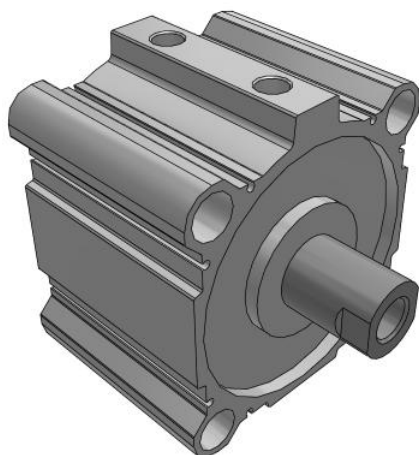




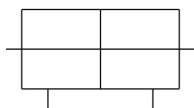
C(D)Q2WB, Compact Cylinder, Double Acting Double Rod, Large Bore w/Auto Switch Mounting Groove

CDQ2WB125-30DCZ

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	Rc
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	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	15.690 Kg

Dimensions

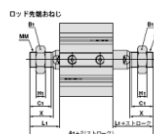
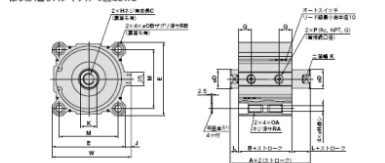
CQ2W Series
チューブ内径
Ø125~Ø160

チューブ内径

Ø125~Ø160

標準形(通し穴タイプ)/C□Q2WB

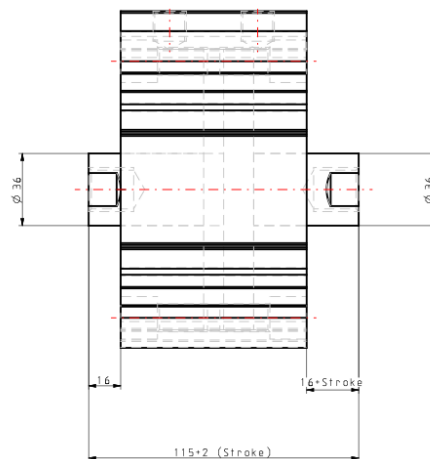
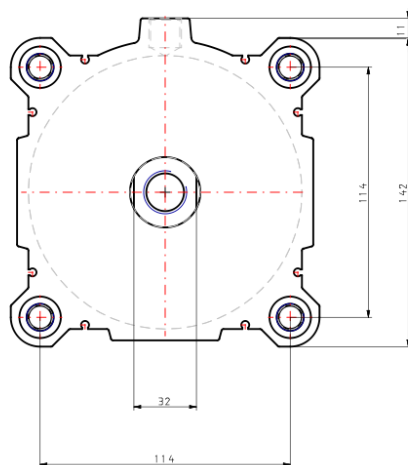
オートスイッチ付なし。付とも外形寸法は同じです。



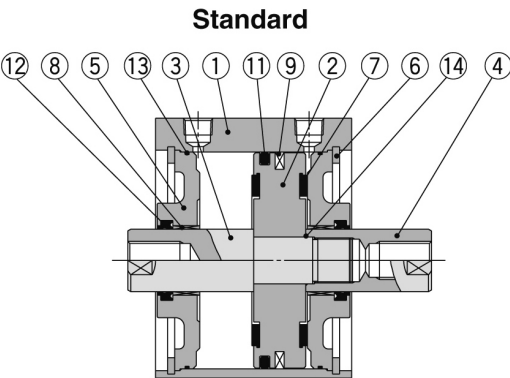
ナットの内径 (mm)	A ₁	B ₁	C ₁	H ₁	L ₁	MM	X
125	199	48	42	18	58	M50×1.5	4.5
140	199	48	42	18	58	M50×1.5	4.5
160	219	55	47	21	66	M56×1.5	5.0

平年3月内容	標準3月ローテーション	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	合計	(平均)
125	10, 20, 30, 40, 50	18	33	30	22	55	35	14	22	42	2	5	11	42	12	55	4	21	2	35	14	2	15	16	4	1	53	188	12.5
75	10, 20, 30, 40, 50	18	33	30	22	55	35	14	22	42	2	5	11	42	12	55	4	21	2	35	14	2	15	16	4	1	53	188	7.5
150	175, 200, 250, 300	25	21	25	15	50	15	10	15	12	4	1	12	16	16	15	4	2	3	30	24	15	10	15	16	4	1	88	150
150	175, 200, 250, 300	25	21	25	15	50	15	10	15	12	4	1	12	16	16	15	4	2	3	30	24	15	10	15	16	4	1	88	150

注1) 表中、下でマシニングを施したものは、マシニングを必要とする材料となります。
注2) 消費税率、10%と13%のローテーションの両方の場合の消費税率を示します。
注3) 税別ロジックにて標準消費税率(10%)は表示しません。



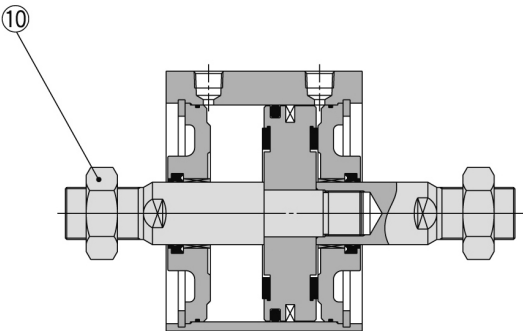
Constructions



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	

Rod end male thread



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](#)