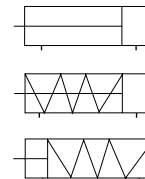


ISO6432标准气缸(内置磁环) ISO6432 Standard Air Cylinder (Built-in Magnet) Series **KC85 (Ø8~Ø25)**



规格 Specifications

缸径 Bore size (mm)	8	10	12	16	20	25
接管口径 Port size	M5x0.8				G1/8	
使用流体 Fluid	过滤压缩空气 Filtered compressed air					
动作形式 Action	双动 / 单动 Double acting/ Single acting					
保证耐压力 Proof pressure (MPa)	1.5					
使用压力范围 Operating pressure range (MPa)	0.1~1.0	0.08~1.0		0.05~1.0		
环境及流体温度 Ambient and fluid temperature	-5~60℃ (未冻结 No freezing)					
活塞速度 Piston speed	50~1500 mm/s					
缓冲 Cushion	橡胶缓冲 (标准) Rubber bumper (Standard) 气缓冲 (可选) Air cushion (Option)					
* 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

动作方式 Action	缸径 Bore size (mm)	标准行程 Standard stroke (mm)	最长行程 Max. stroke (mm)	磁性开关 / 固定钢带 Auto switch/ Band mounting
单动型 Single acting	16	15, 25, 50, 75, 100	100	D-M9BK/ PBC-S
	20, 25	15, 25, 50, 75, 100, 125, 150	150	
双动型 Double acting	8, 10	10, 25, 40, 50, 80, 100	200	
	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	

* 非标行程可定制。Nonstandard stroke can be customized.

型号表示方法 How to Order

KC85S W B 16 - 50 S A Y

行程 Stroke (mm) → 50

缸径 Bore size (mm) → 16

动作形式 Action → S

缓冲 Cushion → A

附件 Accessory → Y

活塞杆形式 Rod type → W

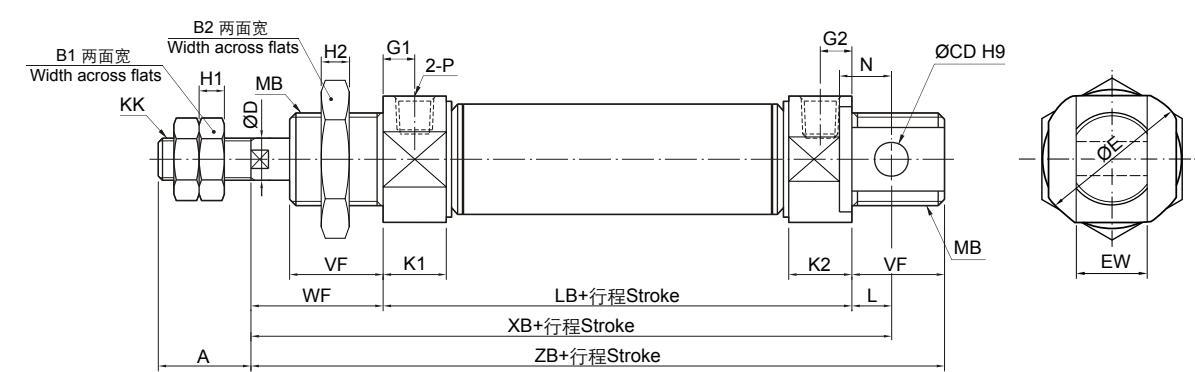
安装形式 Mounting → B

活塞杆形式 Rod type	安装形式 Mounting	动作形式 Action	缓冲 Cushion	附件 Accessory
- 单活塞杆 Single rod	B 基本型 Basic	- 双动 Double acting	- 橡胶缓冲 Rubber bumper	- 无 None
W 双活塞杆 Double rod	L 脚座 Foot	S 单动 (弹簧压回) Single acting (Spring return)	A 气缓冲 Air cushion	I 型单肘节接头 I type single knuckle joint
BZ 无尾型 End plain	F 前法兰 Front flange	T 单动 (弹簧压出) Single acting (Spring extend)		Y 型双肘节接头 Y type double knuckle joint
	G 后法兰 Rear flange			
	C U 型钩座 Clevis bracket			

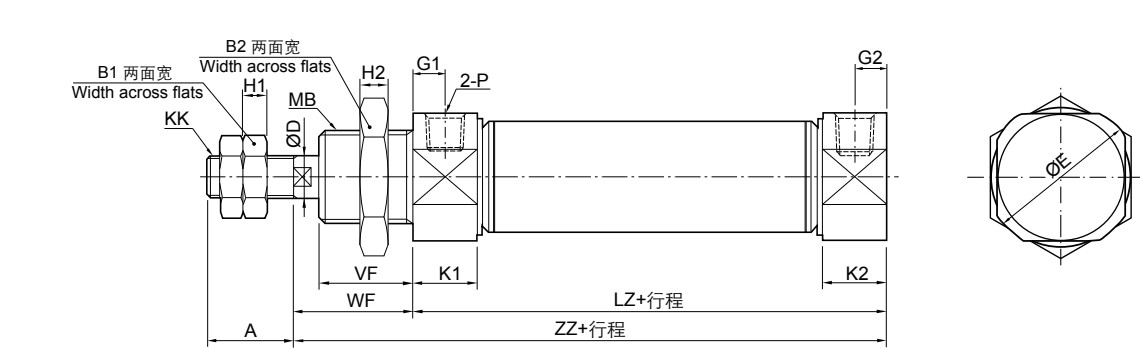
ISO6432标准气缸(内置磁环)
ISO6432 Standard Air Cylinder (Built-in Magnet)
Series KC85

外形尺寸图 Dimensions (mm)

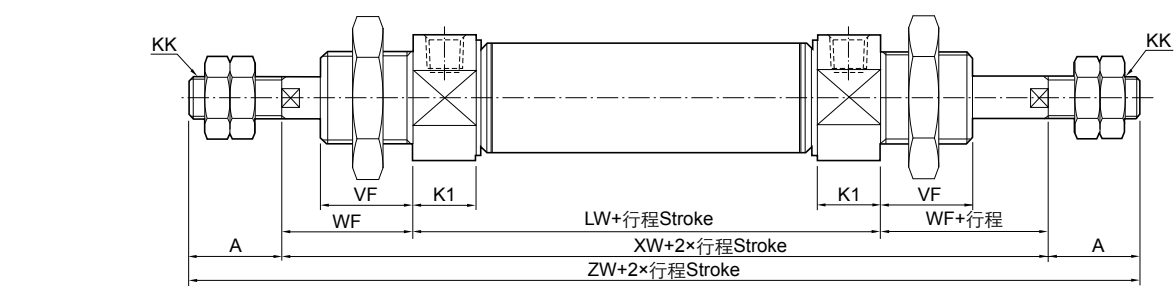
KC85SB



KC85SBZB



KC85SWB

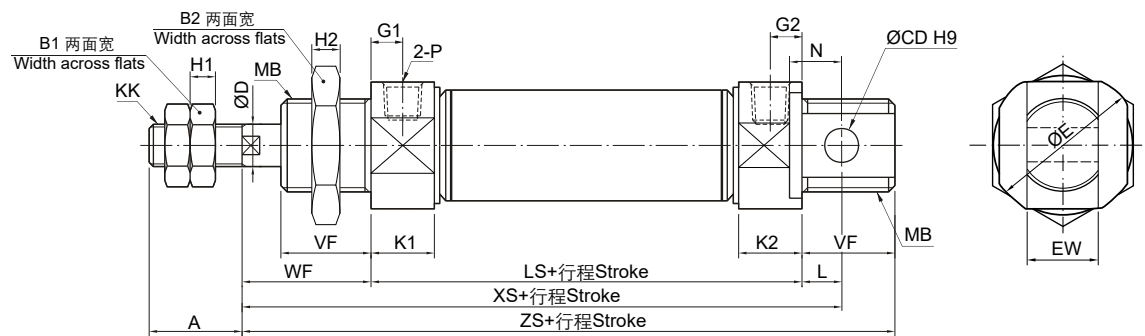


缸径 Bore size	A	B1	B2	CD	D	E	EW	G1	G2	H1	H2	K1	K2	KK	L	LB	LW	LZ	MB	N	P	VF	WF	XB	XW	ZB	ZW	ZZ
8	12	7	19	4	4	16.7	8 ^{+0.05} _{-0.4}	7	5	3.2	6	11.5	9.5	M4x0.7	2	46	48	46	M12x1.25	6	M5x0.8	12	16	64	80	74	104	62
10	12	7	19	4	4	16.7	8 ^{+0.05} _{-0.4}	7	5	3.2	6	11.5	9.5	M4x0.7	2	46	48	46	M12x1.25	6	M5x0.8	12	16	64	80	74	104	62
12	16	10	24	6	6	20	12 ^{+0.05} _{-0.4}	8	6	5	8	12.5	10.5	M6x1.0	3	50	52	50	M16x1.5	9	M5x0.8	17	22	75	96	89	128	72
16	16	10	24	6	6	20	12 ^{+0.05} _{-0.4}	8	6	5	8	12.5	10.5	M6x1.0	4	56	58	56	M16x1.5	9	M5x0.8	17	22	82	102	95	134	78
20	20	13	30	8	8	28	16 ^{+0.05} _{-0.4}	8	8	5	6	14.5	14.5	M8x1.25	9	62	62	62	M22x1.5	12	G1/8	20	24	95	110	106	150	86
25	22	17	30	8	10	33.5	16 ^{+0.05} _{-0.4}	8	8	5	6	15	15	M10x1.25	11	65	65	65	M22x1.5	12	G1/8	22	28	104	121	115	165	93

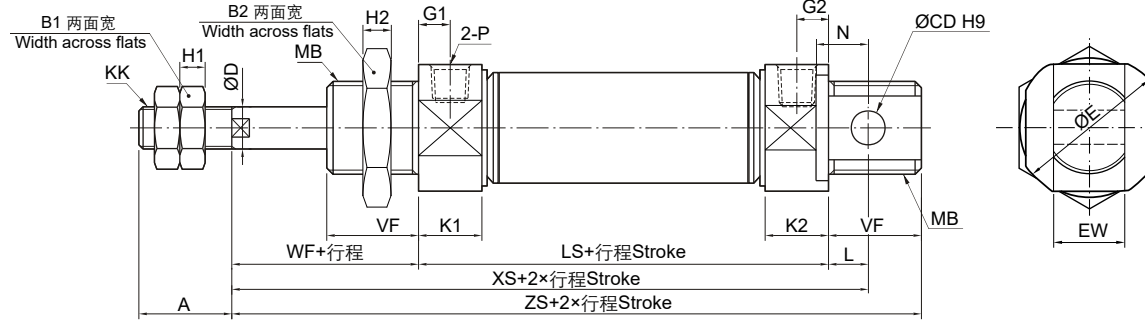
ISO6432标准气缸(内置磁环)
ISO6432 Standard Air Cylinder (Built-in Magnet)
Series KC85

外形尺寸图 Dimensions (mm)

KC85SB-S

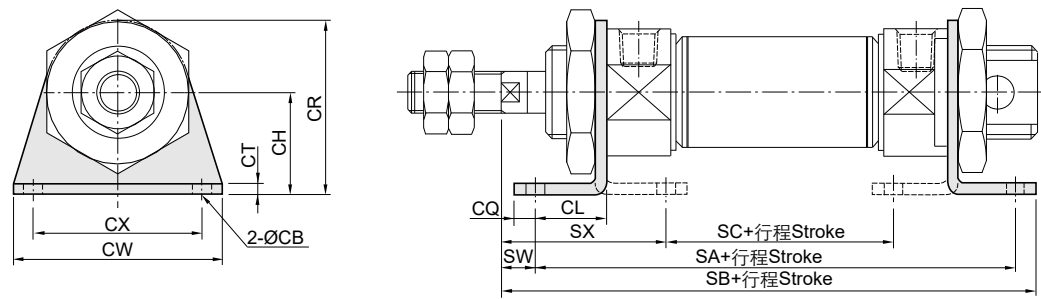


KC85SB-T



缸径 Bore size	A	B1	B2	CD	D	E	EW	G1	G2	H1	H2	K1	K2	KK	L	MB	N	P	VF	WF	1~50			51~100			101~150		
																					LS	XS	ZS	LS	XS	ZS	LS	XS	ZS
16	16	10	24	6	6	20	12 ^{-0.05} _{-0.4}	8	6	5	8	12.5	10.5	M6x1.0	4	M16x1.5	9	M5x0.8	17	22	81	107	120	106	132	145	-	-	-
20	20	13	30	8	8	28	16 ^{-0.05} _{-0.4}	8	8	5	6	14.5	14.5	M8x1.25	9	M22x1.5	12	G1/8	20	24	87	120	131	112	145	156	137	170	181
25	22	17	30	8	10	33.5	16 ^{-0.05} _{-0.4}	8	8	5	6	15	15	M10x1.25	11	M22x1.5	12	G1/8	22	28	90	129	140	115	154	165	140	179	190

KC85SL



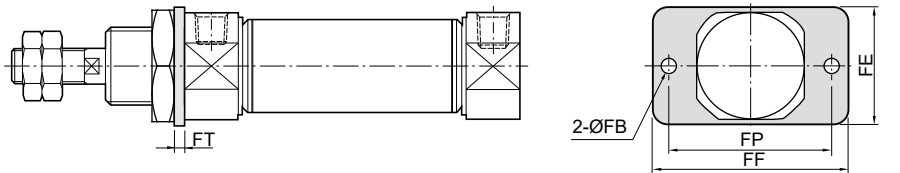
零件号 Part No.	缸径 Bore size	CB	CH	CL	CQ	CR	CT	CW	CX	SA	SB	SC	SW	SX
FC85-L10	8, 10	4.5	16	11	5	26	3	35	25	68	78	30	5	24
FC85-L12	12	5.5	20	14	6	33	4	42	32	78	92	30	8	32
FC85-L16	16	5.5	20	14	6	33	4	42	32	84	98	36	8	32
FC85-L25	20	6.6	25	17	8	42	5	54	40	96	111	38	7	36
FC85-L25	25	6.6	25	17	8	42	5	54	40	99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

* 未标注尺寸与基本型相同。The unmentioned dimensions are same as the Basic type.

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)

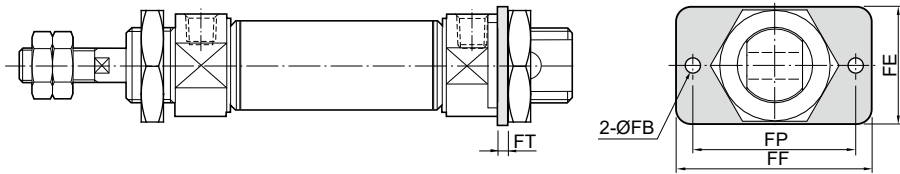
KC85SF



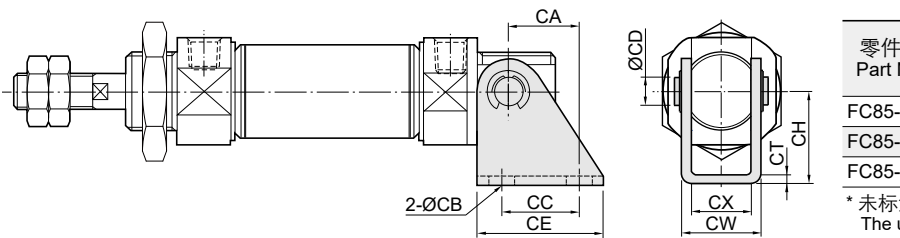
零件号 Part No.	缸径 Bore size	FB	FE	FF	FP	FT
FC85-F10	8, 10	4.5	22	40	30	3
FC85-F16	12, 16	5.5	30	52	40	4
FC85-F25	20, 25	6.6	40	66	50	5

* 未标注尺寸与基本型相同。The unmentioned dimensions are same as the Basic type.

KC85SG



KC85SC

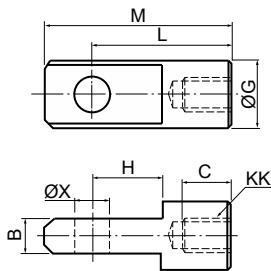


零件号 Part No.	缸径 Bore size	CACB	CC	CD	CE	CH	CT	CW	CX	
FC85-C10	8, 10	11	4.5	12.5	4	20	24	2.5	13.1	8.1
FC85-C16	12, 16	13	5.5	15	6	25	27	3	18.1	12.1
FC85-C25	20, 25	16	6.6	20	8	32	30	4	24.1	16.1

* 未标注尺寸与基本型相同。
The unmentioned dimensions are same as the Basic type.

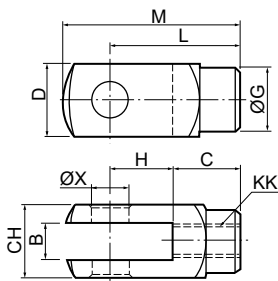
附件 Accessories

I型单肘节接头 I type single kunckle joint



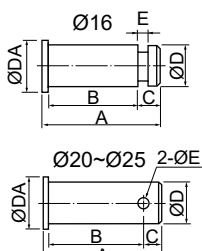
零件号 Part No.	缸径 Bore size	B	C	G	H	KK	L	M	X
FC85-I16	16	6 ^{+0.2} _{-0.3}	8	12	10	M6x1.0	21	31	6 ^{+0.03} ₀
FC85-I20	20	8 ^{+0.1} _{-0.2}	14	16	12	M8x1.25	32	42	8 ^{+0.036} ₀
FC85-I25	25	10 ^{+0.1} _{-0.2}	17	20	15	M10x1.25	40	52	10 ^{+0.036} ₀

Y型双肘节接头 Y type double kunckle joint



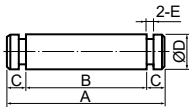
零件号 Part No.	缸径 Bore size	B	C	CH	D	G	H	KK	L	M	X
FC85-Y16	16	6 ^{+0.4} _{-0.1}	12	12	12	12	12	M6x1.0	24	31	6 ^{+0.03} ₀
FC85-Y20	20	8 ^{+0.5} _{-0.15}	16	16	16	14	16	M8x1.25	32	42	8 ^{+0.036} ₀
FC85-Y25	25	10 ^{+0.5} _{-0.15}	20	19	19	18	20	M10x1.25	40	52	10 ^{+0.036} ₀

销子 Pin



适用Y型双肘节接头 Applicable for Y type double knuckle joint

零件号 Part No.	缸径 Bore size	A	B	C	D	DA	E	扣环 / 开口销 Snap ring/ Cotter pin
FKJ6D	16	18.5	15	2	6 ^{-0.03} _{-0.06}	10	0.7	E4 扣环 Snap ring
FKJ8D	20	24.5	20.5	2.5	8 ^{-0.04} _{-0.08}	12	2.5	2.5*16 开口销 Cotter pin
FKJ10D	25	30	25	3.5	10 ^{-0.04} _{-0.08}	14	3.2	3.2*20 开口销 Cotter pin



适用U型钩座 Applicable for clevis bracket

零件号 Part No.	缸径 Bore size	A	B	C	D	E	扣环 Snap ring
FC8DP-10A	8, 10	18	14	2	4 ^{-0.03} _{-0.06}	0.7	E3.2
FC8DP-16A	12, 16	23.5	19.5	2	6 ^{-0.03} _{-0.06}	0.7	E5
FC8DP-25A	20, 25	30	25	2.5	8 ^{-0.04} _{-0.08}	0.9	E7