

### 规格 Specifications

缸径 Bore(mm)	8	10	12	16	20	25
使用流体 Fluid	洁净空气 Clean Air					
动作形成 Action	双动 Double Acting; 单动 Single Acting					
保证耐压力 Proof Pressure (MPa)	1.5					
最高使用压力 Max. Pressure (MPa)	1.0					
最低使用压力 Min. Pressure (MPa)	0.1	0.08	0.05			
环境及流体温度 Ambient Temperature	-5~60°C (未冻结 No Freezing)					
缓冲 Cushion	橡胶缓冲(标准), 气缓冲(可选) Rubber bumper (Std.), Air cushion (Option)					
活塞速度 Piston Speed	50~1500mm/s					
* 润滑 Lubrication	不需要 Not required					
接管口径 Port Size	M5×0.8				G1/8"	

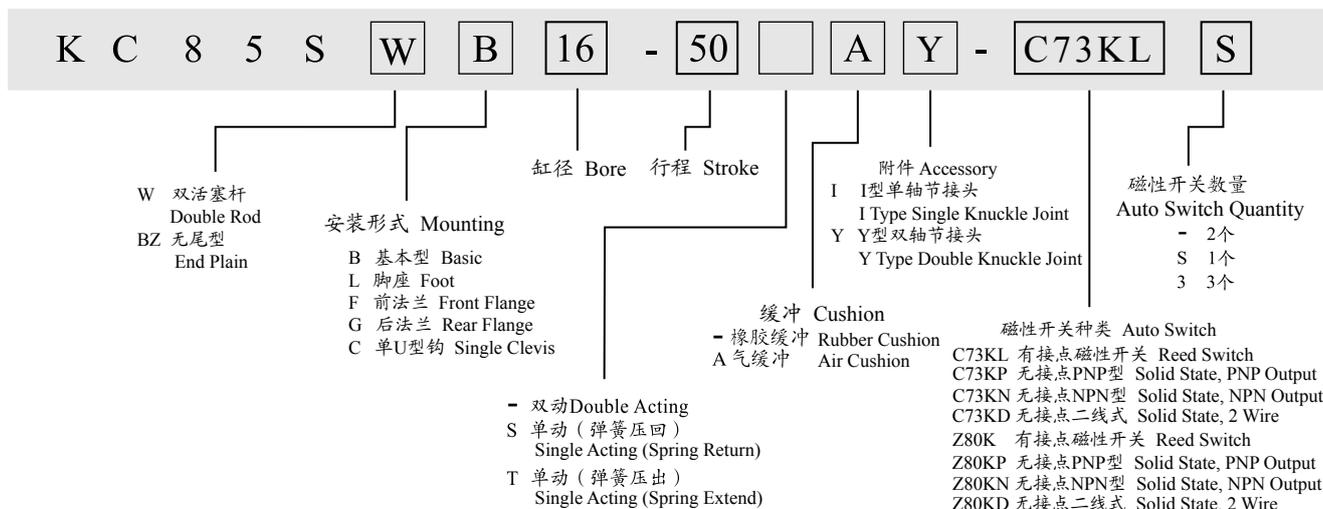
\* 若需要润滑请用透平1号油ISOVG32  
Use Turbine Oil 1st-grade ISOVG32, if necessary.

### 行程/磁性开关选择 Standard Stroke/Auto Switch

动作方式 Action	缸径 Bore	标准行程 Standard Stroke (mm)	最长行程 Max. Stroke (mm)	环带安装型 Band Mounting
				磁性开关/固定钢带 Auto switch/ Band
单动型 Single Acting	16	15, 25, 50, 75, 100	100	D-C73K□/ PBK□ D-Z80K□/ PBC-S
	20, 25	15, 25, 50, 75, 100, 125, 150	150	
	8, 10	10, 25, 40, 50, 80, 100	200	
双动型 Double Acting	12	10, 25, 40, 50, 80, 100, 125, 160, 200	200	
	16, 20, 25	15, 25, 50, 75, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500	900	

注: 有非标行程可供选择 Nonstandard stroke available.

### 型号表示方法 How To Order



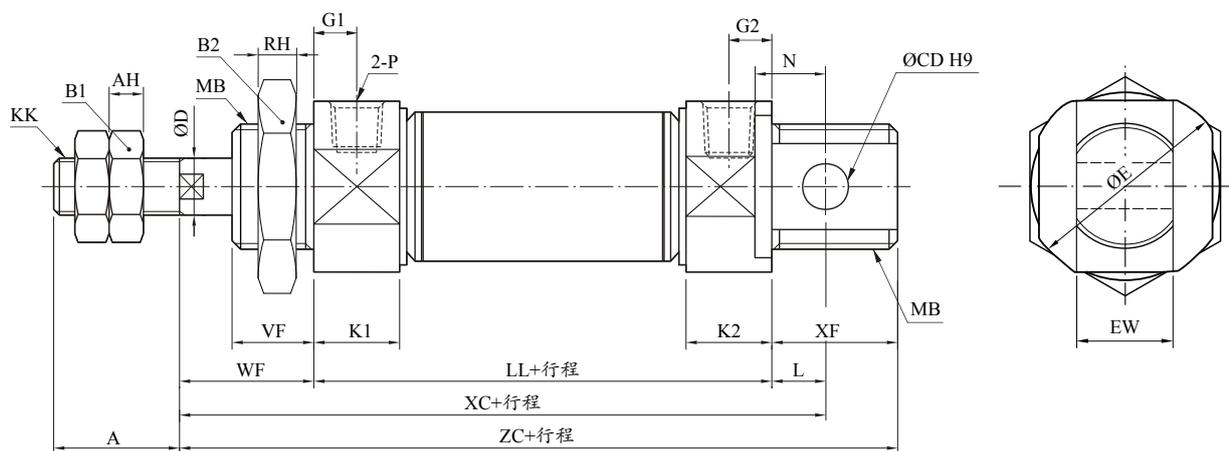
# ISO6432 标准气缸 (内置磁环)

## ISO6432 Standard Air Cylinder (Built-in Magnet)

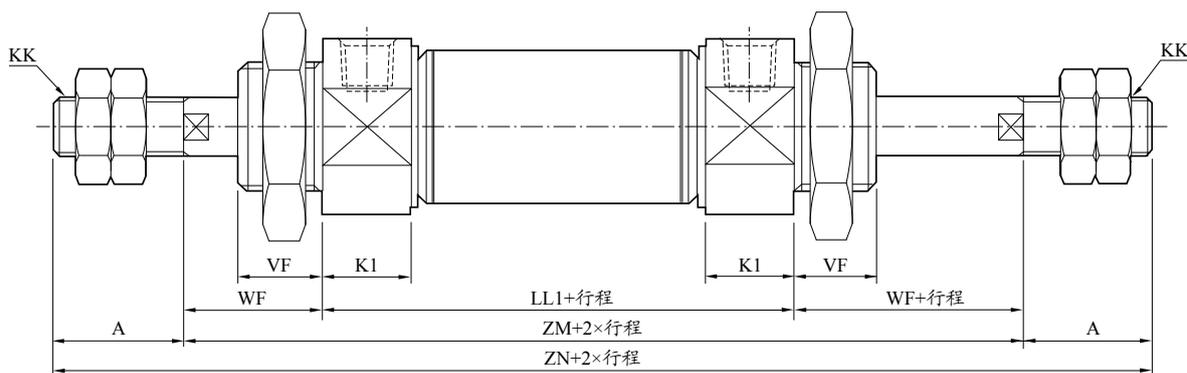
### Series KC85

### 外形尺寸图 Dimensions (mm)

基本型 (Basic Type)



双活塞杆型 (Double Rod Type)

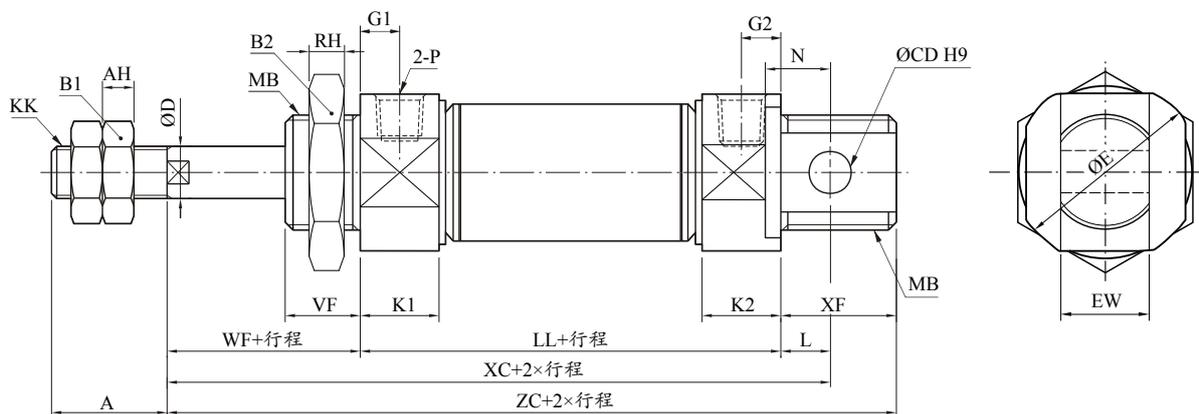


代号 缸径	A	AH	B1	B2	CD	D	E	EW	G1	G2	KK	K1	K2	L	LL	LL1	N	MB	P	RH	VF	WF	XC	XF
8	12	3.2	7	19	4	4	16.7	8 <sup>-0.05</sup> <sub>-0.4</sub>	7	5	M4×0.7	11.5	9.5	2	46	48	6	M12×1.25	M5×0.8	6	12	16	64	12
10	12	3.2	7	19	4	4	16.7	8 <sup>-0.05</sup> <sub>-0.4</sub>	7	5	M4×0.7	11.5	9.5	2	46	48	6	M12×1.25	M5×0.8	6	12	16	64	12
12	16	5	10	24	6	6	20	12 <sup>-0.05</sup> <sub>-0.4</sub>	8	6	M6×1.0	12.5	10.5	3	50	52	9	M16×1.5	M5×0.8	8	17	22	75	17
16	16	5	10	24	6	6	20	12 <sup>-0.05</sup> <sub>-0.4</sub>	8	6	M6×1.0	12.5	10.5	4	56	58	9	M16×1.5	M5×0.8	8	17	22	82	17
20	20	5	13	30	8	8	28	16 <sup>-0.05</sup> <sub>-0.4</sub>	8	8	M8×1.25	14.5	14.5	9	62	62	12	M22×1.5	G 1/8"	6	20	24	95	20
25	22	5	17	30	8	10	33.5	16 <sup>-0.05</sup> <sub>-0.4</sub>	8	8	M10×1.25	15	15	11	65	65	12	M22×1.5	G 1/8"	6	22	28	104	22

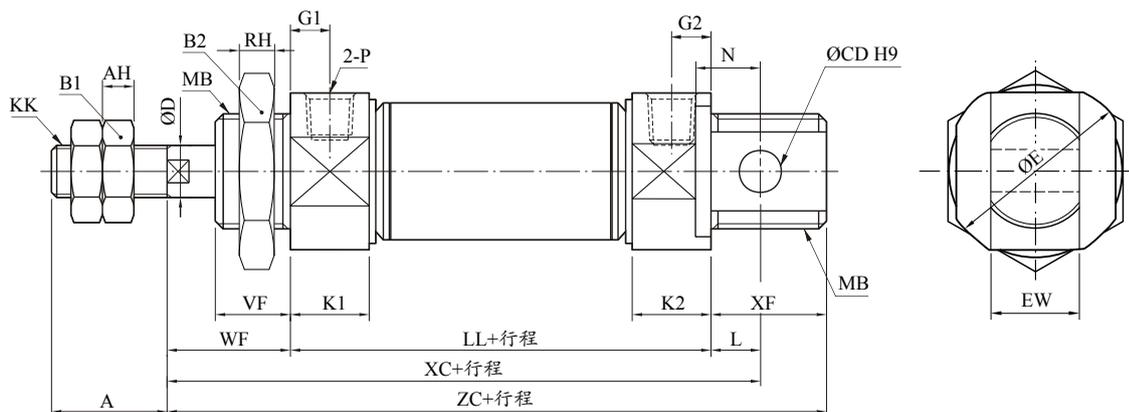
代号 缸径	ZC	ZM	ZN
8	74	80	104
10	74	80	104
12	89	96	128
16	95	102	134
20	106	110	150
25	115	121	165

# ISO6432 标准气缸 (内置磁环) ISO6432 Standard Air Cylinder (Built-in Magnet) Series KC85 外形尺寸图 Dimensions (mm)

单动 (弹簧压出) Single Acting (Spring Extend)



单动 (弹簧压回) Single Acting (Spring Return)



代号 缸径	A	AH	B1	B2	CD	D	E	EW	G1	G2	KK	K1	K2	L	MB	N	P	RH	VF	WF	XF
16	16	5	10	24	6	6	20	12 <sup>-0.05</sup> <sub>-0.4</sub>	8	6	M6×1.0	12.5	10.5	4	M16×1.5	9	M5×0.8	8	17	22	17
20	20	5	13	30	8	8	28	16 <sup>-0.05</sup> <sub>-0.4</sub>	8	8	M8×1.25	14.5	14.5	9	M22×1.5	12	G 1/8"	6	20	24	20
25	22	5	17	30	8	10	33.5	16 <sup>-0.05</sup> <sub>-0.4</sub>	8	8	M10×1.25	15	15	11	M22×1.5	12	G 1/8"	6	22	28	22

代号 行程 缸径	LL			XC			ZC		
	1~50	51~100	101~150	1~50	51~100	101~150	1~50	51~100	101~150
16	81	106		107	132		120	145	
20	87	112	137	120	145	170	131	156	181
25	90	115	140	129	154	179	140	165	190

# ISO6432 标准气缸 (内置磁环)

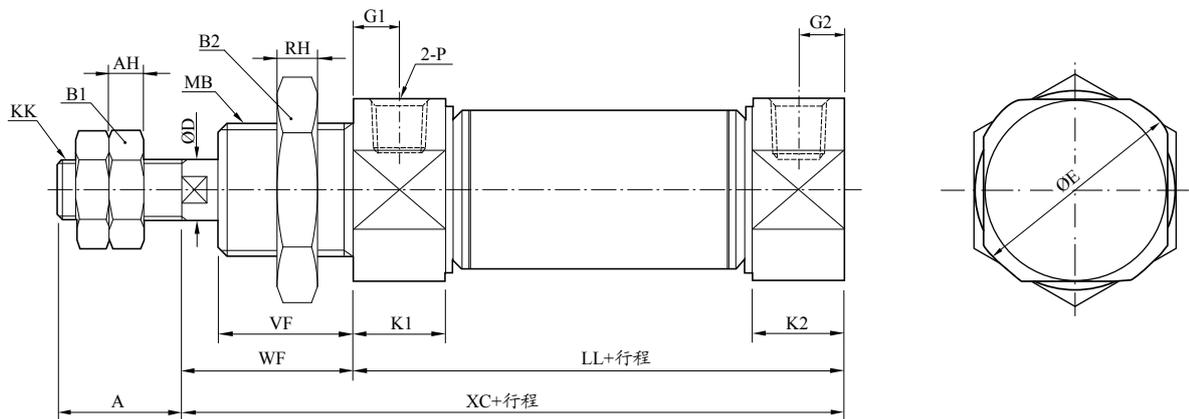
## ISO6432 Standard Air Cylinder (Built-in Magnet)

### Series KC85

#### 外形尺寸图 Dimensions (mm)

无尾型 (End Plain)

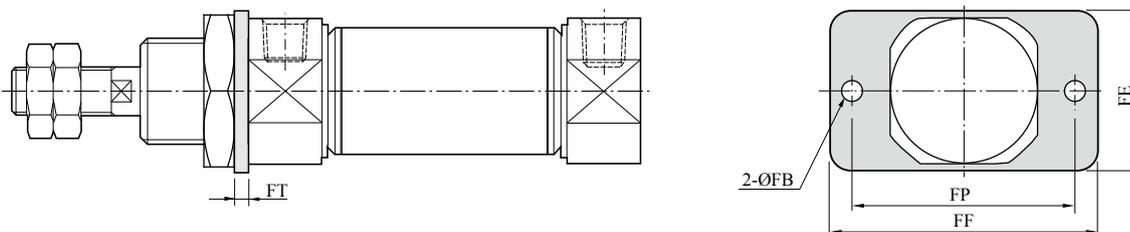
KC85SBZ



代号 缸径	A	AH	B1	B2	D	E	G1	G2	KK	K1	K2	LL	MB	P	RH	VF	WF	XC
8	12	3.2	7	19	4	16.7	7	5	M4×0.7	11.5	9.5	46	M12×1.25	M5×0.8	6	12	16	62
10	12	3.2	7	19	4	16.7	7	5	M4×0.7	11.5	9.5	46	M12×1.25	M5×0.8	6	12	16	62
12	16	5	10	24	6	20	8	6	M6×1.0	12.5	10.5	50	M16×1.5	M5×0.8	8	17	22	72
16	16	5	10	24	6	20	8	6	M6×1.0	12.5	10.5	56	M16×1.5	M5×0.8	8	17	22	78
20	20	5	13	30	8	28	8	8	M8×1.25	14.5	14.5	62	M22×1.5	G1/8"	6	20	24	86
25	22	5	17	30	10	33.5	8	8	M10×1.25	15	15	65	M22×1.5	G1/8"	6	22	28	93

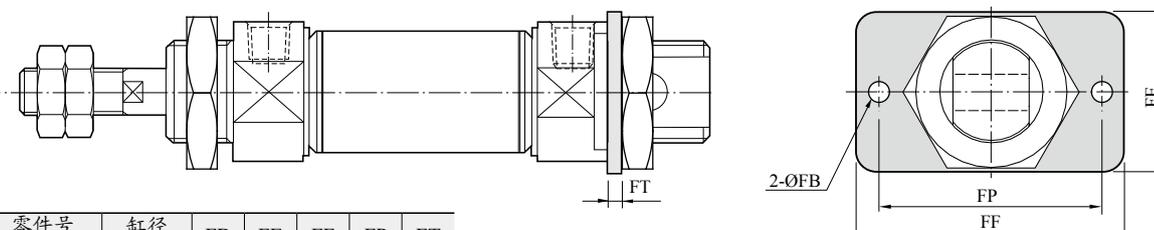
前法兰型 (Front Flange Type)

KC85SF



前/后法兰型 (Front/Rear Flange Type)

KC85SG

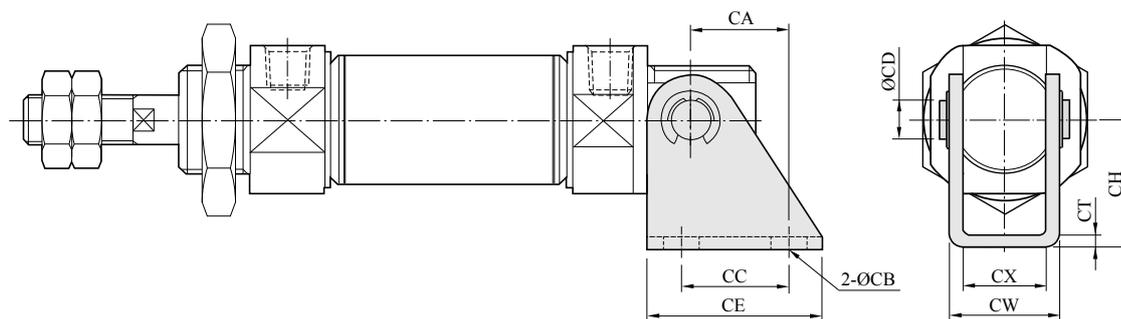


零件号 Part No.	缸径 Bore	FB	FE	FF	FP	FT
FC85-F10	8, 10	4.5	22	40	30	3
FC85-F16	12, 16	5.5	30	52	40	4
FC85-F25	20, 25	6.6	40	66	50	5

ISO6432 标准气缸 (内置磁环)  
 ISO6432 Standard Air Cylinder (Built-in Magnet)  
 Series KC85  
 外形尺寸图Dimensions (mm)

单U型钩接座 (Single Clevis Bracket Type)

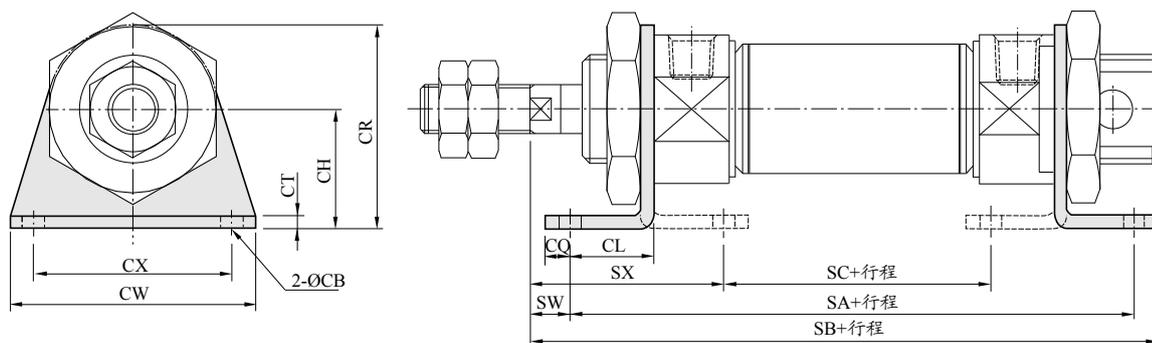
KC85SC



零件号 Part No.	缸径 Bore	CA	CB	CC	CD	CE	CH	CT	CW	CX
FC85-C10	8, 10	11	4.5	12.5	4	20	24	2.5	13.1	8.1
FC85-C16	12, 16	13	5.5	15	6	25	27	3	18.1	12.1
FC85-C25	20, 25	16	6.6	20	8	32	30	4	24.1	16.1

脚座型(Foot Type)

KC85SL

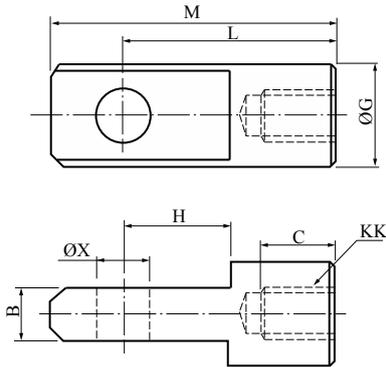


零件号 Part No.	缸径 Bore	CB	CH	CL	CQ	CR	CT	CW	CX	SA	SB	SC	SW	SX
FC85-L10	8, 10	4.5	16	11	5	26	3	35	25	68	78	30	5	24
FC85-L12	12	5.5	20	14	6	33	4	42	32	78	92	30	8	32
FC85-L16	16	5.5	20	14	6	33	4	42	32	84	98	36	8	32
FC85-L25	20	6.6	25	17	8	42	5	54	40	96	111	38	7	36
FC85-L25	25	6.6	25	17	8	42	5	54	40	99	118	41	11	40

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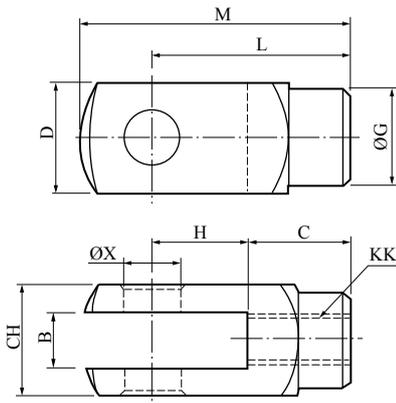
ISO6432 标准气缸 (内置磁环)  
 ISO6432 Standard Air Cylinder (Built-in Magnet)  
 Series KC85  
 外形尺寸图 Dimensions (mm)

I型单轴节接头 (I Type Single Knuckle Joint)



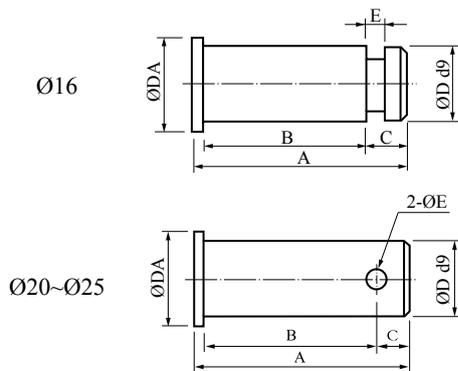
零件号 Part No.	缸径 Bore	B	C	G	H	KK	L	M	X
FC85-I16	16	6 <sup>+0.2</sup> <sub>-0.3</sub>	8	12	10	M6×1	21	31	6 <sup>+0.03</sup> <sub>0</sub>
FC85-I20	20	8 <sup>+0.1</sup> <sub>-0.2</sub>	14	16	12	M8×1.25	32	42	8 <sup>+0.036</sup> <sub>0</sub>
FC85-I25	25	10 <sup>+0.1</sup> <sub>-0.2</sub>	17	20	15	M10×1.25	40	52	10 <sup>+0.036</sup> <sub>0</sub>

Y型双轴节接头 (Y Type Double Knuckle Joint)



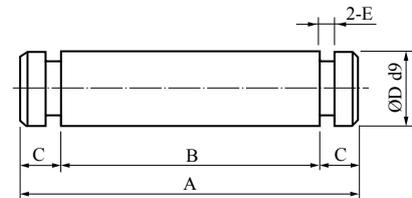
零件号 Part No.	缸径 Bore	B	C	CH	D	G	H	KK	L	M	X
FC85-Y16	16	6 <sup>+0.4</sup> <sub>+0.1</sub>	12	12	12	12	12	M6×1	24	31	6 <sup>+0.03</sup> <sub>0</sub>
FC85-Y20	20	8 <sup>+0.5</sup> <sub>+0.15</sub>	16	16	16	14	16	M8×1.25	32	42	8 <sup>+0.036</sup> <sub>0</sub>
FC85-Y25	25	10 <sup>+0.5</sup> <sub>+0.15</sub>	20	19	19	18	20	M10×1.25	40	52	10 <sup>+0.036</sup> <sub>0</sub>

销子(Pin) 适用于轴节接头  
(For Knuckle Joint)



零件号 Part No.	缸径 Bore	A	B	C	D	DA	E	扣环/开口销
FKJ6D	16	18.5	15	2	6 <sup>-0.03</sup> <sub>-0.06</sub>	10	0.7	E4 (扣环)
FKJ8D	20	24.5	20.5	2.5	8 <sup>-0.04</sup> <sub>-0.08</sub>	12	2.5	2.5长16 (开口销)
FKJ10D	25	30	25	3.5	10 <sup>-0.04</sup> <sub>-0.08</sub>	14	3.2	3.2长20 (开口销)

销子(Pin) 适用于U型钩接座  
(For Clevis Bracket)



零件号 Part No.	缸径 Bore	A	B	C	D	E	扣环
FC8DP-10A	8, 10	18	14	2	4 <sup>-0.03</sup> <sub>-0.06</sub>	0.7	E3.2
FC8DP-16A	12, 16	23.5	19.5	2	6 <sup>-0.03</sup> <sub>-0.06</sub>	0.7	E5
FC8DP-25A	20, 25	30	25	2.5	8 <sup>-0.04</sup> <sub>-0.08</sub>	0.9	E7