

规格 Specifications

缸径 Bore size (mm)	40	50	63	80	100
接管口径 Port size Rc(PT)	1/4	3/8		1/2	
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℃ (未冻结 No freezing)				
活塞速度 Piston speed	50~700 mm/s				
缓冲 Cushion	气缓冲 Air cushion				
行程公差 Stroke tolerance (mm)	~250: $\begin{smallmatrix} +1.0 \\ 0 \end{smallmatrix}$		251~800: $\begin{smallmatrix} +1.4 \\ 0 \end{smallmatrix}$		
* 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)	最长行程 Max. stroke (mm)	磁性开关 Auto switch	开关固定夹 Switch clamp
40	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500	1900	D-A54K	PM8
50, 63	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600	2200		
80, 100	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800	1900		PM12

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

型号表示方法 How to Order

KC D A1 W B 50 - 150 Y - A54K S

磁环 Magnet

-	无 None
D	内置磁环 Built-in magnet

活塞杆形式 Rod type

-	单活塞杆 Single rod
W	双活塞杆 Double rod

安装形式 Mounting

B	基本型 Basic
L	脚座 Foot
F	前法兰 Front flange
G	后法兰 Rear flange
C	单 U 型钩 Single clevis
D	双 U 型钩 Double clevis
T	中央轴耳 Center trunnion

行程 Stroke (mm)

缸径 Bore size (mm)

缓冲 Cushion

-	两侧缓冲 Air cushion at both sides
N	无缓冲 Without air cushion
H	后侧缓冲 Air cushion at head side
R	杆侧缓冲 Air cushion at rod side

磁性开关数量 No. of auto switches

-	2
S	1
3	3

磁性开关 Auto switch

A54K	D-A54K	有接点型 Reed switch
A54KD	D-A54KD	两线式无接点 2-wire, solid state
A54KN	D-A54KN	NPN 无接点 NPN solid state output
A54KP	D-A54KP	PNP 无接点 PNP solid state output

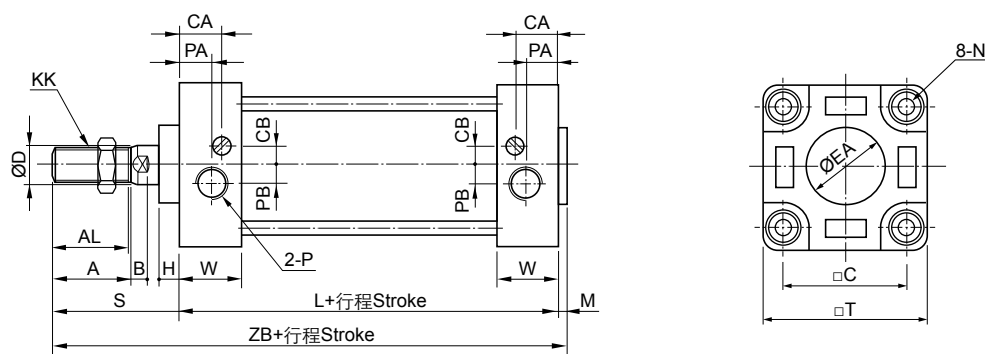
附件 Accessory

-	无 None
I	I 型单肘节接头 I type single knuckle joint
Y	Y 型双肘节接头 Y type double knuckle joint
J	尼龙伸缩防护套 Nylon tarpaulin rod boot (60°C)
K	耐高温伸缩防护套 Heat resistant tarpaulin rod boot (110°C)

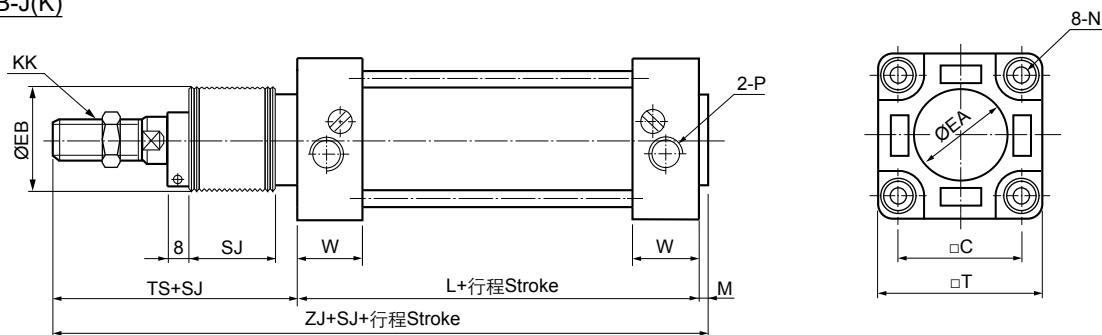
标准型气缸(中型)
Standard Air Cylinder (Medium Bore Size)
Series KCA1

外形尺寸图 Dimensions (mm)

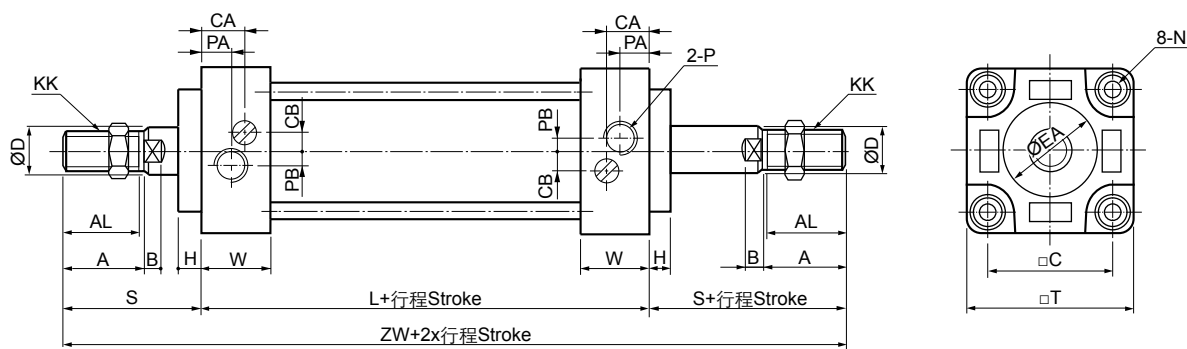
KC(D)A1B



KC(D)A1B-J(K)



KC(D)A1WB

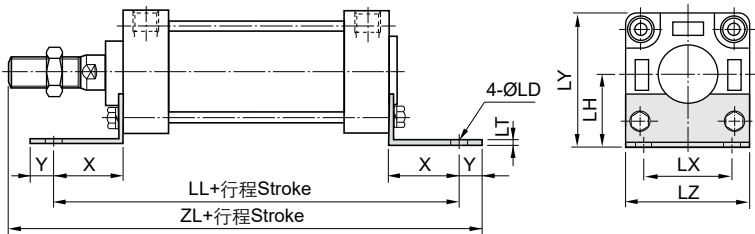


缸径 Bore size	行程 Stroke		A	AL	B	C	CA	CB	D	EA	EB	H	KK	L	M	N	P	PA	PB	S	SJ	T	TS	W	ZB	ZJ	ZW
	KC(D)A1B KC(D)A1WB	KC(D)A1B-J(K)																									
40	~500	20~500	30	27	6	44	17	8	16	32	43	10	M14x1.5	84.5	5.5	M8x1.25	1/4	14	7	51	1/4 行程 Stroke	60	59	27	141	149	186.5
50	~600	20~600	35	32	7	52	18.5	10	20	40	52	10	M18x1.5	90.5	5.5	M8x1.25	3/8	15.5	8	58		70	66	28	154	162	206.5
63	~600	20~600	35	32	7	64	19	10	20	40	52	10	M18x1.5	98.5	5.5	M8x1.25	3/8	16.5	11.5	58		83	66	29	162	170	214.5
80	~800	20~800	40	37	8	78	27	12	25	52	65	13	M22x1.5	116.8	5.5	M12x1.75	1/2	21.5	12	71		102	79	37	193.3	201.3	258.8
100	~800	20~800	40	37	8	92	30	12	30	52	65	12.5	M26x1.5	126.8	5.5	M12x1.75	1/2	24	12	72		116	80	40	204.3	212.3	270.8

标准型气缸(中型)
Standard Air Cylinder (Medium Bore Size)
Series KCA1

外形尺寸图 Dimensions (mm)

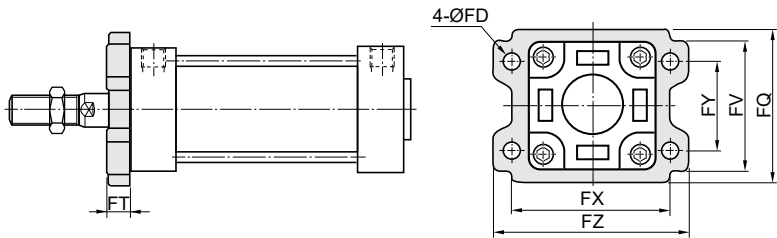
KC(D)A1L



零件号 Part No.	缸径 Bore size	行程 Stroke	LD	LH	LL	LT	LX	LY	LZ	X	Y	ZL
FCA1-L04	40	~500	9	40	138.5	3	42	70	60	27	13	175.5
FCA1-L05	50	~600	9	45	144.5	3	50	80	70	27	13	188.5
FCA1-L06	63	~600	11.5	50	166.5	3	59	91.5	83	34	16	206.5
FCA1-L08	80	~800	13.5	65	204.8	5	76	116	102	44	16	247.8
FCA1-L10	100	~800	13.5	75	212.8	5	92	133	116	43	17	258.8

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

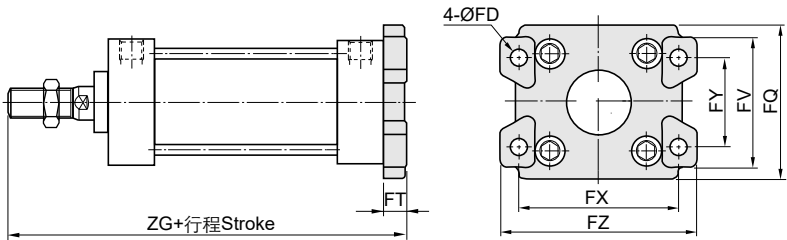
KC(D)A1F



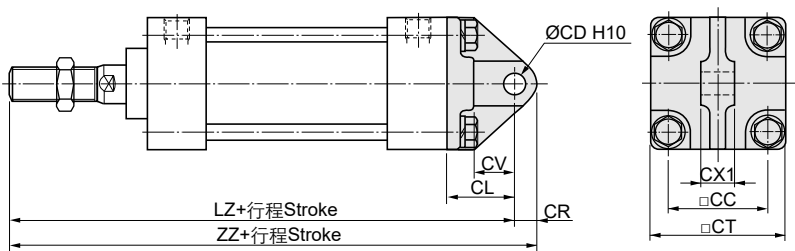
零件号 Part No.	缸径 Bore size	行程 Stroke	FD	FQ	FT	FV	FX	FY	FZ	ZG
FCA1-F04	40	~500	9	71	12	60	80	42	100	147.5
FCA1-F05	50	~600	9	81	12	70	90	50	110	160.5
FCA1-F06	63	~600	11.5	101	15	86	105	59	130	171.5
FCA1-F08	80	~800	13.5	119	18	102	130	76	160	205.8
FCA1-F10	100	~800	13.5	133	18	116	150	92	180	216.8

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KC(D)A1G

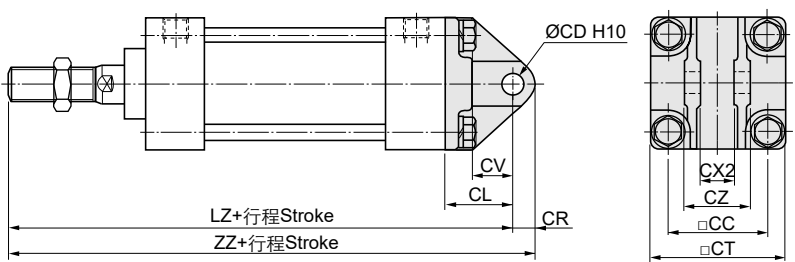


KC(D)A1C



零件号 Part No.	缸径 Bore size	行程 Stroke	CC	CD	CL	CR	CT	CV
KC(D)A1C KC(D)A1D								
FCA1-C04 FCA1-D04	40	~500	44	10 ^{+0.055} ₀	30	10	60	18
FCA1-C05 FCA1-D05	50	~600	52	12 ^{+0.07} ₀	35	12	70	23
FCA1-C06 FCA1-D06	63	~600	64	16 ^{+0.07} ₀	40	16	83	27
FCA1-C08 FCA1-D08	80	~800	78	20 ^{+0.085} ₀	48	20	102	34
FCA1-C10 FCA1-D10	100	~800	92	25 ^{+0.085} ₀	58	25	116	43

KC(D)A1D



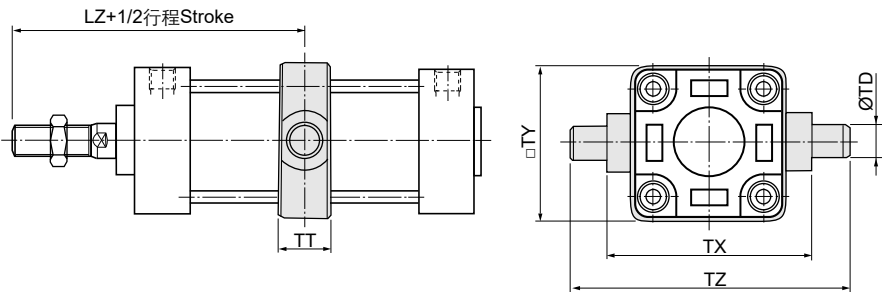
零件号 Part No.	缸径 Bore size	CX1	CX2	CZ	LZ	ZZ
KC(D)A1C KC(D)A1D						
FCA1-C04 FCA1-D04	40	15 ^{-0.1} _{-0.3}	15 ^{+0.3} _{+0.1}	29.5	165.5	175.5
FCA1-C05 FCA1-D05	50	18 ^{-0.1} _{-0.3}	18 ^{+0.3} _{+0.1}	38	183.5	195.5
FCA1-C06 FCA1-D06	63	25 ^{-0.1} _{-0.3}	25 ^{+0.3} _{+0.1}	49	196.5	212.5
FCA1-C08 FCA1-D08	80	31.5 ^{-0.1} _{-0.3}	31.5 ^{+0.3} _{+0.1}	61	235.8	255.8
FCA1-C10 FCA1-D10	100	35.5 ^{-0.1} _{-0.3}	35.5 ^{+0.3} _{+0.1}	64	256.8	281.8

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

标准型气缸(中型)
Standard Air Cylinder (Medium Bore Size)
Series **KCA1**

外形尺寸图 Dimensions (mm)

KC(D)A1T

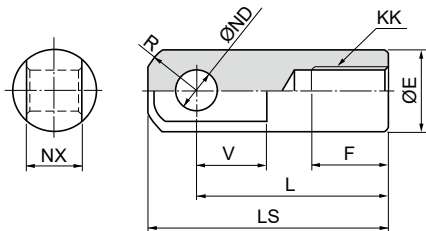


零件号 Part No.	缸径 Bore size	行程 Stroke	LZ	TD	TT	TX	TY	TZ
FCA1-T04	40	~500	93	15 ^{-0.032} _{-0.059}	22	85	62	117
FCA1-T05	50	~600	103	15 ^{-0.032} _{-0.059}	22	95	74	127
FCA1-T06	63	~600	107	18 ^{-0.032} _{-0.059}	28	110	90	148
FCA1-T08	80	~800	129	25 ^{-0.040} _{-0.073}	34	140	110	192
FCA1-T10	100	~800	135	25 ^{-0.040} _{-0.073}	40	162	130	214

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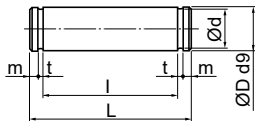
附件 Accessories

I型单肘节接头 I type single kunckle joint



零件号 Part No.	缸径 Bore size	E	F	KK	L	LS	ND	NX	R	V
FCA1-I04	40	24	22	M14x1.5	55	69	12 ^{+0.07} ₀	16 ^{-0.1} _{-0.3}	15.5	20
FCA1-I05	50, 63	28	27	M18x1.5	60	74	12 ^{+0.07} ₀	16 ^{-0.1} _{-0.3}	15.5	20
FCA1-I08	80	36	37	M22x1.5	71	91	18 ^{+0.07} ₀	28 ^{-0.1} _{-0.3}	22.5	26
FCA1-I10	100	40	37	M26x1.5	83	105	20 ^{+0.08} ₀	30 ^{-0.1} _{-0.3}	24.5	28

销子 Pin



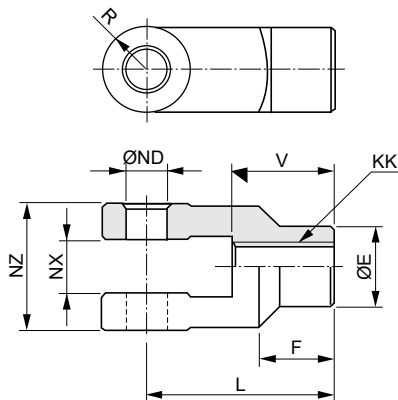
适用双U型钩 Applicable for double clevis

零件号 Part No.	缸径 Bore size	d	D	I	L	m	t
FCDP-2	40	9	10 ^{-0.04} _{-0.08}	29.8	35.8	1.9	1.15
FCDP-3	50	11	12 ^{-0.05} _{-0.09}	38.2	44.3	1.9	1.15
FCDP-4	63	14.5	16 ^{-0.05} _{-0.09}	49.2	55.3	1.9	1.15
FCDP-6	80	18.5	20 ^{-0.06} _{-0.12}	61.2	68.2	2.15	1.35
FCDP-7	100	23	25 ^{-0.06} _{-0.12}	64.2	71.2	2.15	1.35

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

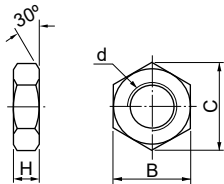
零件号 Part No.	缸径 Bore size	d	D	I	L	m	t
FCDP-3	40, 50, 63	11	12 ^{-0.05} _{-0.09}	38.2	44.3	1.9	1.15
FCDP-5	80	16.5	18 ^{-0.05} _{-0.09}	55.2	62.2	2.15	1.35
FCDP-6	100	18.5	20 ^{-0.06} _{-0.12}	61.2	68.2	2.15	1.35

Y型双肘节接头&销子 Y type double kunckle joint & pin



零件号 Part No.	缸径 Bore size	E	F	KK	L	ND	NX	NZ	R	V
FCA1-Y04	40	24	22	M14x1.5	55	12 ^{+0.07} ₀	16 ^{+0.3} _{+0.1}	38	13	30
FCA1-Y05	50, 63	28	24	M18x1.5	60	12 ^{+0.07} ₀	16 ^{+0.3} _{+0.1}	38	15	33
FCA1-Y08	80	36	33	M22x1.5	71	18 ^{+0.07} ₀	28 ^{+0.3} _{+0.1}	55	19	43
FCA1-Y10	100	40	34	M26x1.5	83	20 ^{+0.08} ₀	30 ^{+0.3} _{+0.1}	61	21	45

杆端螺母 Rod end nut



零件号 Part No.	缸径 Bore size	B	C	d	H
FNT-04	40	22	25.4	M14x1.5	8
FNT-05	50, 63	27	31.2	M18x1.5	11
FNT-08	80	32	37	M22x1.5	13
FNT-10	100	41	47.3	M26x1.5	16