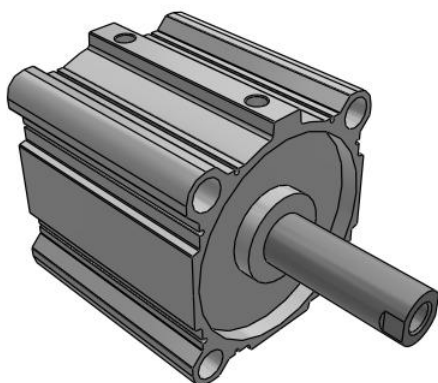
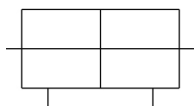




C(D)Q2WB, Compact Cylinder, Double Acting Double Rod, Large Bore w/Auto Switch Mounting Groove

CDQ2WB160TF-100DCZ

- 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

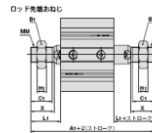
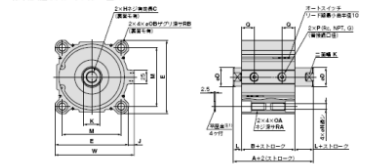
Magnet	D (Built-in)
Bore Size	Ø160 mm
Port Thread Type	TF (G)
Stroke	100
Body Option	Standard (Rod End Female Thread)
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5 m or None in the Case of No Switch
Number	2 pcs.
Rod End Options	None
Fluororubber Seal	None
-	Compressed air
Maximum temperature 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)	9,425 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	9,425 N
Maximum piston speed	500 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	50 mm/s

CQ2W Series
チューブ内径
φ125~φ160

標準形(通し穴タイプ)/C□Q2WB

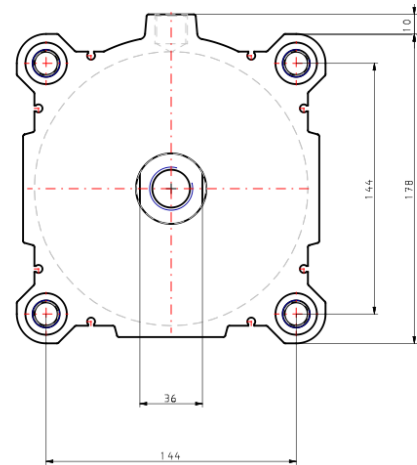
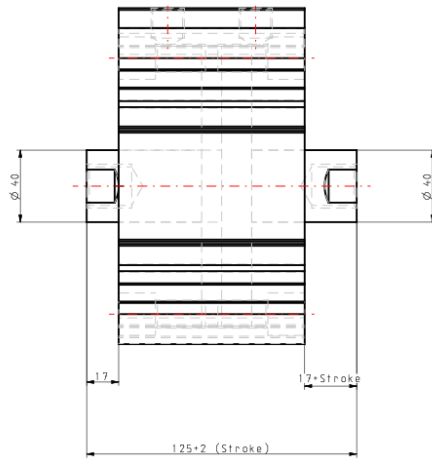
標準形(通し穴タイプ)/C□Q2WB オートスイッチなし。付とも外形寸法は同じです。



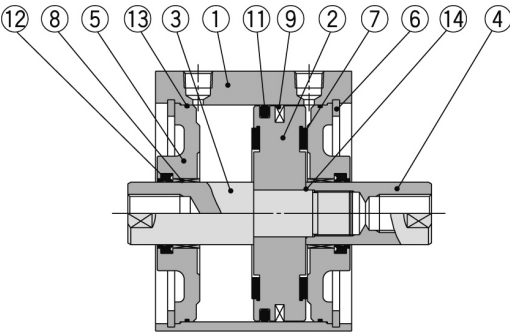
ネジ径 (mm)	A ₁	B ₁	C ₁	H ₁	L ₁	MM	X
125	120	48	42	18	58	M30×1.5	45
180	169	48	42	18	58	M30×1.5	45
190	179	55	47	21	66	M36×1.5	50

システム内蔵	標準システム内蔵機能	A	B	C	D	E	F	G	H	I	J	K	L	M	N	OA	OB	P	Q	RA	RB	(万円)	
125	10, 20, 30, 40, 50	1	16	33	33	22	33	22	33	22	33	22	33	22	33	22	33	22	33	22	33	22	153
140	75, 100, 125, 150	1	16	33	33	22	33	22	33	22	33	22	33	22	33	22	33	22	33	22	33	22	164
160	75, 200, 250, 300	1	16	33	33	22	33	22	33	22	33	22	33	22	33	22	33	22	33	22	33	22	185

注1) 通り、バッチレングスを短縮できるのは、何らかの理由によりその通りが少くなるためです。
 注2) ①内蔵機能、②システム内蔵の機能から構成される構成も含まれます。
 ※内蔵のソフト二重機能は同一の機能と見なします。



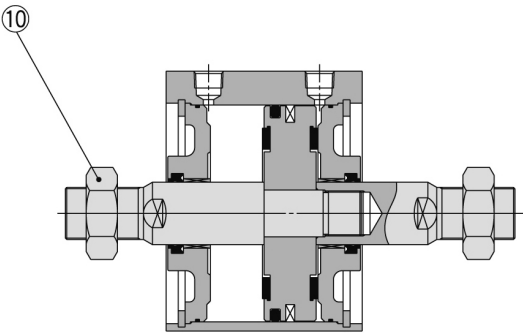
Standard



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)

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CQ2-Z-B_EU.pdf