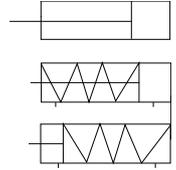


ARK 标准型气缸 (内置磁环)

Standard Air Cylinder (Built-in Magnet)

Series KCM2 (Ø20 ~ Ø40)



规格 Specifications

缸径	Bore(mm)	20	25	32	40
使用流体	Fluid	洁净空气 Clean Air			
动作形式	Action	双动, 单动(弹簧压回, 弹簧压出) Double Acting, Single Acting (Spring Return/Extend)			
保证耐压力	Proof Pressure (MPa)	1.5			
最高使用压力	Max. Pressure (MPa)	0.99			
最低使用压力	Min. Pressure (MPa)	0.05			
环境及流体温度	Ambient Temperature	-5~60°C (未冻结 No Freezing)			
活塞速度	Piston Speed	50~500mm/s			
缓冲	Cushion	橡胶缓冲(标准), 气缓冲(可选) Rubber bumper (Std.), Air cushion (Option)			
行程公差	Stroke Tolerance	+1.4 0			
*润滑	Lubrication	不需要 Not required			
接管口径	Port Size Rc(PT)	1/8"	1/8"	1/8"	1/4"

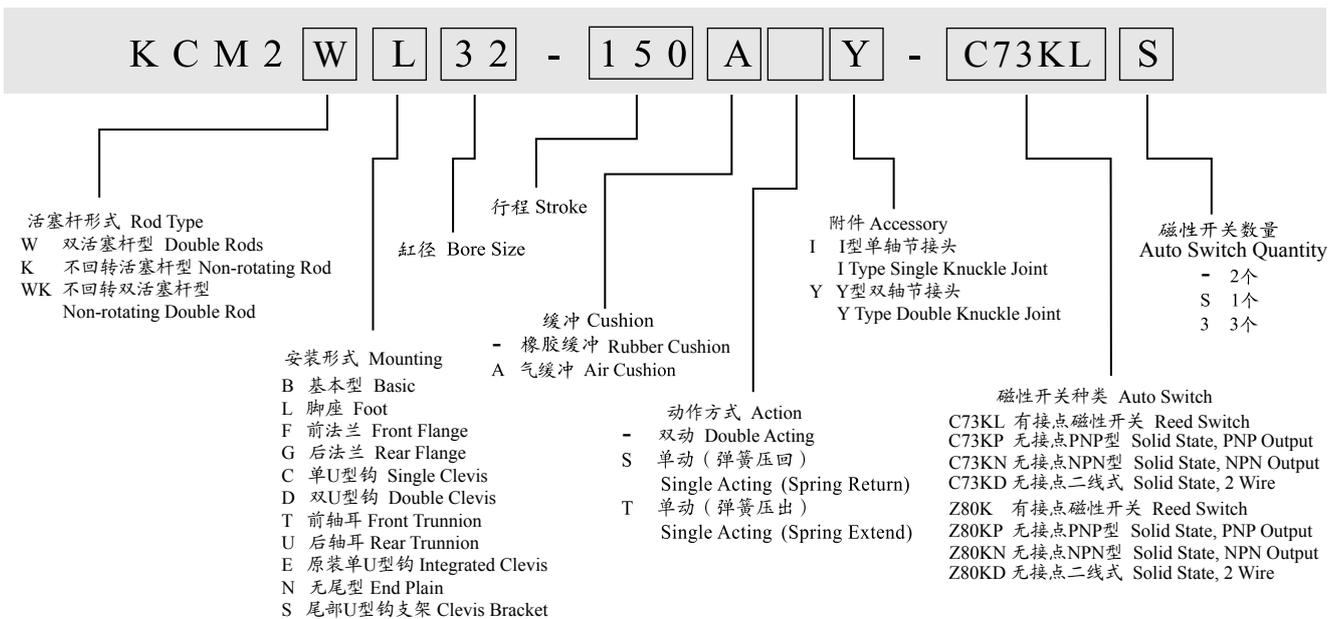
* 若需要润滑请用透平1号油 ISOVG32
Use Turbine Oil 1st-grade ISOVG32, if necessary.

行程/磁性开关选择 Standard Stroke/Auto Switch

缸径 Bore (mm)	标准行程 Standard Stroke (mm)	最大行程 Max. Stroke (mm)	环带安装型 Band Mounting
			磁性开关/固定钢带 Auto switch/ Band
20	25, 50, 75, 100,	900	D-C73K□ / PBK□ D-Z80K□ / PBC-S
25			
32	200, 250, 300		
40			

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

型号表示方法 How To Order



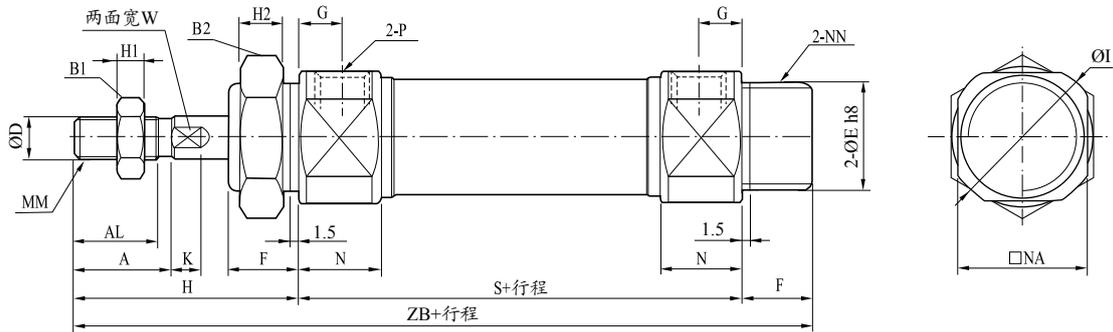
标准型气缸 (内置磁环) Standard Air Cylinder (Built-in Magnet)

Series KCM2

外形尺寸图 Dimensions (mm)

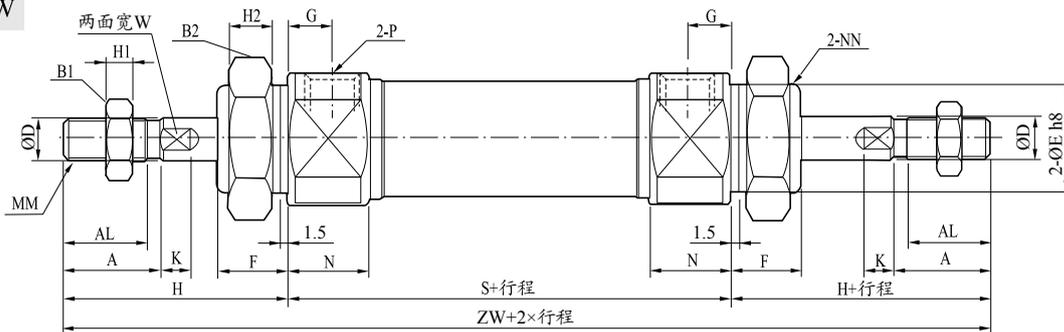
基本型 (Basic Type)

KCM2B

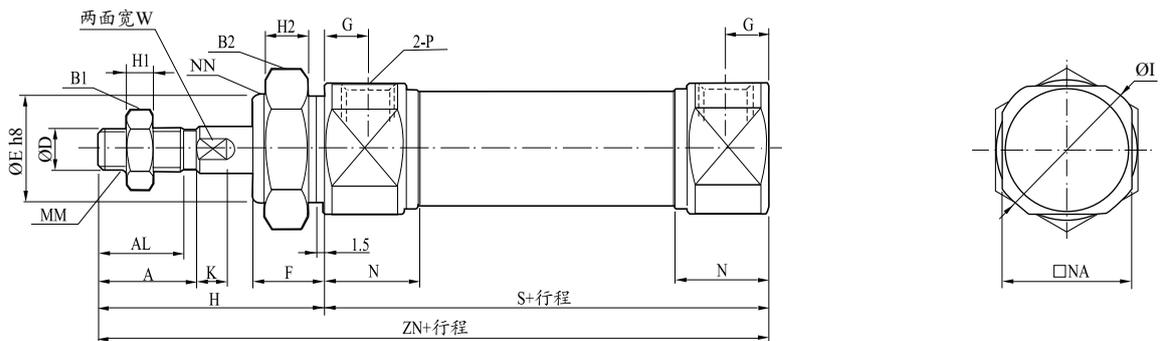


双活塞杆型 (Double Rod Type)

KCM2W



无尾型 End-Plain



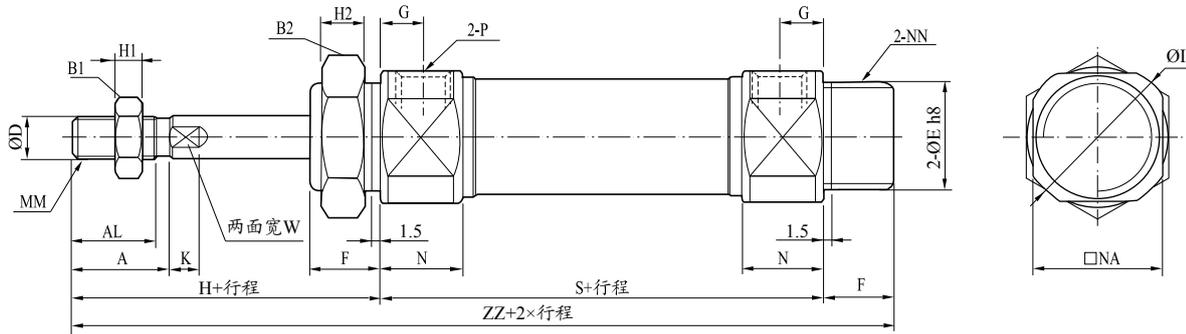
代号 缸径	A	AL	B1	B2	D	E	F	G	H	H1	H2	I	K	MM
20	18	15.5	13	26	8	20 ⁰ _{-0.03}	13	8	41	5	8	27.6	5	M8×1.25
25	22	19.5	17	32	10	26 ⁰ _{-0.03}	13	8	45	6	8	33	5.5	M10×1.25
32	22	19.5	17	32	12	26 ⁰ _{-0.03}	13	8	45	6	8	36.8	5.5	M10×1.25
40	24	21.0	22	41	14	32 ⁰ _{-0.04}	16	11	50	8	10	45.8	7	M14×1.5

代号 缸径	N	NA	NN	P	S	W	ZB	ZN	ZW
20	14.5	24	M20×1.5	1/8"	62	6	116	103	144
25	14.5	30	M26×1.5	1/8"	62	8	120	107	152
32	14.5	34.5	M26×1.5	1/8"	64	10	122	109	154
40	21	42.5	M32×2.0	1/4"	88	12	154	138	188

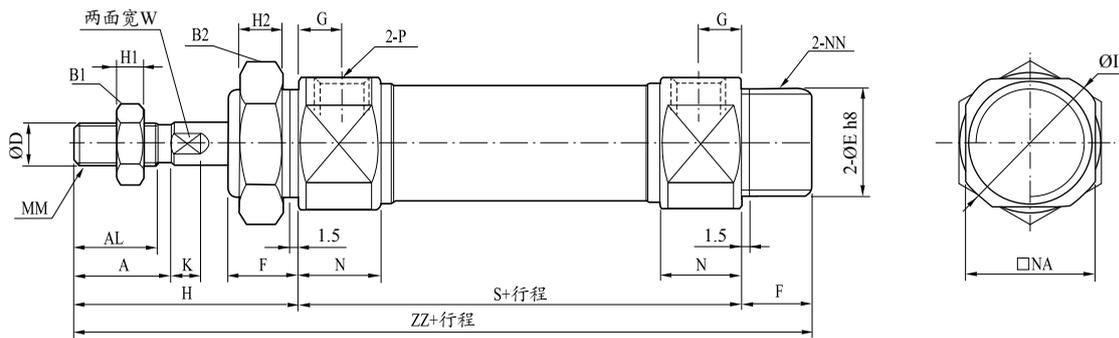
标准型气缸 (内置磁环) Standard Air Cylinder (Built-in Magnet) Series KCM2

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	AL	B1	B2	D	E	F	G	H	H1	H2	I	K	MM	N	NA	NN	P	W
20	18	15.5	13	26	8	20 ⁰ _{-0.03}	13	8	41	5	8	27.6	5	M8×1.25	14.5	24	M20×1.5	1/8"	6
25	22	19.5	17	32	10	26 ⁰ _{-0.03}	13	8	45	6	8	33	5.5	M10×1.25	14.5	30	M26×1.5	1/8"	8
32	22	19.5	17	32	12	26 ⁰ _{-0.03}	13	8	45	6	8	36.8	5.5	M10×1.25	14.5	34.5	M26×1.5	1/8"	10
40	24	21	22	41	14	32 ⁰ _{-0.04}	16	11	50	8	10	45.8	7	M14×1.5	21	42.5	M32×2.0	1/4"	12

代号 行程 缸径	S			ZZ		
	1~50	51~100	101~150	1~50	51~100	101~150
20	87	112	137	141	166	191
25	87	112	137	145	170	195
32	89	114	139	147	172	197
40	113	138	163	179	204	229

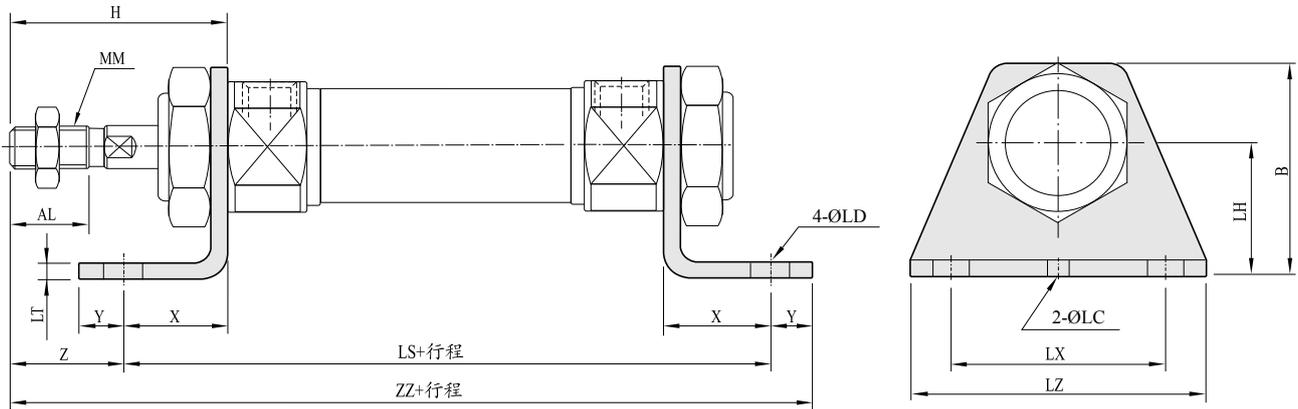
标准型气缸 (内置磁环) Standard Air Cylinder (Built-in Magnet)

Series KCM2

外形尺寸图 Dimensions (mm)

脚座型 (Foot Type)

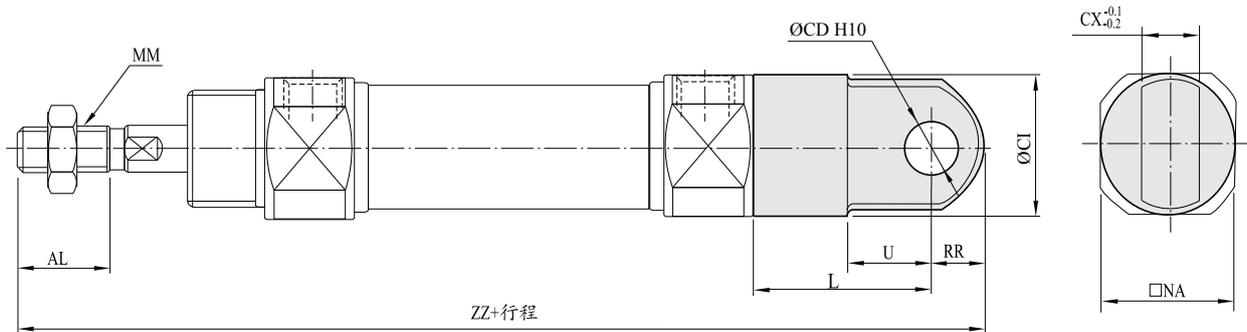
KCM2L



零件号	代号 缸径	AL	B	H	LC	LD	LH	LS	LT	LX	LZ	MM	X	Y	Z	ZZ
FCM-L020B	20	15.5	40	41	4	6.8	25	102	3.2	40	55	M8×1.25	20	8	21	131
FCM-L032B	25	19.5	47	45	4	6.8	28	102	3.2	40	55	M10×1.25	20	8	25	135
FCM-L032B	32	19.5	47	45	4	6.8	28	104	3.2	40	55	M10×1.25	20	8	25	137
FCM-L040B	40	21	54	50	4	7	30	134	3.2	55	75	M14×1.5	23	10	27	171

单U型钩 (Single Clevis Type)

KCM2C



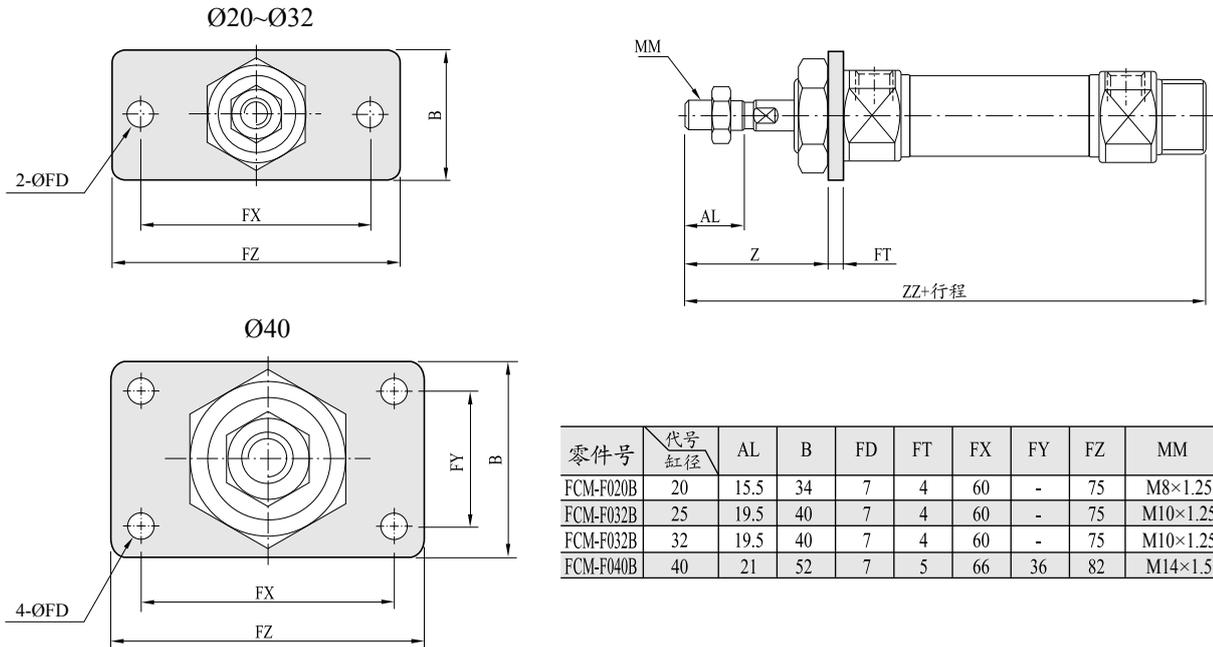
零件号	代号 缸径	AL	CD	CX	MM	NA	RR	U	ZZ	L	CI
FCM-C020B	20	15.5	9	10	M8×1.25	24	9	14	142	30	24
FCM-C032B	25	19.5	9	10	M10×1.25	30	9	14	146	30	30
FCM-C032B	32	19.5	9	10	M10×1.25	34.5	9	14	148	30	30
FCM-C040B	40	21	10	15	M14×1.5	42.5	11	18	188	39	38

标准型气缸 (内置磁环) Standard Air Cylinder (Built-in Magnet) Series KCM2

外形尺寸图 Dimensions (mm)

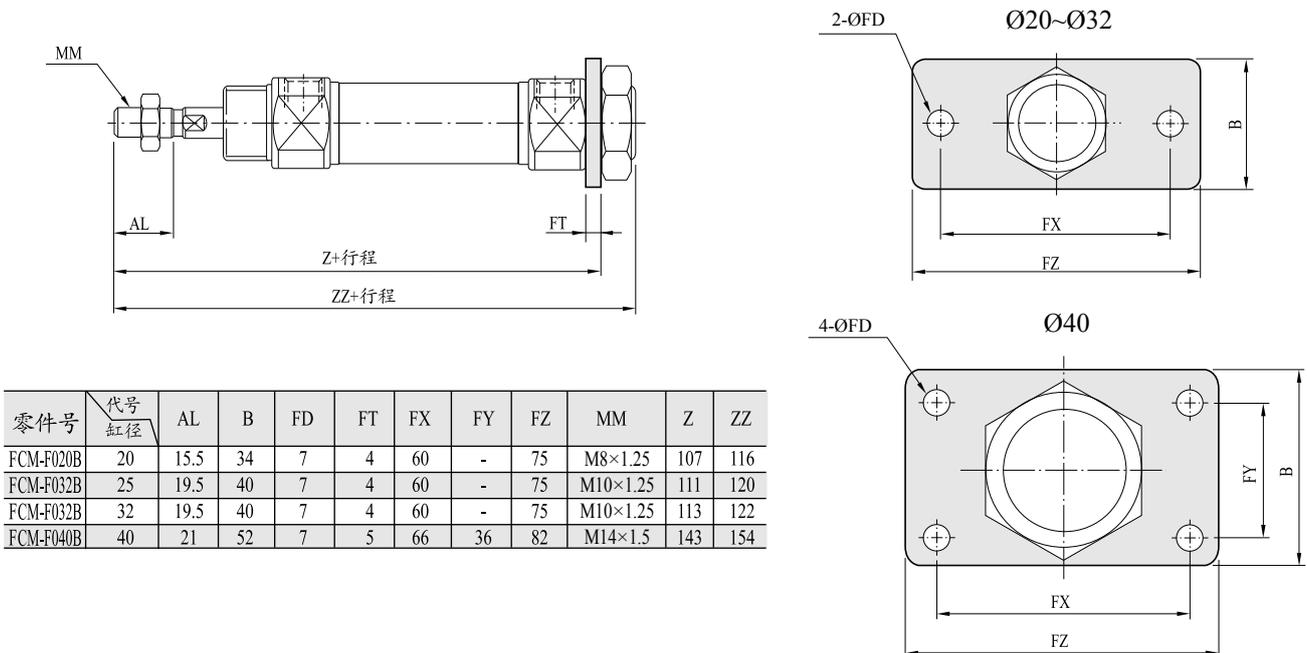
前法兰型 (Front Flange Type)

KCM2F



后法兰型 (Rear Flange Type)

KCM2G

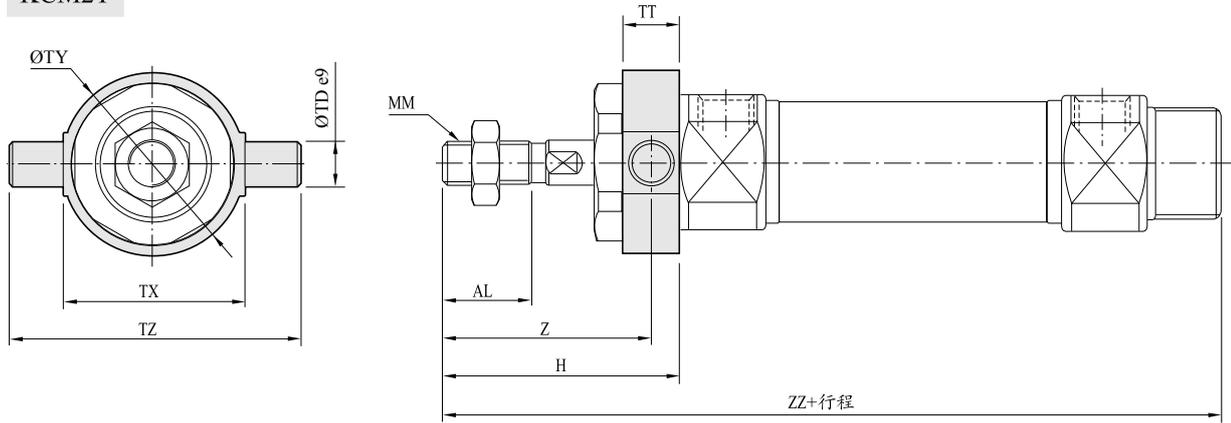


标准型气缸 (内置磁环) Standard Air Cylinder (Built-in Magnet) Series KCM2

外形尺寸图 Dimensions (mm)

前轴耳型 (Front Trunnion Type)

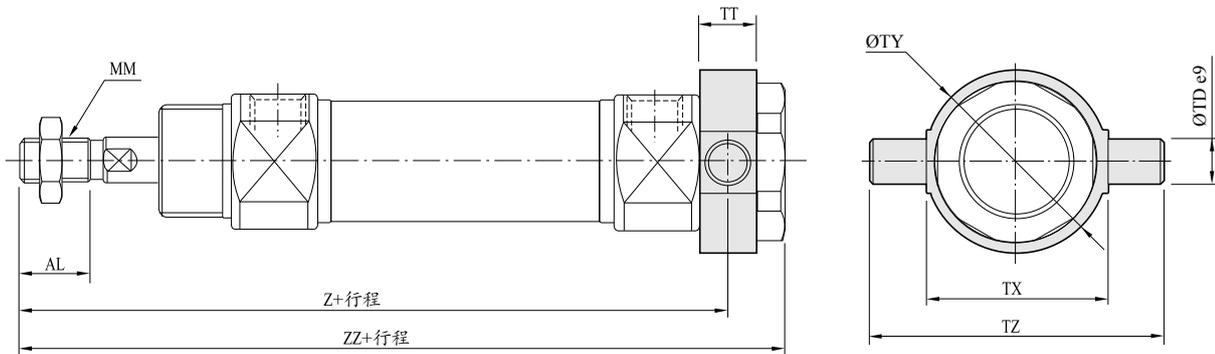
KCM2T



零件号	代号 缸径	AL	H	MM	TD	TT	TX	TY	TZ	Z	ZZ
FCM-T020B	20	15.5	41	M8×1.25	8	10	32	32.5	52	36	116
FCM-T032B	25	19.5	45	M10×1.25	9	10	40	40.5	60	40	120
FCM-T032B	32	19.5	45	M10×1.25	9	10	40	40.5	60	40	122
FCM-T040B	40	21	50	M14×1.5	10	11	53	53.5	77	44.5	154

后轴耳型 (Rear Trunnion Type)

KCM2U

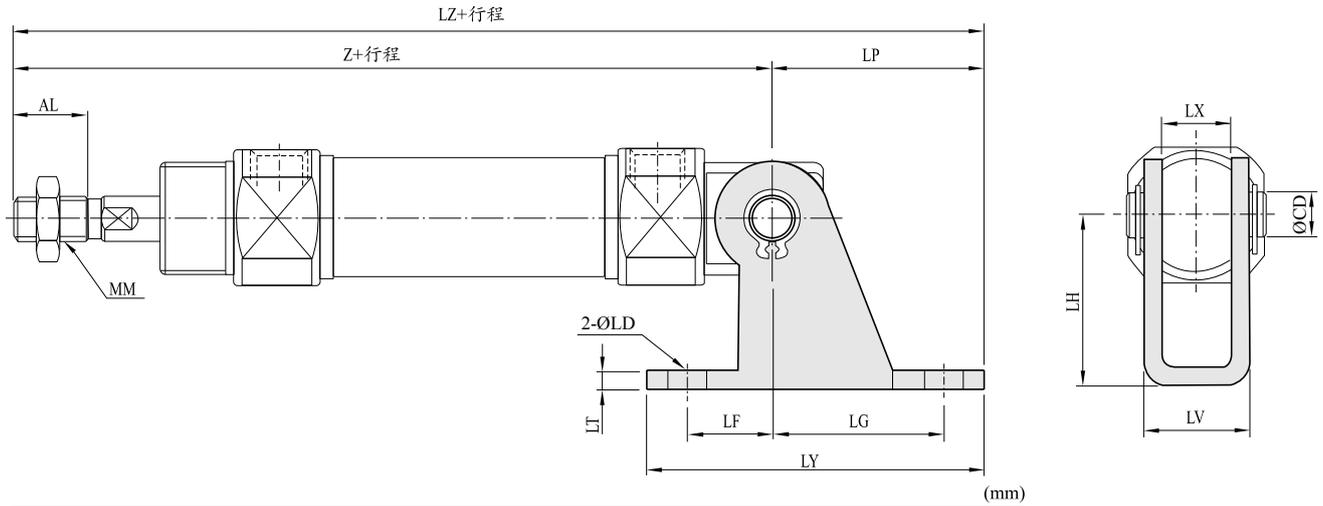


零件号	代号 缸径	AL	MM	TD	TT	TX	TY	TZ	Z	ZZ
FCM-T020B	20	15.5	M8×1.25	8	10	32	32.5	52	108	118
FCM-T032B	25	19.5	M10×1.25	9	10	40	40.5	60	112	122
FCM-T032B	32	19.5	M10×1.25	9	10	40	40.5	60	114	124
FCM-T040B	40	21	M14×1.50	10	11	53	53.5	77	143.5	154

标准型气缸 (内置磁环) Standard Air Cylinder (Built-in Magnet) Series KCM2

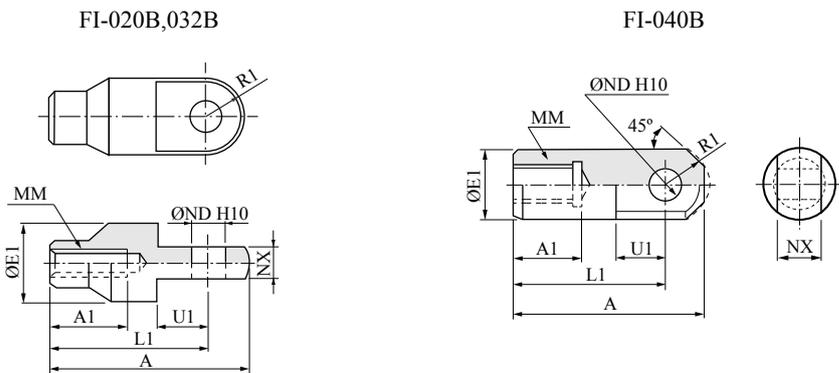
外形尺寸图 Dimensions (mm)

尾部U型支架 (Pivot Bracket Type)
KCM2S



零件号	代号 缸径	AL	CD	LD	LF	LG	LH	LP	LT	LV	LY	LZ	MM	Z	LX
FCM-E020B	20	15.5	8	6.8	15	30	30	37	3.2	18.4	59	152	M8×1.25	115	12
FCM-E025B	25	19.5	8	6.8	15	30	30	37	3.2	18.4	59	156	M10×1.25	119	12
FCM-E032B	32	19.5	10	9	15	40	40	50	4	28	75	174	M10×1.25	124	20
FCM-E040B	40	21	10	9	15	40	40	50	4	28	75	203	M14×1.5	153	20

I型单肘节接头 (I Type Single Knuckle Joint)



零件号	代号 缸径	A	A1	E1	L1	MM	ND	NX	R1	U1
FI-020B	20	46	16	20	36	M8×1.25	9 ^{+0.058} ₀	9 ^{-0.1} _{-0.2}	10	14
FI-032B	25,32	48	18	20	38	M10×1.25	9 ^{+0.058} ₀	9 ^{-0.1} _{-0.2}	10	14
FI-040B	40	69	22	24	55	M14×1.5	12 ^{+0.07} ₀	16 ^{-0.1} _{-0.3}	15.5	20

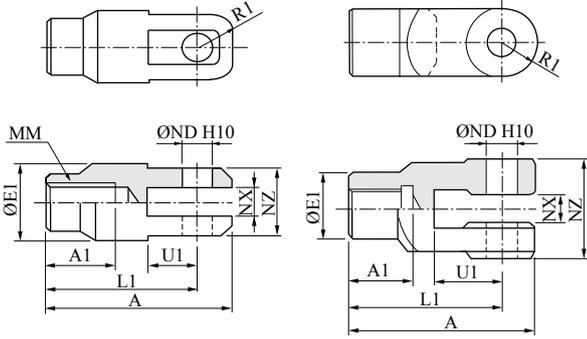
标准型气缸 (内置磁环) Standard Air Cylinder (Built-in Magnet) Series KCM2

外形尺寸图 Dimensions (mm)

Y型双肘节接头 (Y Type Double Knuckle Joint)

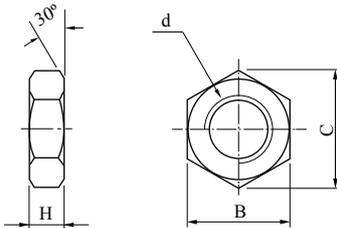
FY-020B,032B

FY-040B



零件号	代号 缸径	A	A1	E1	L1	MM	ND	NX	NZ	R1	U1
FY-020B	20	46	16	20	36	M8×1.25	9 ^{+0.058} ₀	9 ^{+0.2} _{+0.1}	18	12	14
FY-032B	25,32	48	18	20	38	M10×1.25	9 ^{+0.058} ₀	9 ^{+0.2} _{+0.1}	18	12	14
FY-040B	40	68	22	24	55	M14×1.5	12 ^{+0.07} ₀	16 ^{+0.3} _{+0.1}	38	13	25

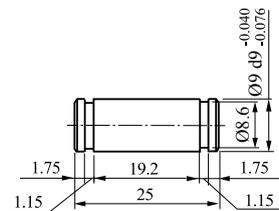
杆端螺母 (Rod End Nut)



零件号	代号 缸径	B	C	d	H
FNT-02	20	13	15	M8×1.25	5
FNT-03	25,32	17	19.6	M10×1.25	6
FNT-04	40	22	25.4	M14×1.5	8

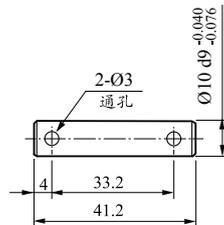
U型钩及肘节接头销子 (Clevis And Knuckle Joint Pin)

适用缸径
(Applicable Cylinder Bore)
Ø20, Ø25, Ø32
FCDP-1



U型钩销子 (Clevis Pin)

适用缸径
(Applicable Cylinder Bore)
Ø40
FCDP-2



肘节接头销子 (Knuckle Pin)

适用缸径
(Applicable Cylinder Bore)
Ø40
FCDP-3

