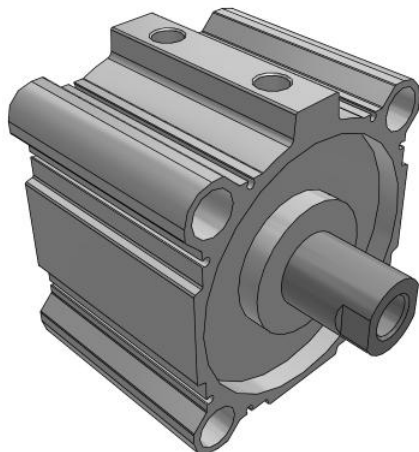




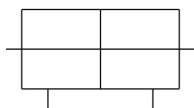
C(D)Q2WB, Compact Cylinder, Double Acting Double Rod, Large Bore w/Auto Switch Mounting Groove

CDQ2WB125TF-30DCZ

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.



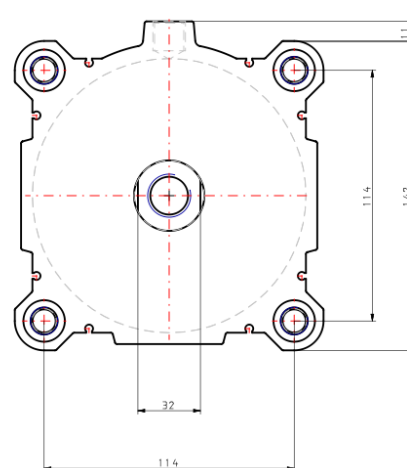
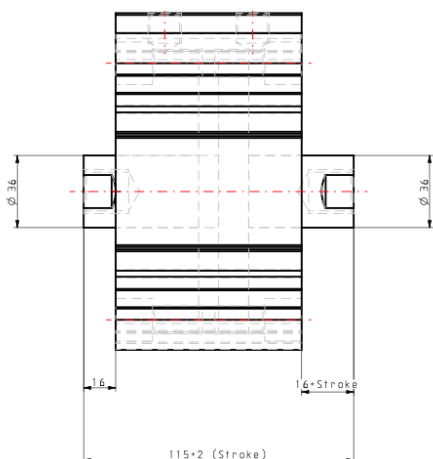
Double-acting cylinder with double piston rod

Standard specifications

Magnet	D (Built-in)
Bore Size	Ø125 mm
Port Thread Type	TF (G)
Stroke	30
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	G 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	6.060 Kg

Dimensions



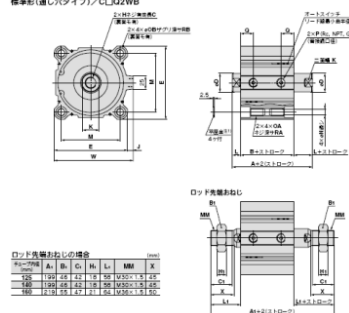
CQ2W Series

チューブ内径

φ125~φ160

標準形(通し穴タイプ)/C□Q2WB

オートスイッチなし。付とも外形寸法は同じです。



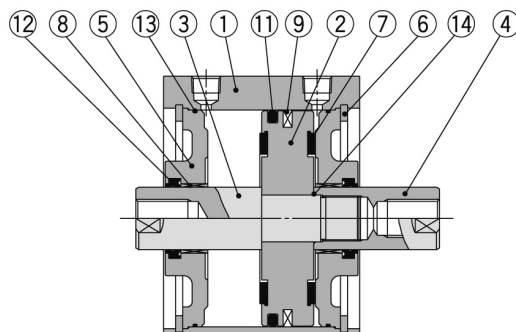
チューブ内径 (mm)	A	B	C	H	L	MM	X
125	199	48	42	15	55	M50×1.5	45
140	199	48	42	15	55	M50×1.5	45
160	210	55	47	21	60	M55×1.5	50

テニール内径	標準寸法(20℃)の長さ	A	B	C	D	E	F	G	H	J	K	L	M	N	OA	OB	P	Q	R	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
126	10, 20, 30, 40, 60	15.63	30.25	36	143	M2.2 x 2.5	11	32	1.14	12.5	14	12.5	14	21	3.5	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15	24	15

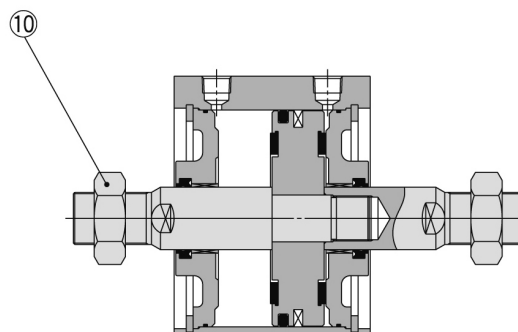
注1) 適し穴でシリンダを取付ける際は、作業の早直さにも必ずご使用ください。
注2) ①内径量は、10℃以下での測定値の片側の最大値を示します。
※開孔の径30mm以下は標準品ではありません。

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](#)