

標準規格 Standard

單位 (Unit) : mm

缸徑(mm)	12	16	20	25	32	40	50	63	80	100	
使用流體 Fluid	空氣 air										
動作模型 Motion model	單杆雙作用 Double acting single rod										
保固耐壓力 Withstanding pressure	1.5MPa (15.3kgf/cm ²)										
最高使用壓力 Maximum operating pressure	1.0Mpa (10.2kgf/cm ²)										
最低使用壓力 Minimum operating pressure	0.07Mpa		0.05Mpa								
環境及流體溫度 Environment and fluid temperature	無磁性閉閥: -10~70℃ (未凍結時) 有磁性閉閥-10~60℃ (未凍結時) Without auto switch: -10~70℃ (when not frozen) with a magnetic switch: -10~60℃ (when not frozen)										
給油 To oil	不要 (不給油) Do not (do not give oil)										
使用油速度 Piston speed	50~500mm/s										
允許功能J Allow function J	標準型 Standard	0.022	0.038	0.055	0.09	0.15	0.26	0.46	0.77	1.36	2.27
行程長度誤差 Stroke length error	標準型 Belt cushion	0.043	0.075	0.11	0.18	0.29	0.52	0.91	1.54	2.71	5.54
		+1.0mm (注)									

※行程長度誤差不含緩衝墊的變化量。
Stroke length variation error-free buffer pad

產品特性

磁性開關不凸出，防止損壞磁性開關：

磁件開關和導軌來挂袖口的情況明消除了，提高了操作性和安全性；

減少重量：減少環境的污染

小型磁性開關，可以準確無誤地安裝到預定位置

防水性提高：可以在水和冷却液折環境使用

耐強磁場型，可以在交流點焊機等強磁場環

減少操作工時，磁場性開關更方便安裝

減少設計工時，安裝磁性開關不會影響氣

Magnetic switch does not protrude prevent damage magnetic switch:
the case of care cuff magnetic switch and rail chant eliminated, improving the operability and safety.

Weight reduction: reducing environmental pollution

Waterproof improved: You can use liquid cooling off in the water and environment.

Field resistant type: can be used in the exchange of spot welding and other strong magnetic

When reducing operator magnetic switch of more expensive side installation

Reduce design man-hours: Install a magnetic switch does not affect cylinder dimensions, no interference between devices on again to confirm.

訂貨舉例

- 1 所需缸徑：16，行程：20，雙動通孔，杆端內螺紋，正確型號：HCQ2B16-20D
2 所需缸徑：32，行程100，雙動內置磁環型，兩端內螺紋，橡膠緩衝。
正確型號：HCDQ2A32-100DCMZ
- 1 Required Bore: 16, stroke: 20, double-acting through-hole, the inner end of the threaded rod, the correct model: HCQ2B16-20D
2 Desired bore: 32, stroke 100, double-acting Built-in magnet type, inner ends of threaded, rubber cushion. The correct model: HCDQ2A32-100DCMZ



標準行程表 Standard Stroke

單位 (Unit) : mm

缸徑/Bore(mm):	標準行程/Standard stroke
12,16	5,10,15,20,25,30
20,25	5,10,15,20,25,30,35,40,45,50
32,40	5,10,15,20,25,30,35,40,45,50,75,100
50~100	10,15,20,25,30,35,40,45,50,75,100

超過標準行程の場合，參見長行程。

關於中間行程的生產情況，請參與本公司銷售部聯系

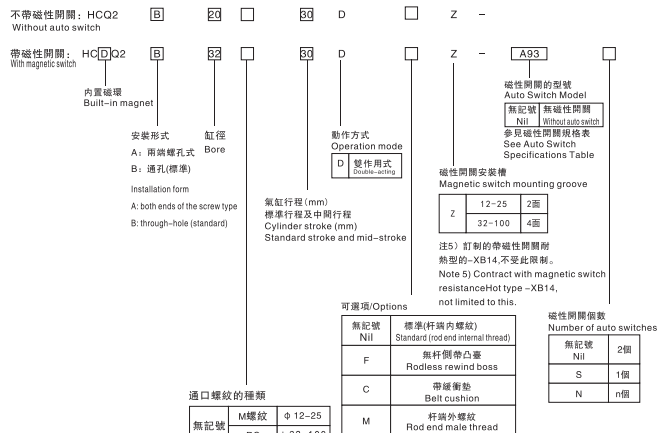
行程55-75，以內置磁環型行程75為準，行程80-100，以內置磁環行程100為準，中間加墊片，調整所需行程

More than the standard stroke occasions, participation in long stroke

About the middle of stroke production, please contact our sales department to participate

55-75 trip to the built-in magnet type prevail stroke 75 stroke 80-100, built-in magnet stroke 100 prevail, the middle shim to adjust the required travel.

型號表示方法 How to order



注2) 内置快换接头祇适用于缸徑為□32-φ63,并且不能用于氣液聯動式。

注3) 氣液聯動式無R.

無磁性開關の場合，祇有□32-5mm行程為M螺紋。

Note 2) Built-in quick couplers applies only to a bore of □ 32-φ 63

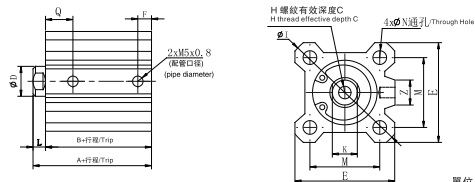
and it can not be used for gas-liquid i

No auto switch, only ☐ 32-5mm stroke M thread

外形尺寸圖(MM) Outline Dimension Chart

標準型(通孔式) HCQ2B $\phi 12-\phi 25$ 無磁性間隔

The standard type (through hole type) HCQ2B 12-Phi 25 free magnetic switch



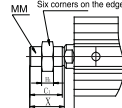
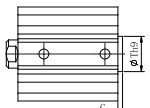
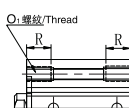
單位 (Unit) : mm

標準型 (通孔式)
Standard (Through Hole)

缸徑Bore (mm)	行程Stroke (mm)	A	B	C	D	E	F	H	I	K	L	M	N	O	Q	S	U	V
12	5~30	20.5	17.5	6	6	25	5	M3x0.5	32	5	3.5	15.5	3.5	6.5深3.5	7.5	-	-	-
16	5~30	22	18.5	8	8	29	5.5	M4x0.7	38	6	3.5	20	3.5	6.5深3.6	8	10	-	-
20	5~30	24	19.5	7	10	36	5.5	M5x0.8	47	8	4.5	25.5	5.5	9深7	9	10	-	-
25	5~30	27.5	22.5	12	12	40	5.5	M6x1.0	52	10	5	28	5.5	9深7	11	10	-	-

注2) 帶緩衝墊的外形尺寸與上表相同。

Note 2) With the cushion on the table with the same dimensions.

HCQ2A兩端螺孔式
both ends of the screw type無桿側帶凸臺的場合
Rodless side with the boss of the occasion杆端外螺紋的場合
Rod end male thread occasion六角對邊B:
Six corners on the edge

缸徑Bore (mm)	O1	R	B
12	M3x0.5	7	17
16	M4x0.7	7	18.5
20	M5x0.8	10	19.5
25	M6x1.0	10	22.5

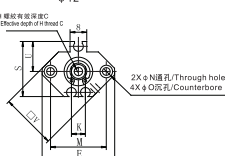
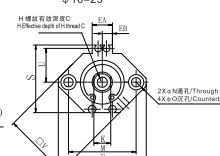
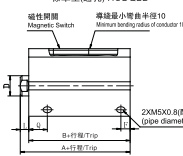
缸徑Bore (mm)	G	Th
12	1.5	15° $\phi_{0.013}$
16	1.5	20° $\phi_{0.022}$
20	2	13° $\phi_{0.013}$
25	2	15° $\phi_{0.023}$

注1) 杆端帶凸臺角可選槽。 (在型號末尾加-KC36)
Note 1) The rod-side with the boss is optional specifications. (Not the end of the model plus -KC36)

缸徑Bore (mm)	B1	C1	H1	L1	MM	X
12	8	9	4	14	M5x0.8	10.5
16	10	10	5	15.5	M6x1.0	12
20	13	12	5	18.5	M8x1.25	14
25	17	15	6	22.5	M10x1.25	17.5

HCQ2 $\phi 12-\phi 25$ 帶磁性間隔 無磁性間隔的場合, 祇有A, B, F, P, Q的尺寸發生變化, 參見尺寸表。HCQ2 $\phi 12-\phi 25$ with magnetic switch without magnetic switch occasion, only A, B, F, P, Q size change, see the size table.

標準型(通孔) HCQ2B

 $\phi 16-25$ $\phi 12$ 

HCQ2B標準型 (通孔式)

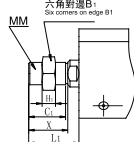
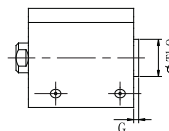
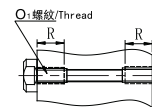
HCQ2B Standard (Through Hole Type)

單位 (Unit) : mm

缸徑Bore (mm)	行程Stroke (mm)	A	B	C	D	E	EA	EB	F	H	K	L	M	N	O	Q	S	U	V
12	5~30	31.5	28	6	6	33	-	-	6.5	M3x0.5	5	3.5	22	3.5	6.5深3.5	11	27.5	14	25
16	5~30	34	30.5	8	8	37	13.2	6.6	5.5	M4x0.7	6	3.5	28	3.5	6.5深3.5	10	29.5	15	29
20	5~30	36	31.5	7	10	47	13.6	6.8	5.5	M5x0.8	8	4.5	36	5.5	9深7	10.5	35.5	18	36
25	5~30	37.5	32.5	12	12	52	13.6	6.8	5.5	M6x1.0	10	5	40	5.5	9深7	11	40.5	21	40

注2) 帶緩衝墊的外形尺寸與上表相同。

Note 2) With the cushion on the table with the same dimensions.

兩端螺孔式的場合
Two screw hole type occasions無桿側帶凸臺的場合(mm)
The occasion of the non rod side with a convex table杆端外螺紋的場合
The occasion of the screw thread

HCQ2A兩端螺孔式

HCQ2A Type screw holes at both ends

缸徑Bore (mm)	O1	R
12	M4x0.7	7
16	M4x0.7	7
20	M6x1.0	10
25	M6x1.0	10

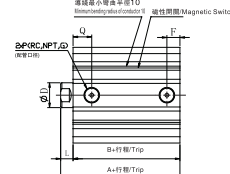
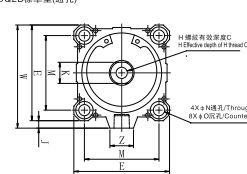
缸徑Bore (mm)	G	Th
12	1.5	15° $\phi_{0.013}$
16	1.5	20° $\phi_{0.022}$
20	2	13° $\phi_{0.013}$
25	2	15° $\phi_{0.023}$

注1) 杆端帶凸臺角可選槽。 (在型號末尾加-KC36)
Note 1) The rod-side with the boss is optional specifications. (Not the end of the model plus -KC36)

缸徑Bore (mm)	B1	C1	H1	L1	MM	X
12	8	9	4	14	M5x0.8	10.5
16	10	10	5	15.5	M6x1.0	12
20	13	12	5	18.5	M8x1.25	14
25	17	15	6	22.5	M10x1.25	17.5

HCQ2 $\phi 32-\phi 50$ 帶磁性間隔 無磁性間隔的場合, 祇有A, B, F, P, Q的尺寸發生變化, 參見尺寸表。HCQ2 $\phi 32-\phi 50$ with magnetic switch without magnetic switch occasion, only A, B, F, P, Q size change, see the size table.

HCQ2B/HCQ2B標準型(通孔)



缸徑Bore (mm)	行程Stroke (mm)	無磁性間隔/Magnetic switch	帶磁性間隔/Magnetic switch	C	D	E	H	J	K	L	M	N	O	W	Z
32	5	30	23	5.5	M5x0.8	11.5	40	33	7.5	1/8	10.5	13	16	45	5
	10~50	40	33	7.5	1/8	10.5	40	33	7.5	1/8	10.5	13	16	45	5
	75, 100	40	33	7.5	1/8	10.5	40	33	7.5	1/8	10.5	13	16	45	5
40	5~50	36.5	29.5	8	1/8	11	46.5	39.5	8	1/8	11	13	16	52	8
	75, 100	46.5	39.5	8	1/8	11	46.5	39.5	8	1/8	11	13	16	52	8
	10~50	46.5	39.5	8	1/8	11	46.5	39.5	8	1/8	11	13	16	52	8
50	10~50	48.5	40.5	10.5	1/4	10.5	48.5	40.5	10.5	1/4	10.5	15	20	64	11
	75, 100	48.5	40.5	10.5	1/4	10.5	48.5	40.5	10.5	1/4	10.5	15	20	64	11
	10~50	48.5	40.5	10.5	1/4	10.5	48.5	40.5	10.5	1/4	10.5	15	20	64	11

注2) 帶緩衝墊的外形尺寸與上表相同。

Note 2) With the cushion on the table with the same dimensions.

