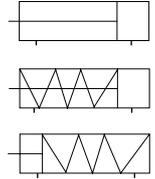


标准型气缸(内置磁环) Standard Air Cylinder (Built-in Magnet) Series **KCM2** (Ø20~Ø40)



规格 Specifications

缸径 Bore size (mm)	20	25	32	40
接管口径 Port size Rc(PT)	1/8			1/4
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)	0.05~1.0			
环境及流体温度 Ambient and fluid temperature	-5~60°C (未冻结 No freezing)			
活塞速度 Piston speed	50~500 mm/s			
缓冲 Cushion	橡胶缓冲 (标准) Rubber bumper (Standard) 气缓冲 (可选) Air cushion (Option)			
行程公差 Stroke tolerance (mm)	+1.4 0			
* 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)	磁性开关 / 固定钢带 Auto switch/ Band mounting
20, 25, 32, 40	25, 50, 75, 100, 125, 150, 200, 250, 300	D-M9BK/ PBC-S

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

型号表示方法 How to Order

KCM2 W B 25 - 50 A S Y

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
E	原装单 U 型钩 Integrated single clevis
U	前轴耳 Front trunnion
T	后轴耳 Rear trunnion
N	无尾型 End plain
S	尾部 U 型钩支架 Rear clevis bracket

行程 Stroke (mm)

缸径 Bore size (mm)

缓冲 Cushion

-	橡胶缓冲 Rubber bumper
A	气缓冲 Air cushion

动作形式 Action

-	双动 Double acting
S	单动 (弹簧压回) Single acting (Spring return)
T	单动 (弹簧压出) Single acting (Spring extend)

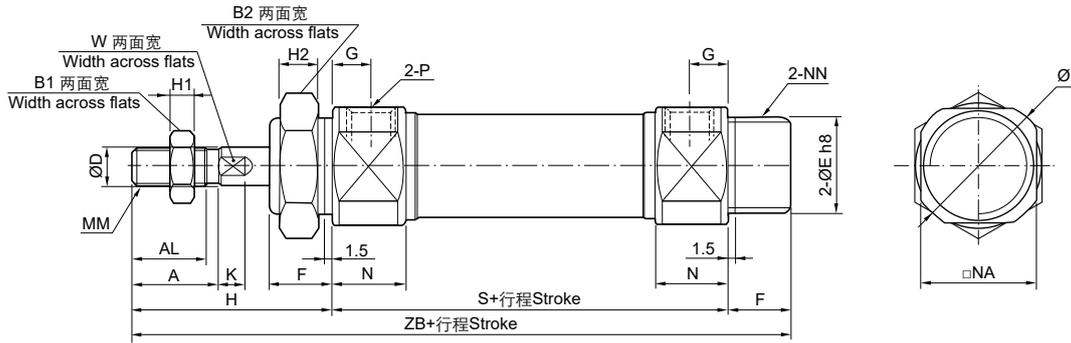
附件 Accessory

-	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

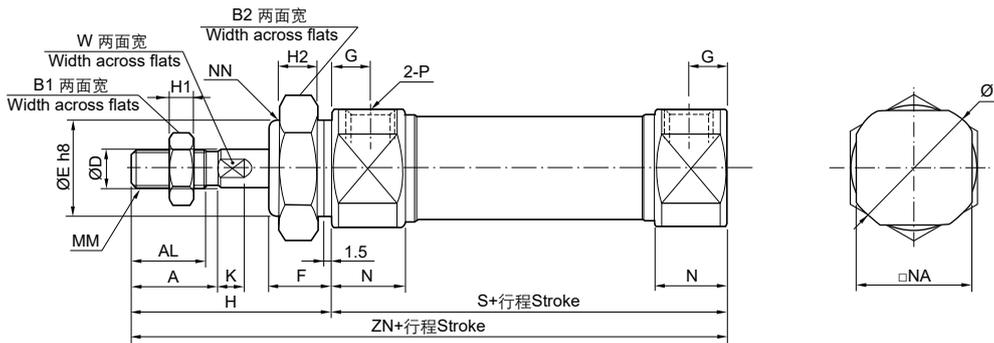
标准型气缸(内置磁环) Standard Air Cylinder (Built-in Magnet) Series **KCM2**

外形尺寸图 Dimensions (mm)

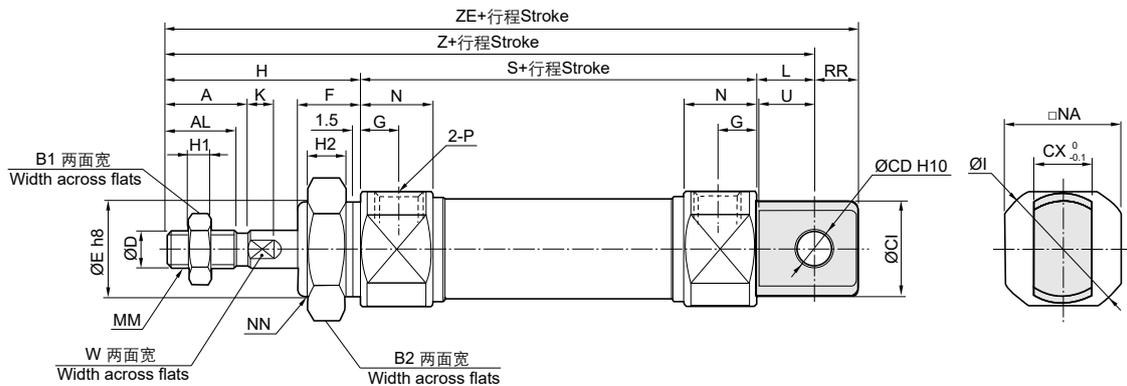
KCM2B



KCM2N



KCM2E

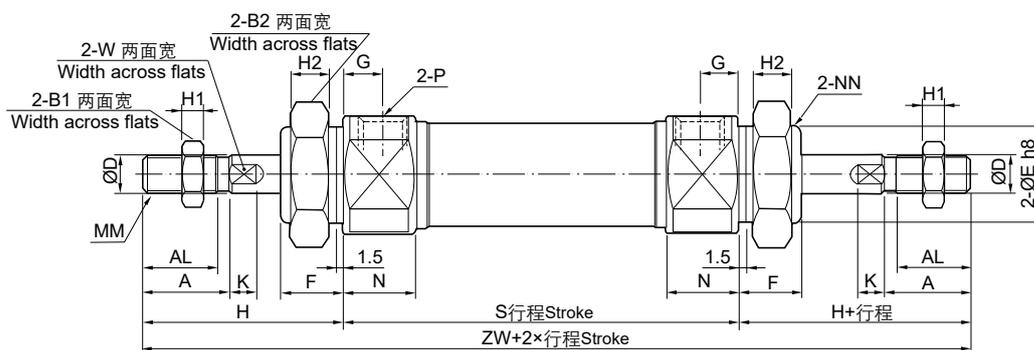


缸径 Bore size	A	AL	B1	B2	CD	CI	CX	D	E	F	G	H	H1	H2	I	K	L	MM	N	NA	NN	P	RR	S	U	W	Z	ZB	ZE	ZN
20	18	15.5	13	26	8	20	12	8	20 ⁰ _{-0.03}	13	8	41	5	8	27.6	5	12	M8x1.25	14.5	24	M20x1.5	1/8	9	62	11.5	6	115	116	124	103
25	22	19.5	17	32	8	22	12	10	26 ⁰ _{-0.03}	13	8	45	6	8	33	5.5	12	M10x1.25	14.5	30	M26x1.5	1/8	9	62	11.5	8	119	120	128	107
32	22	19.5	17	32	10	27	20	12	26 ⁰ _{-0.03}	13	8	45	6	8	36.8	5.5	15	M10x1.25	14.5	34.5	M26x1.5	1/8	12	64	14.5	10	124	122	136	109
40	24	21	22	41	10	33	20	14	32 ⁰ _{-0.04}	16	11	50	8	10	45.8	7	15	M14x1.5	21	42.5	M32x2.0	1/4	12	88	14.5	12	153	154	165	138

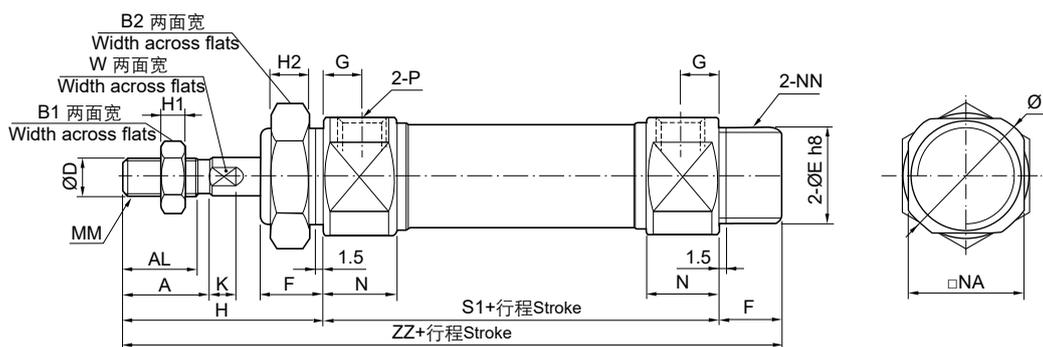
标准型气缸(内置磁环) Standard Air Cylinder (Built-in Magnet) Series **KCM2**

外形尺寸图 Dimensions (mm)

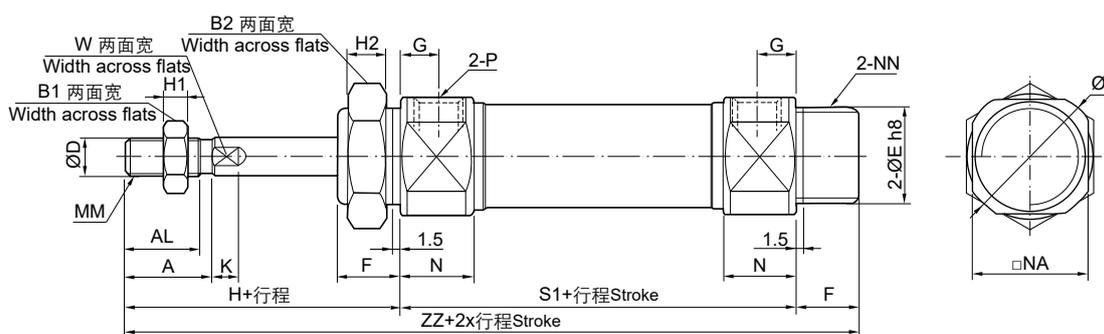
KCM2WB



KCM2B-S



KCM2B-T



缸径 Bore size	A	AL	B1	B2	D	E	F	G	H	H1	H2	I	K	MM	N	NA	NN	P	S	W	ZW
20	18	15.5	13	26	8	20 ⁰ _{-0.03}	13	8	41	5	8	27.6	5	M8x1.25	14.5	24	M20x1.5	1/8	62	6	144
25	22	19.5	17	32	10	26 ⁰ _{-0.03}	13	8	45	6	8	33	5.5	M10x1.25	14.5	30	M26x1.5	1/8	62	8	152
32	22	19.5	17	32	12	26 ⁰ _{-0.03}	13	8	45	6	8	36.8	5.5	M10x1.25	14.5	34.5	M26x1.5	1/8	64	10	154
40	24	21.0	22	41	14	32 ⁰ _{-0.04}	16	11	50	8	10	45.8	7	M14x1.5	21	42.5	M32x2.0	1/4	88	12	188

缸径 Bore size	行程 Stroke		1~50		51~100		101~150	
	S1	ZZ	S1	ZZ	S1	ZZ	S1	ZZ
20	87	141	112	166	137	191		
25	87	145	112	170	137	195		
32	89	147	114	172	139	197		
40	113	179	138	204	163	229		

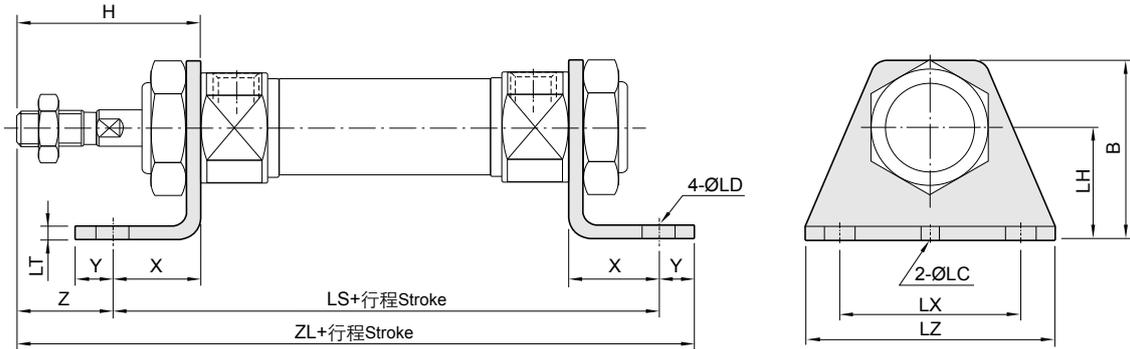
标准型气缸(内置磁环)

Standard Air Cylinder (Built-in Magnet)

Series **KCM2**

外形尺寸图 Dimensions (mm)

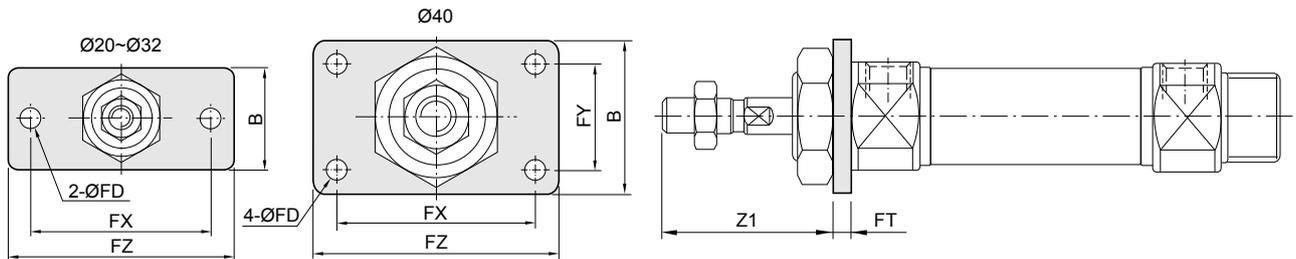
KCM2L



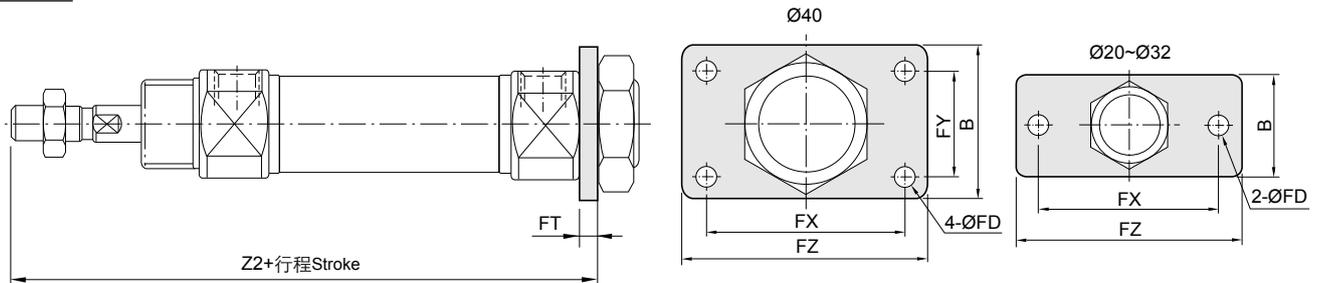
零件号 Part No.	缸径 Bore size	B	H	LC	LD	LH	LS	LT	LX	LZ	X	Y	Z	ZL
FCM-L020B	20	40	41	4	6.8	25	102	3.2	40	55	20	8	21	131
FCM-L032B	25	47	45	4	6.8	28	102	3.2	40	55	20	8	25	135
FCM-L032B	32	47	45	4	6.8	28	104	3.2	40	55	20	8	25	137
FCM-L040B	40	54	50	4	7	30	134	3.2	55	75	23	10	27	171

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

KCM2F



KCM2G



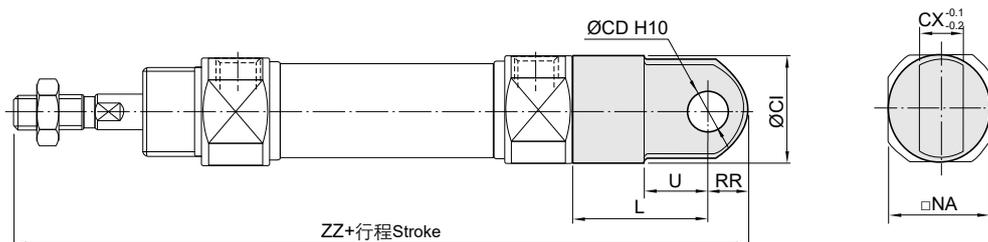
零件号 Part No.	缸径 Bore size	B	FD	FT	FX	FY	FZ	Z1	Z2
FCM-F020B	20	34	7	4	60	-	75	37	107
FCM-F032B	25	40	7	4	60	-	75	41	111
FCM-F032B	32	40	7	4	60	-	75	41	113
FCM-F040B	40	52	7	5	66	36	82	45	143

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

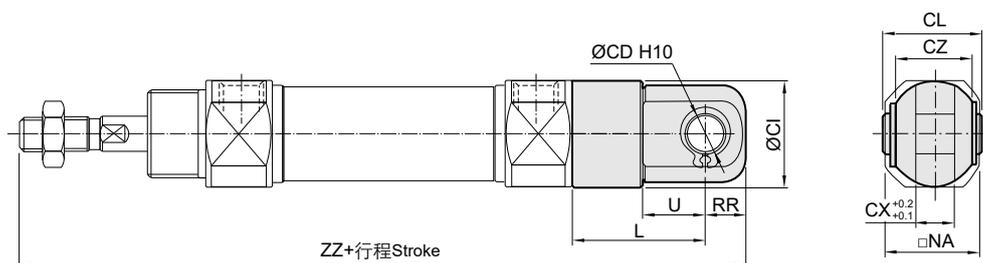
标准型气缸(内置磁环) Standard Air Cylinder (Built-in Magnet) Series **KCM2**

外形尺寸图 Dimensions (mm)

KCM2C



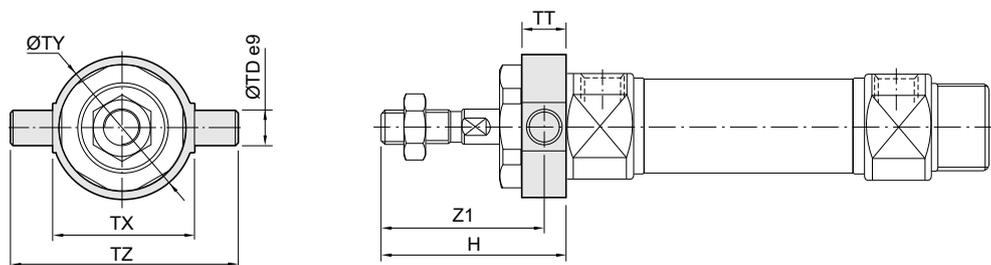
KCM2D



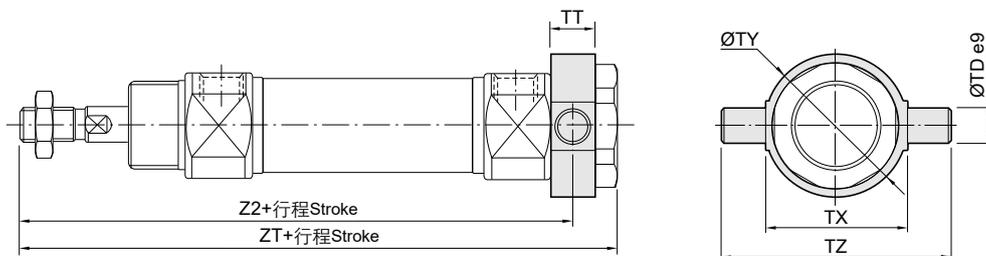
零件号 Part No.		缸径 Bore size	CD	CI	CL	CX	CZ	L	NA	RR	U	ZZ
单 U 型钩 Single clevis	双 U 型钩 Double clevis											
FCM-C020B	FCM-D020B	20	9	24	25	10	19	30	24	9	14	142
FCM-C032B	FCM-D032B	25	9	30	25	10	19	30	30	9	14	146
FCM-C032B	FCM-D032B	32	9	30	25	10	19	30	34.5	9	14	148
FCM-C040B	FCM-D040B	40	10	38	41.2	15	30	39	42.5	11	18	188

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

KCM2U



KCM2T



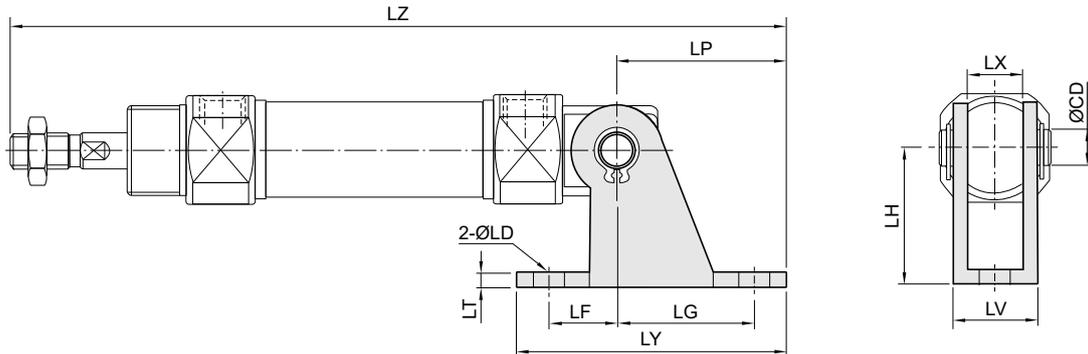
零件号 Part No.	缸径 Bore size	H	TD	TT	TX	TY	TZ	Z1	Z2	ZT
FCM-T020B	20	41	8	10	32	32.5	52	36	108	118
FCM-T032B	25	45	9	10	40	40.5	60	40	112	122
FCM-T032B	32	45	9	10	40	40.5	60	40	114	124
FCM-T040B	40	50	10	11	53	53.5	77	44.5	143.5	154

* 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(内置磁环) Standard Air Cylinder (Built-in Magnet) Series **KCM2**

外形尺寸图 Dimensions (mm)

KCM2S



零件号 Part No.	缸径 Bore size	CD	LD	LF	LG	LH	LP	LT	LV	LX	LY	LZ
FCM-E020B	20	8	6.8	15	30	30	37	3.2	18.4	12	59	152
FCM-E025B	25	8	6.8	15	30	30	37	3.2	18.4	12	59	156
FCM-E032B	32	10	9	15	40	40	50	4	28	20	75	174
FCM-E040B	40	10	9	15	40	40	50	4	28	20	75	203

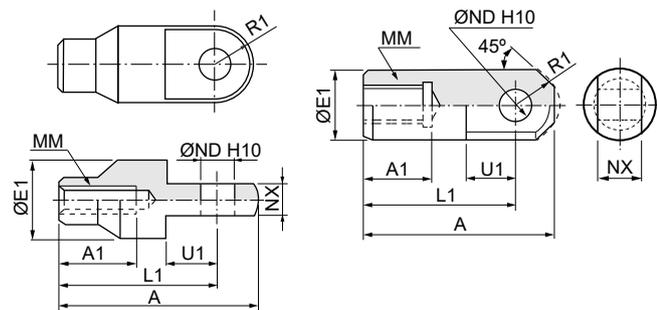
* 未标注尺寸与基本型相同。The unmentioned dimensions are same as the Basic type.

附件 Accessories

I型单肘节接头 I type single kunckle joint

Ø20, Ø25, Ø32

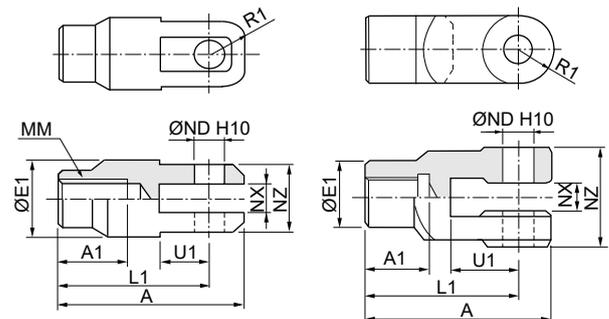
Ø40



Y型双肘节接头 Y type double kunckle joint

Ø20, Ø25, Ø32

Ø40



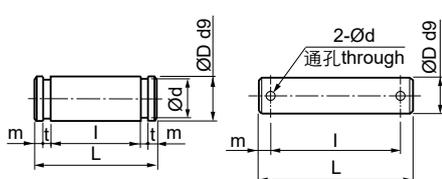
零件号 Part No.	缸径 Bore size	A	A1	E1	L1	MM	ND	NX	R1	U1
FI-020B	20	46	16	20	36	M8x1.25	9 ^{+0.058} ₀	9 ^{-0.1} _{-0.2}	10	14
FI-032B	25, 32	48	18	20	38	M10x1.25	9 ^{+0.058} ₀	9 ^{-0.1} _{-0.2}	10	14
FI-040B	40	69	22	24	55	M14x1.5	12 ^{+0.07} ₀	16 ^{-0.1} _{-0.3}	15.5	20

零件号 Part No.	缸径 Bore size	A	A1	E1	L1	MM	ND	NX	NZ	R1	U1
FY-020B	20	46	16	20	36	M8x1.25	9 ^{+0.058} ₀	9 ^{+0.2} _{+0.1}	18	12	14
FY-032B	25, 32	48	18	20	38	M10x1.25	9 ^{+0.058} ₀	9 ^{+0.2} _{+0.1}	18	12	14
FY-040B	40	68	22	24	55	M14x1.5	12 ^{+0.07} ₀	16 ^{+0.3} _{+0.1}	38	13	25

销子 Pin

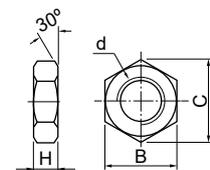
Ø20, Ø25, Ø32

Ø40



零件号 Part No.	缸径 Bore size	d	D	l	L	m	t	适用附件 Applied to
FCDP-1	20, 25, 32	8.6	9	19.2	25	1.75	1.15	FCM-D020(25, 32)B FY-020(25, 32)B
FCDP-2	40	3	10	33.2	41.2	4	-	FCM-D040B
FCDP-3	40	3	12	41.7	49.7	4	-	FY-040B

杆端螺母 Rod end nut



零件号 Part No.	缸径 Bore size	B	C	d	H
FNT-02	20	13	15	M8x1.25	5
FNT-03	25, 32	17	19.6	M10x1.25	6
FNT-04	40	22	25.4	M14x1.5	8