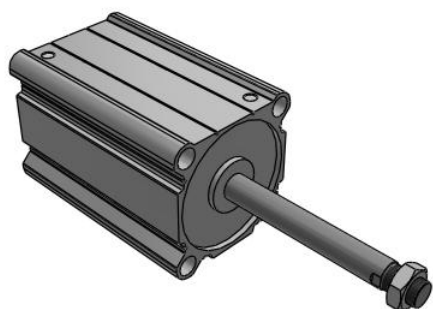




C(D)Q2WB, Compact Cylinder, Double Acting Double Rod, Large Bore w/Auto Switch Mounting Groove CQ2WB200TF-250DCMZ

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	None
Bore Size	Ø200 mm
Port Thread Type	TF (G)
Stroke	250 mm
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
Pressure medium	Compressed air
Maximum temperature of pressure medium	70 °C
Minimum temperature of pressure medium	-10 °C
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.05 MPa
Proof pressure	1.05 Mpa
Maximum ambient temperature	70 °C
Minimum ambient temperature	-10 °C

Number of pneumatic connections	2 pcs.
Pneumatic input connection	G 1/2
Mode of operation of drive	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	15,080 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	15,080 N
Maximum piston speed	400 mm/s
Piston rod end	Male thread
Male thread of rod end	M36 x 1.5
Female thread of rod end	M24 x 3
Minimum piston speed	20 mm/s
Weight	27.470 Kg

Dimensions

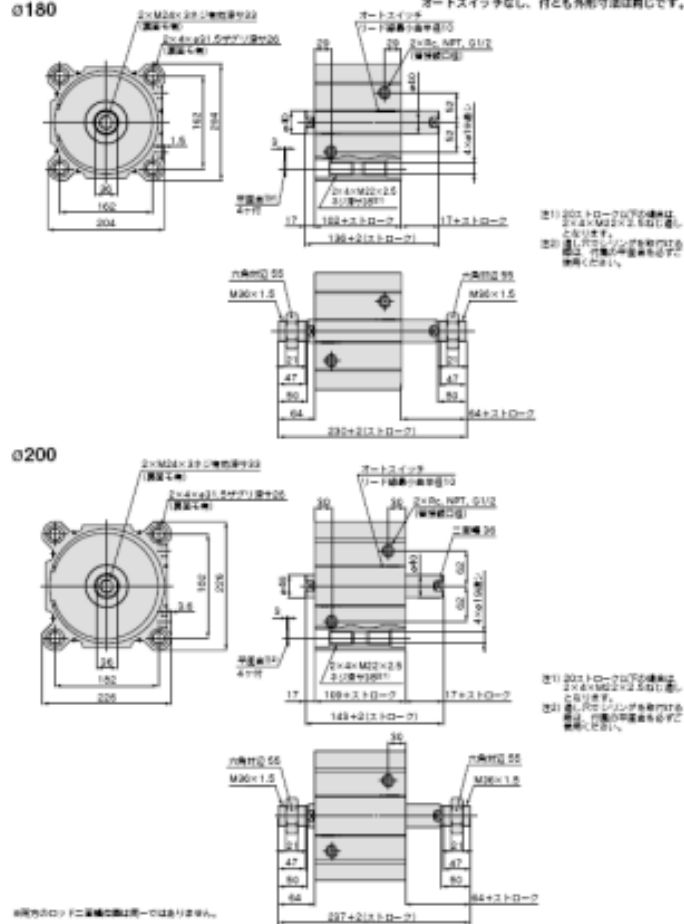
大口徑薄形シリンダ／複動・貫ロッド **CQ2W Series**

チューブ内径

Φ180, Φ200

©180

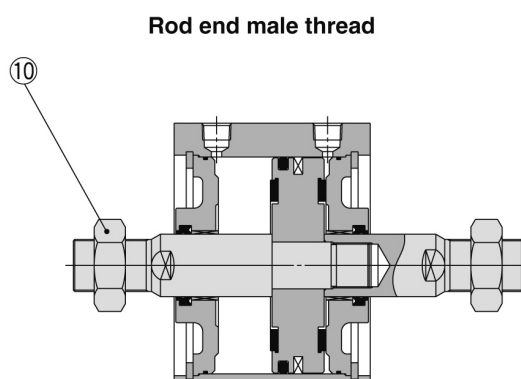
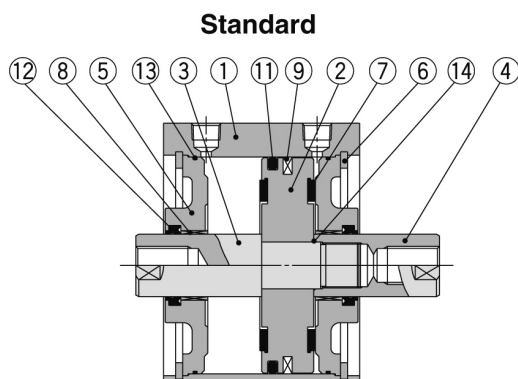
オートスイッチなし、付とも外形寸法は同じです。



※国内のロッド二層構造は同一ではありません。

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

Constructions



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-D_EU.pdf](#)

Operation manuals

[OM_CQ2x_OM0002MEN.pdf](#)