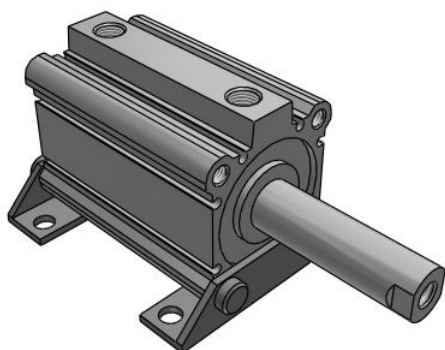


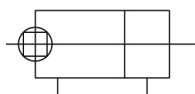


C(D)Q2KW, Compact Cylinder, Double Acting, Double Rod, Non- rotating w/Auto Switch Mounting Groove CDQ2KWL50-50DZ

Datasheet

General series information

- Double acting, double rod, non-rotating compact cylinder
- Bore sizes (mm): 12, 16, 20, 25, 32, 40, 50, 63
- Standard stroke range (mm): 5 to 100
- Port threads: M (12 to 25 bore); Rc, NPT or G (32 to 63 bore)
- Can mount small auto switches on 4 surfaces.



Double-acting cylinder with double piston rod

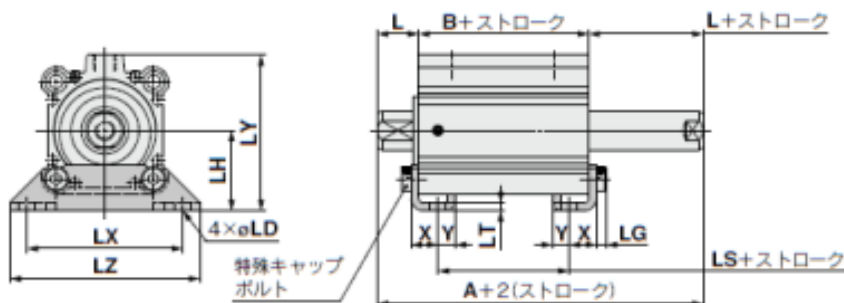
Standard specifications

Magnet	D (Built-in)
Mounting	L (Foot)
Bore Size	Ø50 mm
Port Thread	Rc: 32-100 Bore; M Thread 12 to 25 Bore
Stroke	50 mm
Body Option	Standard (Rod End Female Thread)
Auto Switch Groove	Z (Auto Switch Mounting Grooves)
Auto Switch	No Switch
Lead Wire or Pre-wired Connector	0.5 m (Or None in the Case of No Switch)
Number	2 pcs.
Rod End Options	None
Pressure medium	Compressed air
Maximum temperature of pressure medium	60 °C
Minimum temperature of pressure medium	-10 °C [without condensation]
Maximum operating pressure	1.0 MPa
Minimum operating pressure	0,05 Mpa
Proof pressure	1.5 MPa
Maximum ambient temperature	60 °C

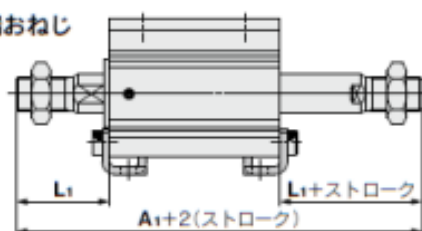
Minimum ambient temperature	-10 °C [without condensation]
Number of pneumatic connections	2 pcs.
Pneumatic input connection	Rc 1/4
Mode of operation of drive	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	825 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	825 N
Maximum piston speed	500 mm/s
Type of Stroke end	Double rod
Female thread of rod end	M10 x 1.5
Minimum piston speed	50 mm/s
Weight	1.220 Kg

Dimensions

フート形/CQ2KWL・CDQ2KWL



ロッド先端おねじ



ロッド先端おねじの場合

(mm)

チューブ内径 (mm)	ストローク範囲 (mm)	A ₁		L ₁
		オートスイッチ無	オートスイッチ付	
40	5~50	117	127	38.5
	75, 100	127	137.5	
50	10~50	127.5	137.5	43.5
	75, 100	137.5	147.5	
63	10~50	129	139	43.5
	75, 100	139	149	

フート形

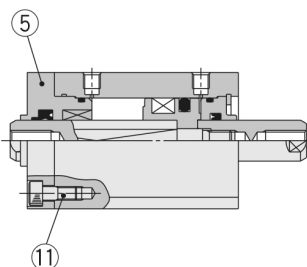
(mm)

チューブ内径 (mm)	ストローク範囲 (mm)	オートスイッチ無			オートスイッチ付			L	LD	LG	LH	LT	LX	LY	LZ	X	Y
		A	B	LS	A	B	LS										
40	5~50	74	40	24	84	50	34	17	6.6	4	33	3.2	64	68	78	11.2	7
	75, 100	84	50	34	84	50	34	17	6.6	4	33	3.2	64	68	78	11.2	7
50	10~50	76.5	40.5	17.5	86.5	50.5	27.5	18	9	5	39	3.2	79	78	95	14.7	8
	75, 100	86.5	50.5	27.5	86.5	50.5	27.5	18	9	5	39	3.2	79	78	95	14.7	8
63	10~50	78	42	16	88	52	26	18	11	5	46	3.2	95	91.5	113	16.2	8
	75, 100	88	52	26	88	52	26	18	11	5	46	3.2	95	91.5	113	16.2	8

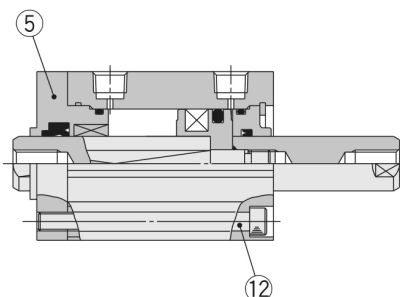
フート金具材質:炭素鋼
表面処理:ニッケルめっき

Constructions

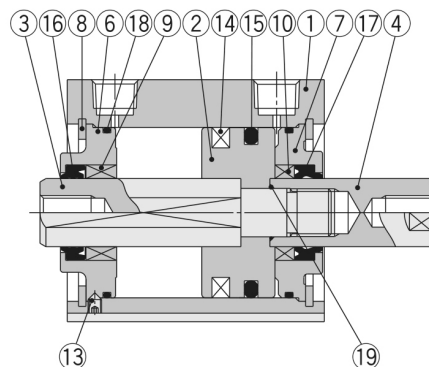
ø12 to ø25



ø32



ø40 to ø63



Component Parts

No.	Description	Material	Note
1	Cylinder tube	Aluminum alloy	Hard anodised
2	Piston	Aluminum alloy	Chromated
3	Piston rod A	Stainless steel	ø12 to ø25
		Carbon steel	ø32 to ø63, Hard chrome plated
4	Piston rod B	Stainless steel	ø12 to ø25
		Carbon steel	ø32 to ø63, Hard chrome plated
5	Rod cover	Brass	ø12, Electroless nickel plated
		Aluminum alloy	ø16 to ø32, Anodised
6	Collar for non-rotating	Aluminum alloy	ø40 to ø63, Anodised
7	Collar	Aluminum alloy	ø12 to ø40, Anodised
		Aluminum alloy casted	ø50 to ø63, Chromated, Painted
8	Retaining ring	Carbon tool steel	Phosphate coated
9	Bushing for non-rotating	Oil-impregnated sintered alloy	ø16 to ø63
10	Bushing	Bearing alloy	ø50, ø63
11	Hexagon socket head cap screw	Alloy steel	ø12 to ø25, Nickel plated
12	Hexagon socket head cap screw	Alloy steel	ø32, Nickel plated
13	Hexagon socket head set screw	Alloy steel	ø40 to ø63, Nickel plated
14	Magnet	—	

No.	Description	Material	Note
15	Piston seal	NBR	
16	Rod seal for non-rotating	NBR	
17	Rod seal	NBR	
18	Gasket	NBR	
19	Piston gasket	NBR	ø32 to ø63

Additional information

Catalogue

[CQ2-Z-D_EU.pdf](#)

Operation manuals

[OM_CQ2x_OM0002MEN.pdf](#)