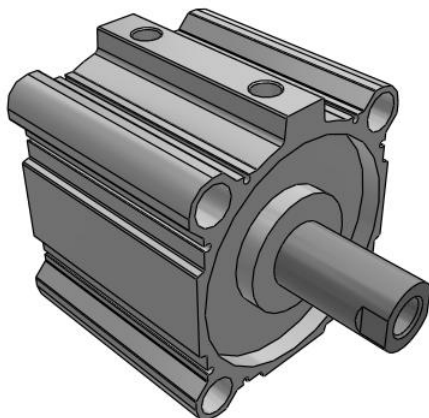




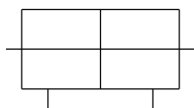
C(D)Q2WB, Compact Cylinder, Double Acting Double Rod, Large Bore w/Auto Switch Mounting Groove

CDQ2WB125-50DCZ

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.



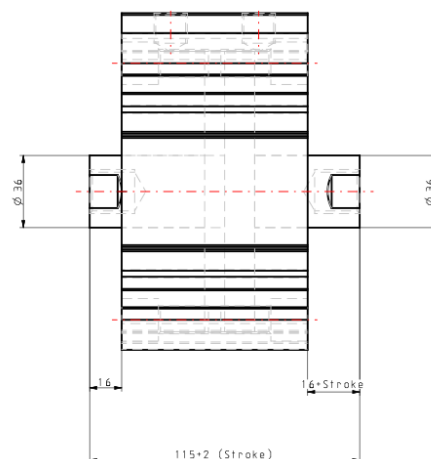
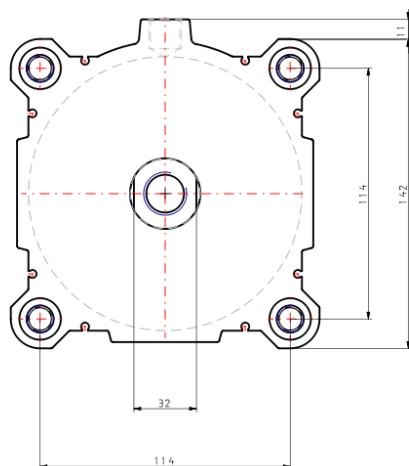
Double-acting cylinder with double piston rod

Standard specifications

Magnet	D (Built-in)
Bore Size	Ø125 mm
Port Thread Type	Rc
Stroke	50
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	6.407 Kg

Dimensions



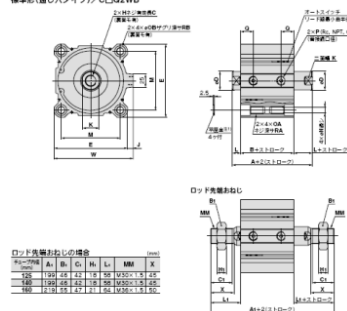
CQ2W Series

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。



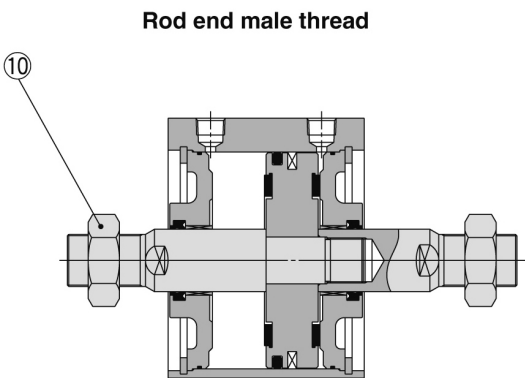
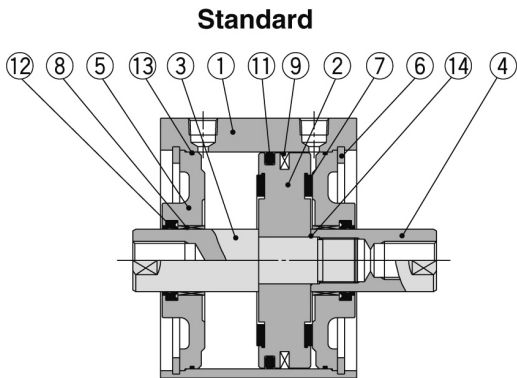
ネジの長さ (mm)	A	B	C	H	L	MM	X
125	199	48	42	18	56	M30×1.5	45
140	199	48	42	18	56	M30×1.5	45
160	210	58	47	21	61	M30×1.5	45

手元一円切	標準二〇〇円未満	A	B	C	D	E	F	G	H	I	J	K	L	M	N	OA	OB	P	Q	RA	RB	W						
126	10, 20, 30, 40, 50	19	63	30	12	5	35	14	5	22	2	5	11	32	16	14	12	5	14	42	21	23	58	24	25	16	14	15
140	75, 100, 125, 150	19	63	30	12	5	35	14	5	22	2	5	11	32	16	14	12	5	14	42	21	23	58	24	25	16	14	15
140	75, 200, 225, 300	24	61	33	28	5	40	17	8	24	4	6	12	34	18	16	14	6	16	46	23	26	60	26	28	18	16	15

190 75,200,250,300 25 91 33 26.5 40 75 M2

注1) 通し穴でシリジンを製作する際は、竹炭の平型素面を必ずご使用ください。
 注2) ①内径量は、②オスコークの内径の片側の数値を倍倍します。
 注3) 穴の径は、②と③の差を2倍して求めます。

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-B_EU.pdf](#)