
Proof pressure	1.5 MPa
Maximum ambient temperature with magnet	60 °C
Minimum ambient temperature with magnet	-10 °C

Pneumatic input connection	Rc 3/8
Theoretical cylinder force, advance stroke (at 0.5 MPa)	5,627 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	5,627 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
Weight	5.531 Kg

Dimensions



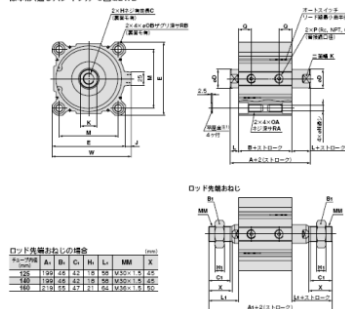
CDQ2W Series

チューブ型

φ125~φ160

標準形 (通し穴タイプ) / CDQ2WB

ポートスイッチ型は、寸法も別冊寸法表に同じです。



ロッド先端ねじの寸法

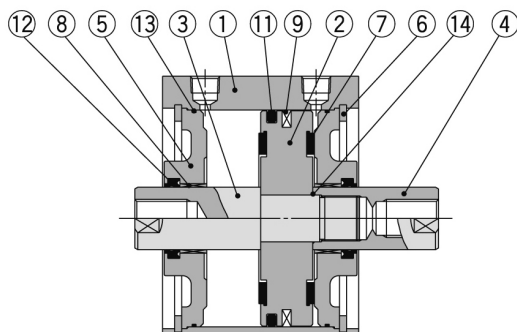
ロッド径 (mm)	ねじ径 (mm)	ねじ長さ (mm)	ねじ径 (mm)	ねじ長さ (mm)	ねじ径 (mm)	ねじ長さ (mm)
125	12.5	25	12.5	25	12.5	25
140	14	25	14	25	14	25
160	16	25	16	25	16	25

寸法単位: mm

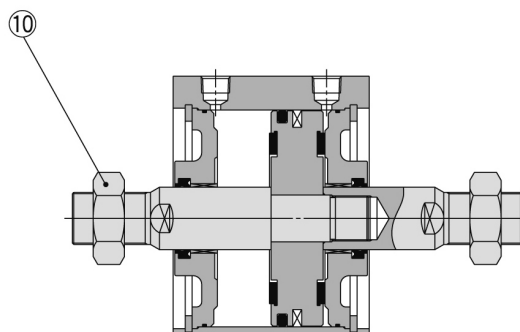
シリーズ	標準形	ポートスイッチ型	ねじ径	ねじ長さ	ねじ径	ねじ長さ	ねじ径	ねじ長さ	ねじ径	ねじ長さ	ねじ径	ねじ長さ
125	12.5	12.5	25	25	12.5	25	12.5	25	12.5	25	12.5	25
140	14	14	25	25	14	25	14	25	14	25	14	25
160	16	16	25	25	16	25	16	25	16	25	16	25

Constructions

Standard



Rod end male thread



Component Parts

No.	Description	Material	Note
1	Cylinder tube	Aluminum alloy	Hard anodised
2	Piston	Aluminum alloy	Chromated
3	Piston rod A	Carbon steel	Hard chrome plated
4	Piston rod B	Carbon steel	Hard chrome plated
5	Rod cover	Carbon steel	Nickel plated
6	Retaining ring	Carbon tool steel	Phosphate coated
7	Bumper	Resin	
8	Bushing	Bearing alloy	
9	Magnet	—	For CDQ2WB□ only
10	Rod end nut	Carbon steel	Nickel plated
11	Piston seal	NBR	
12	Rod seal	NBR	
13	Tube gasket	NBR	
14	Piston gasket	NBR	

Replacement Parts/Seal Kit

Bore size (mm)	Kit no.	Contents
125	CQ2WB125-PS	Kits include items ⑪, ⑫, ⑬ from the table.
140	CQ2WB140-PS	
160	CQ2WB160-PS	
180	CQ2WB180-PS	
200	CQ2WB200-PS	

* Seal kit includes ⑪, ⑫, ⑬. 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)

Additional information

Catalogue

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