

# KCJ2 series

标准型气缸/Standard cylinder

φ6 φ10 φ16

KCJ2



## 规格/Specification

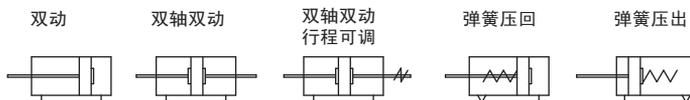
内径 mm	6	10	16
作动方式/Acting	双动型、单动压回、单动压出		
工作介质/Fluids	洁净空气		
使用压力/Pressure range	0.2MPa ~ 0.7MPa		
耐压力/Pressure-Resistance	1.0MPa		
工作温度/Fluids temp	无磁性开关: -10~70C°, 带磁性开关: -10~60C°		
速度范围/Speed range	50 ~ 750		
行程公差/Stroke length tolerance	+1.0 0		
缓冲型式/Cushion type	两端橡胶缓冲		
润滑型式/Lubrication	无润滑		
接管口径/Port size	M5x0.8		

## 特性/Characteristic

- 1、执行JIS标准;
- 2、属迷你型小型气缸, 结构紧凑, 体积小, 重量轻;
- 3、活塞杆导向精度高, 导向轴承无需另加润滑油;
- 4、镀铬材质的活塞杆及不锈钢缸体, 能适应一般腐蚀性的工作环境;
- 5、有多种安装形式可供客户选择。

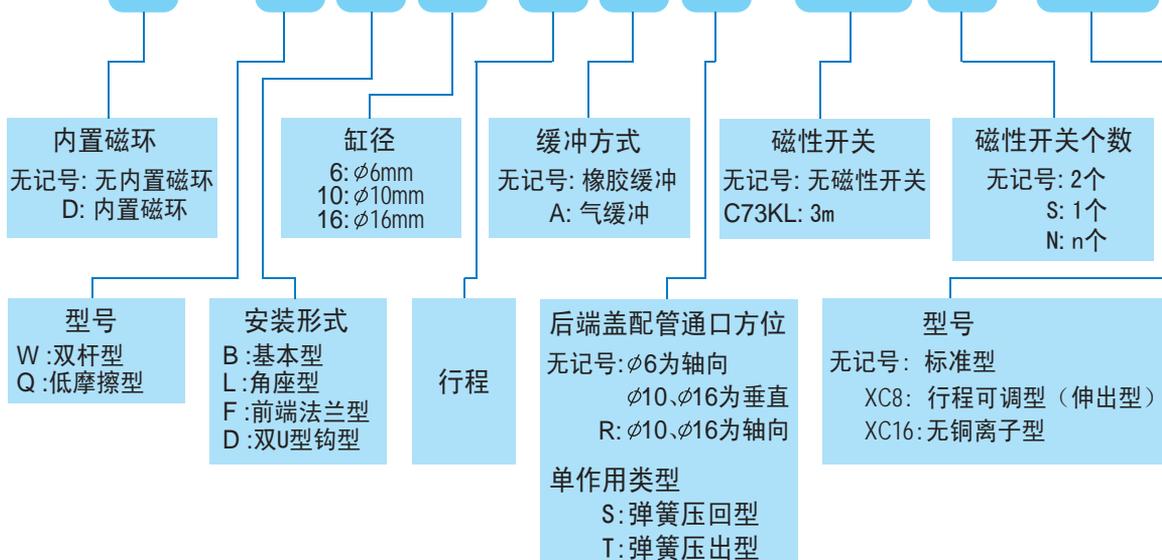
\* 如需润滑, 请用透平1号油。

## 符号/Mark



## 订购码/Ordering NO.

**KC D J2 W B 6 - 10 A R - C73 S - XC8**



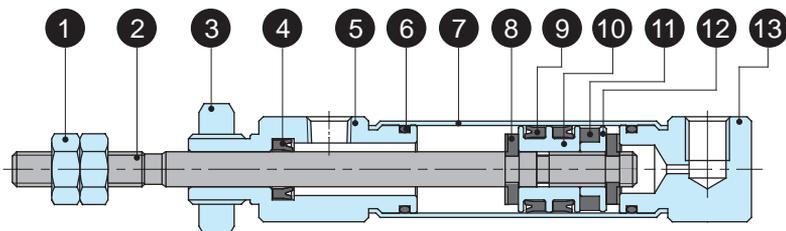
## 标准型气缸/Standard cylinder

### 行程/Stroke

内径 (mm)	标准行程 (mm)	最大行程	容许行程	磁性开关
6	15 30 45 60	60	60	I-C73K
10	15 30 45 60 75 100 125 150	150	150	
16	15 30 45 60 75 100 125 150 175 200	200	300	



### 内部结构/Assembly Chart



序号	零件名称	序号	零件名称	序号	零件名称
1	螺母	6	O型圈	11	磁环
2	活塞杆	7	缸筒	12	磁环座
3	螺母	8	缓冲垫	13	后盖
4	密封圈	9	活塞密封圈		
5	前盖	10	活塞		

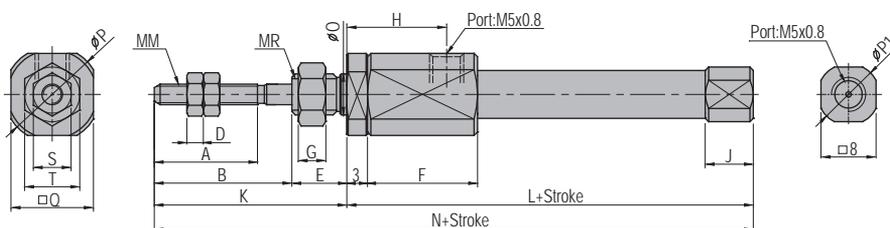
### 主要零件材质/Material Quality

零件名称	材质	零件名称	材质	零件名称	材质
前、后盖	铝合金	活塞	铝合金	磁环	稀土类
活塞杆	S45C镀硬铬	异性密封件	NBR	磁环座	黄铜
缸筒	不锈钢	O型圈	NBR	防撞垫	POM

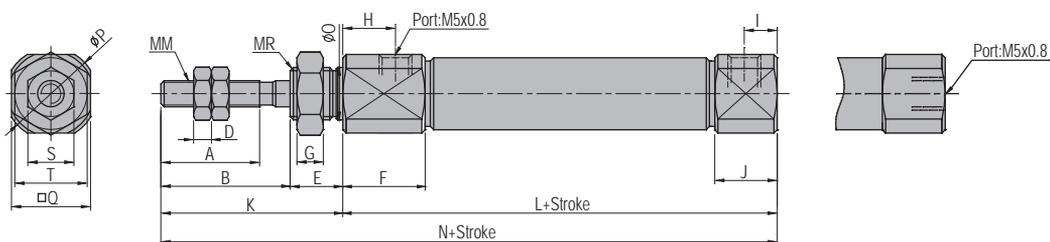
## 标准型气缸/Standard cylinder

### 外部规格/Dimensions

#### KCJ2B6 series



#### KCJ2B10、16 series



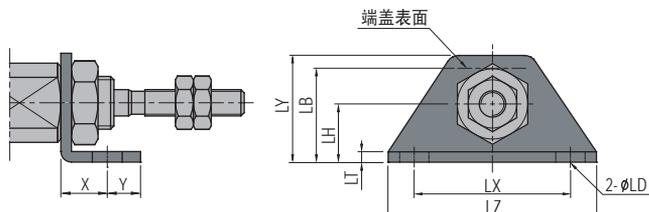
缸径 (mm)	A	B	D	E	F	G	H	I	J	K	L	MM	MR	N	φO h8	φP	φP1	Q	S	T
6	15	20	2.4	8	16	4	14.5	-	7	28	49	M3x0.5	M6x1	77	6	14	9	12	5.5	8
10	15	20	3.2	8	12.5	4	8	5	9.5	28	46	M4x0.7	M8x1	74	8	13.8	-	12	7	11
16	15	20	4	8	12.5	4	8	5	9.5	28	47	M5x0.8	M10x1	75	10	20	-	18	8	14

#### 前盖带套筒型

缸径 (mm)	G	MR	T
10	4	M10x1	14
16	4	M12x1	14

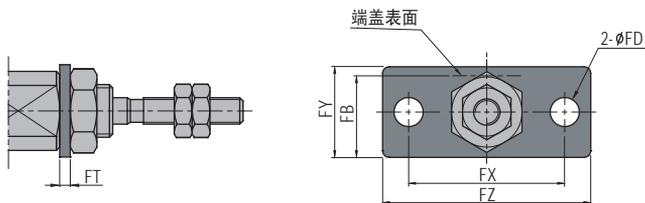
### 外部规格/Dimensions

#### KCJ2L series



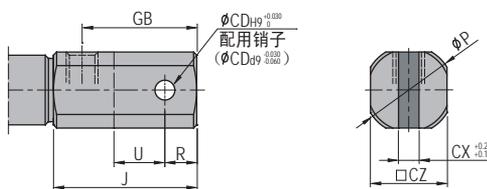
脚座									
缸径 (mm)	LB	φLD	LH	LT	LX	LY	LZ	X	Y
6	15	4.5	9	1.6	24	16.5	32	7	5
10	15	4.5	9	1.6	24	16.5	32	7	5
16	23	5.5	14	2.3	33	25	42	9	6

#### KCJ2F series



法兰						
缸径 (mm)	FB	φFD	FT	FX	FY	FZ
6	13	4.5	1.6	24	14	32
10	13	4.5	1.6	24	14	32
16	19	5.5	2.3	33	20	42

#### KCJ2D series



双U型钩								
缸径 (mm)	φCD	CX	CZ	GB	J	φP	R	U
10	3.3	3.2	12	18	22.5	14	5	8
16	5	6.5	18	23	27.5	20	8	10

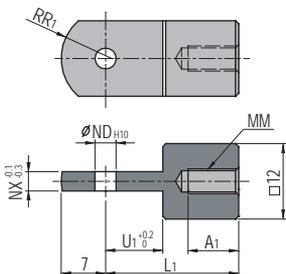


KCJ2

## 标准型气缸/Standard cylinder

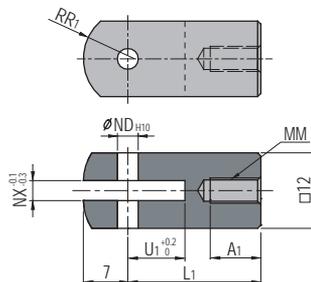
### 附件/Attachment

#### I型单肘节接头



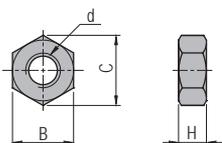
缸径 (mm)	A1	L1	MM	ND	NX	R1	U1
10	8	21	M4x0.7	3.3 <sup>+0.048/0</sup>	3.1	8	9
16	8	25	M5x0.8	5 <sup>+0.048/0</sup>	6.4	12	14

#### Y型双肘节接头



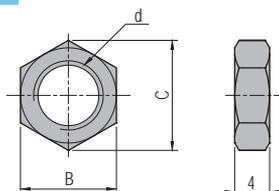
缸径 (mm)	A1	L1	MM	ND	NX	R1	U1
10	8	21	M4x0.7	3.3 <sup>+0.048/0</sup>	3.2	10	8
16	11	21	M5x0.8	5 <sup>+0.048/0</sup>	6.5	10	12

#### 杆端螺母



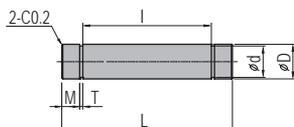
缸径 (mm)	B	C	d	H
6	5.5	6.4	M3x0.5	2.4
10	7	8.1	M4x0.7	3.2
16	8	9.2	M5x0.8	4

#### 缸身螺母



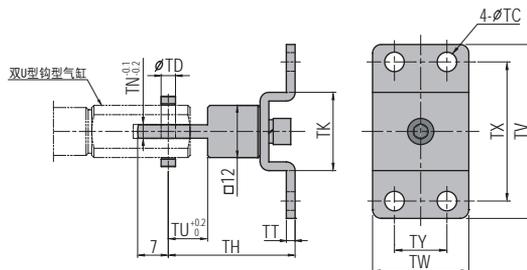
缸径 (mm)	B	C	d
6	8	9.2	M6x1.0
10	11	12.7	M8x1.0
16	14	16.2	M10x1.0

#### 双U型钩用/肘节接头销子



规格	缸径 (mm)	∅d	D d9	I	L	M	T
双U型钩用销子	10	3	3.3 <sup>+0.030/0.060</sup>	12.2	15.2	1.5	0.3
	16	4.8	5 <sup>+0.030/0.060</sup>	18.3	22.7	1.5	0.7
肘节接头用销子	10	3	3.3 <sup>+0.030/0.060</sup>	12.2	16.2	1.5	0.3
	16	4.8	5 <sup>+0.030/0.060</sup>	12.2	16.6	1.5	0.7

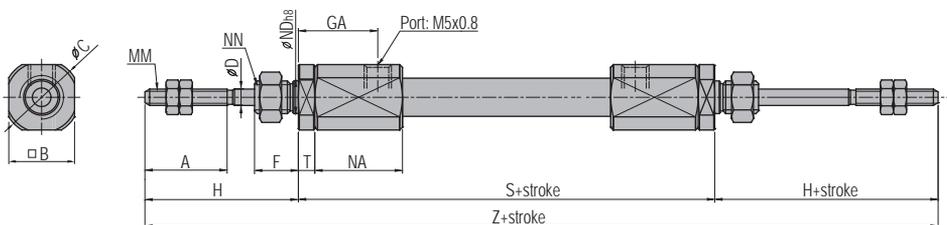
#### T型接座



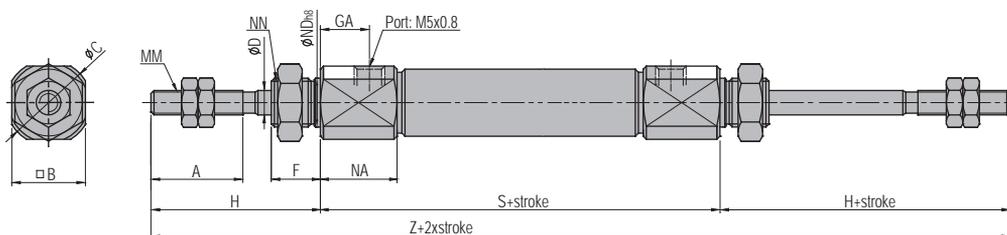
缸径 (mm)	TC	TD <sub>H10</sub>	TH	TK	TN	TT	TU
10	4.5	3.3 <sup>+0.048/0</sup>	29	18	3.1	2	9
16	5.5	5 <sup>+0.048/0</sup>	35	20	6.4	2.3	14
缸径 (mm)	TV	TW	TX	TY			
10	40	22	32	12			
16	48	28	38	16			

### 外部规格/Dimensions

#### KCJ2W6 series



#### KCJ2W10,16 series

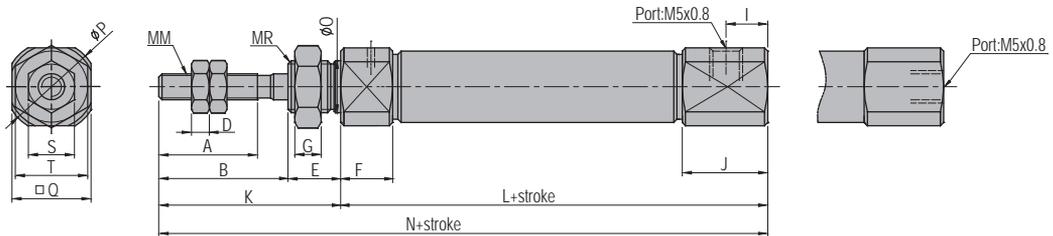


缸径 (mm)	A	B	C	D	F	GA	H	MM	NA	NDh8	NN	S	T	Z
6	15	12	14	3	8	14.5	28	M3x0.5	16	$6_{-0.018}^0$	M6x1.0	66	3	122
10	15	12	14	4	8	8	28	M4x0.7	12.5	$8_{-0.022}^0$	M8x1.0	49	-	105
16	15	18	20	5	8	8	28	M5x0.8	12.5	$10_{-0.022}^0$	M10x1.0	50	-	106

## 标准型气缸 (单动压回) / Standard cylinder

### 外部规格/Dimensions

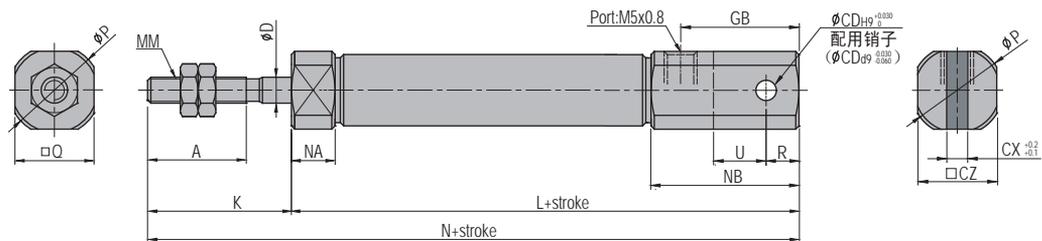
#### KCJ2B-S series



缸径 (mm)	A	B	D	E	F	G	I	J	K	L								MM	MR
										5~15st	16~30st	31~45st	46~60st	61~75st	76~100st	101~125st	126~150st		
6	15	20	2.4	8	3	4	-	7	28	39.5	48.5	52.5	66.5	-	-	-	-	M3x0.5	M6x1.0
10	15	20	3.2	8	5.5	4	5	9.5	28	45.5	53	65	77	-	-	-	-	M4x0.7	M8x1.0
16	15	20	4	8	5.5	4	5	9.5	28	45.5	54	66	78	84	108	126	138	M5x0.8	M10x1.0

缸径 (mm)	φO <sub>h8</sub>	φP	□Q	S	T	N							
						5~15st	16~30st	31~45st	46~60st	61~75st	76~100st	101~125st	126~150st
6	6 <sup>0</sup> <sub>-0.018</sub>	9	8	5.5	8	67.5	76.5	80.5	94.5	-	-	-	-
10	8 <sup>0</sup> <sub>-0.018</sub>	14	12	7	11	73.5	81	93	105	-	-	-	-
16	10 <sup>0</sup> <sub>-0.018</sub>	20	18	8	14	73.5	82	94	106	112	136	154	166

#### KCJ2D-S series



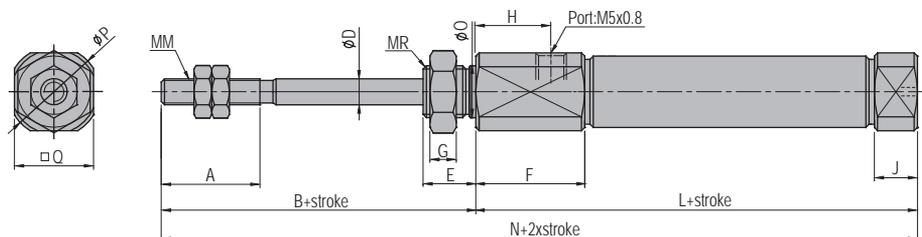
缸径 (mm)	A	CD	CX	CZ	D	GB	H	MM	NA	NB	P	Q	R	U	L							
															5~15st	16~30st	31~45st	46~60st	61~75st	76~100st	101~125st	126~150st
10	15	3.3	3.2	12	4	18	20	M4x0.7	5.5	22.5	14	12	5	8	45.5	53	65	77	-	-	-	-
16	15	5	6.5	18	5	23	20	M5x0.8	5.5	27.5	20	18	8	10	45.5	54	66	78	84	108	126	138

缸径 (mm)	N							
	5~15st	16~30st	31~45st	46~60st	61~75st	76~100st	101~125st	126~150st
10	73.5	81	93	105	-	-	-	-
16	75.5	84	96	108	114	138	156	168

## 标准型气缸(单动压出) / Standard cylinder

### 外部规格/Dimensions

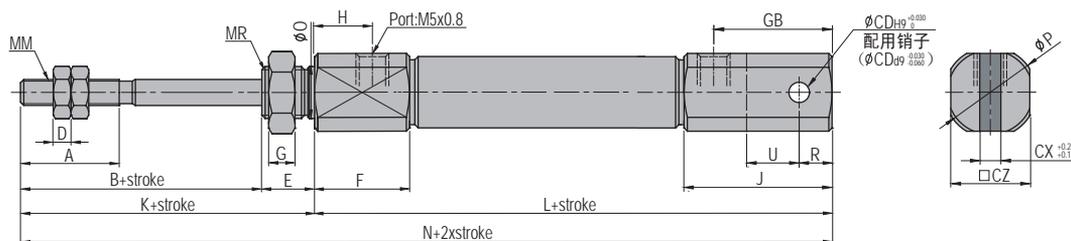
#### KCJ2B-T series



缸径 (mm)	A	B	φP	D	E	F	G	H	J	L								MM	MR
										5~15st	16~30st	31~45st	46~60st	61~75st	76~100st	101~125st	126~150st		
6	15	28	14	3	8	16	4	14.5	3	51.5	60.5	64.5	78.5	-	-	-	-	M3x0.5	M6x1.0
10	15	28	14	4	8	12.5	4	8	5.5	48.5	56	68	80	-	-	-	-	M4x0.7	M8x1.0
16	15	28	20	5	8	12.5	4	8	5.5	48.5	57	69	81	87	111	129	141	M5x0.8	M10x1.0

缸径 (mm)	φO <sub>h8</sub>	□Q	N							
			5~15st	16~30st	31~45st	46~60st	61~75st	76~100st	101~125st	126~150st
6	6 <sup>0</sup> <sub>-0.018</sub>	12	79.5	88.5	92.5	106.5	-	-	-	-
10	8 <sup>0</sup> <sub>-0.018</sub>	12	76.5	84	96	108	-	-	-	-
16	10 <sup>0</sup> <sub>-0.018</sub>	18	76.5	85	97	109	115	139	157	169

#### KCJ2D-T series



缸径 (mm)	A	B	CD	CX	CZ	D	E	F	G	GB	H	J	K	MM	L							
															5~15st	16~30st	31~45st	46~60st	61~75st	76~100st	101~125st	126~150st
10	15	20	3.3	3.2	12	3.2	8	12.5	4	18	8	22.5	28	M4x0.7	48.5	56	68	80	-	-	-	-
16	15	20	5	6.5	18	4	8	12.5	4	23	8	27.5	28	M5x0.8	48.5	57	69	81	87	111	129	141

缸径 (mm)	MR	φO <sub>h8</sub>	φP	R	U	N							
						5~15st	16~30st	31~45st	46~60st	61~75st	76~100st	101~125st	126~150st
10	M8x1.0	8 <sup>0</sup> <sub>-0.018</sub>	14	5	8	84.5	92	104	116	-	-	-	-
16	M10x1.0	10 <sup>0</sup> <sub>-0.018</sub>	20	8	10	86.5	95	107	119	125	149	167	179

