

薄型气缸(长行程) Compact Air Cylinder (Long Stroke) Series KCQ2 (Ø32~Ø100)



规格 Specifications

缸径 Bore size (mm)	32	40	50	63	80	100
接管口径 Port size Rc(PT)	1/8		1/4		3/8	
使用流体 Fluid	过滤洁净空气 Filtered clean air					
动作形式 Action	双动 Double acting					
保证耐压力 Proof pressure (MPa)	1.5					
使用压力范围 Operating pressure range (MPa)	0.05~1.0					
环境及流体温度 Ambient and fluid temperature	-5~60°C (未冻结 No freezing)					
活塞速度 Piston speed	50~500 mm/s					
缓冲 Cushion	橡胶缓冲 Rubber bumper					
行程公差 Stroke tolerance (mm)	+1.4 0					
* 润滑 Lubrication	不需要 Not required					

* 如需要润滑请使用透平 1 号油 ISOVG32。Please use Turbine oil 1st Grade ISOVG32 if necessary.

行程 / 磁性开关 Stroke/ Auto switch

缸径 Bore size (mm)	标准行程 Standard stroke (mm)	* 中间行程范围 *Middle stroke range (mm)	磁性开关 / 轨道安装 Auto switch/ Rail mounting
32, 40, 50, 63, 80, 100	125, 150, 175, 200, 250, 300	101~299	D-Z80K

* 中间行程的最小间隔为 1mm, 通过在比中间行程长的标准行程缸筒内安装隔板的方式实现。
Middle stroke interval minimum 1 mm is implemented by using spacer in barrel of standard stroke.

型号表示方法 How to Order

KC

D

Q2

A

32

-

200

D

M

-

Z80K

S

磁环 Magnet

-	无 None
D	内置磁环 Built-in magnet

安装形式 Mounting

A	基本型 (两端内螺纹) Basic (Both ends female thread)
L	脚座 Foot
F	前法兰 Front flange
G	后法兰 Rear flange
D	双 U 型钩 Double clevis

行程 Stroke (mm)

缸径 Bore size (mm)

动作形式 Action

D	双动 Double acting
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磁性开关数量 No. of auto switches

-	2
S	1
3	3

磁性开关 Auto switch

Z80K	D-Z80K	有接点型 Reed switch
Z80KD	D-Z80KD	两线式无接点 2-wire, solid state
Z80KN	D-Z80KN	NPN 无接点 NPN solid state output
Z80KP	D-Z80KP	PNP 无接点 PNP solid state output

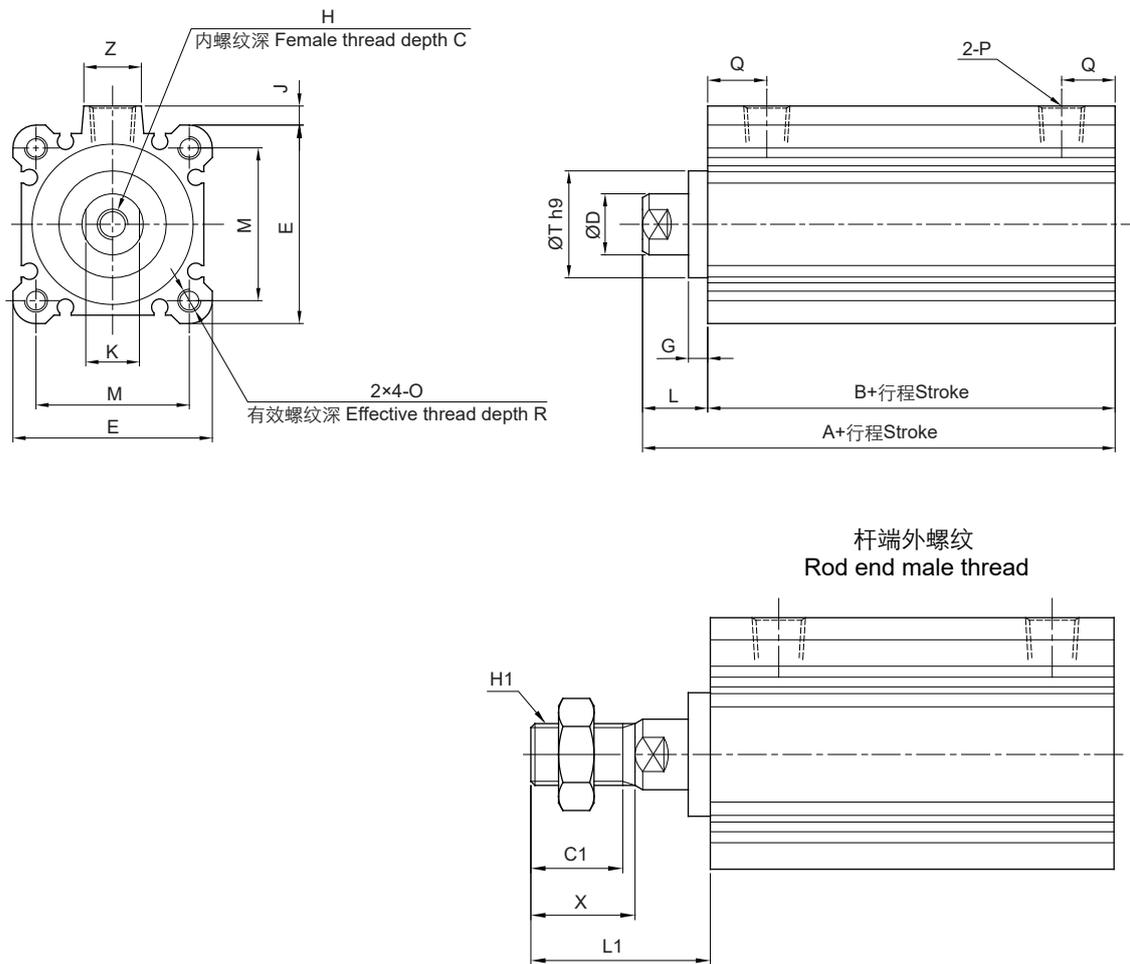
杆端螺纹 Rod end thread

-	杆端内螺纹 Rod end female thread
M	杆端外螺纹 Rod end male thread

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外形尺寸图 Dimensions (mm)

KC(D)Q2A



缸径 Bore size	A	B	C	C1	D	E	G	H	H1	J	K	L	L1	M	O	P	Q	R	T	X	Z
32	62.5	45.5	13	20.5	16	45	5	M8x1.25	M14x1.5	4.5	14	17	38.5	34	M6x1.0	1/8	12.5	10	22 ⁰ _{-0.052}	23.5	13
40	72	55	13	20.5	16	52	5	M8x1.25	M14x1.5	5	14	17	38.5	40	M6x1.0	1/8	14	10	28 ⁰ _{-0.052}	23.5	14
50	73.5	55.5	15	26	20	64	5	M10x1.5	M18x1.5	7	18	18	43.5	50	M8x1.25	1/4	14	14	35 ⁰ _{-0.062}	28.5	16
63	75	57	15	26	20	77	5	M10x1.5	M18x1.5	7	18	18	43.5	60	M10x1.5	1/4	16.5	18	35 ⁰ _{-0.062}	28.5	19
80	86	66	21	32.5	25	98	5	M16x2.0	M22x1.5	6	22	20	53.5	77	M12x1.75	3/8	19	22	43 ⁰ _{-0.062}	35.5	22
100	97.5	75.5	27	32.5	30	117	5	M20x2.5	M26x1.5	6.5	27	22	53.5	94	M12x1.75	3/8	23	22	59 ⁰ _{-0.074}	35.5	26