

## 标准型气缸(中型) Standard Air Cylinder (Medium Bore Size) Series KMB (Ø40~Ø100)



### 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°C (未冻结 No freezing)				
活塞速度 Piston speed	50~1000 mm/s				
缓冲 Cushion	气缓冲 Air cushion				
行程公差 Stroke tolerance (mm)	~250: $^{+1.0}_0$	251~1000: $^{+1.4}_0$		1001~1500: $^{+1.8}_0$	
* 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)	最长行程 Max. stroke (mm)	磁性开关 Auto switch	开关固定夹 Switch bracket
40	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500	1500	D-A54K	PI-1
50, 63	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600			PI-2
80	25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800			PI-3
100	300, 350, 400, 450, 500, 600, 700, 800			PI-4

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

### 型号表示方法 How to Order

3

KM D B 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

**行程 Stroke (mm)**

**缸径 Bore size (mm)**

**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
E	双 U 型钩接座 Double clevis bracket
S	中央轴耳接座 Center trunnion bracket

**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

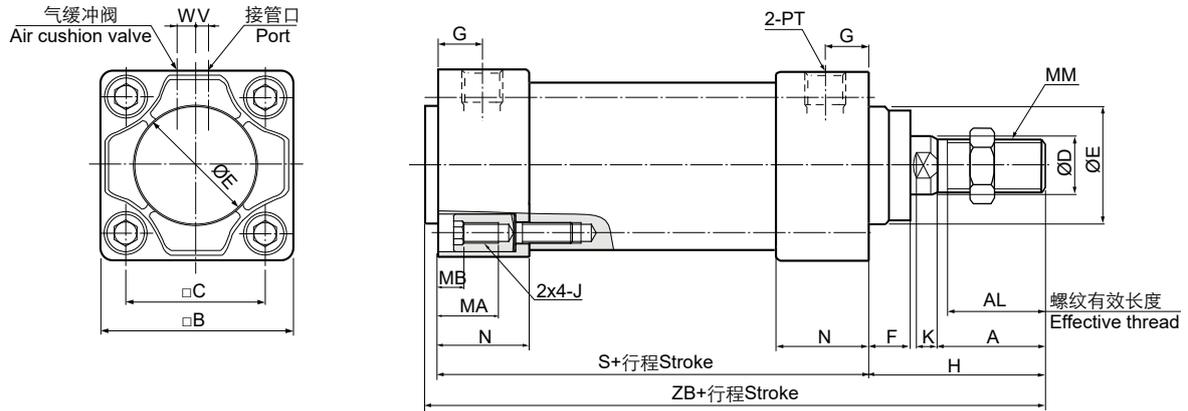
# 标准型气缸(中型)

## Standard Air Cylinder (Medium Bore Size)

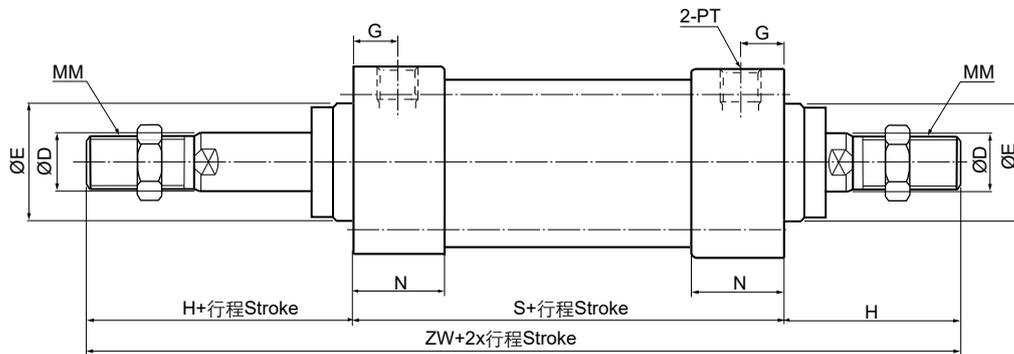
### Series **KMB**

外形尺寸图 Dimensions (mm)

#### KM(D)BB

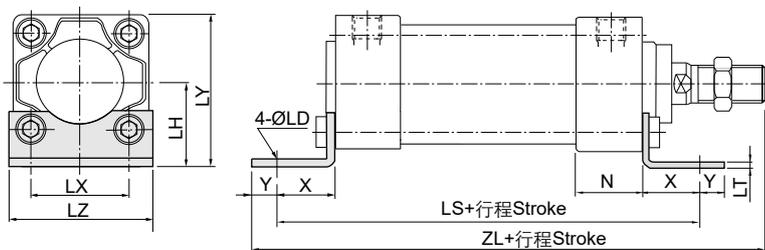


#### KM(D)BWB



缸径 Bore size	行程 Stroke	A	AL	B	C	D	E	F	G	H	J	K	MA	MB	MM	N	PT	S	V	W	ZB	ZW
40	~500	30	27	52	38	16	35	13	13.5	51	M6x1.0	6	13.7	3.7	M14x1.5	26.5	1/4	84.5	4	9	139.5	186.5
50	~600	35	32	65	46.5	20	40	13.5	15.5	57.5	M8x1.25	7	18.8	6.8	M18x1.5	31.5	1/4	94.5	5	10.5	156.5	209.5
63	~600	35	32	75	56.5	20	45	13.5	16.5	57.5	M8x1.25	7	18.8	6.8	M18x1.5	31.5	3/8	94.5	9	12	156.5	209.5
80	~800	40	37	95	72	25	45	20	19	73	M10x1.5	8	22	7	M22x1.5	38	3/8	114.8	11.5	14	190.8	260.8
100	~800	40	37	114	89	30	55	20	19	73	M10x1.5	8	22	7	M26x1.5	38	1/2	114.8	17	14	190.8	260.8

#### KM(D)BL



零件号 Part No.	缸径 Bore size	行程 Stroke	LD	LH	LS	LT	LX
FMB-L04	40	~500	9	33	132.5	3.2	38
FMB-L05	50	~600	9	40	148.5	3.2	46
FMB-L06	63	~600	12	45	148.5	3.6	56
FMB-L08	80	~800	12	55	174.8	4.5	72
FMB-L10	100	~800	14	65	178.8	4.5	89

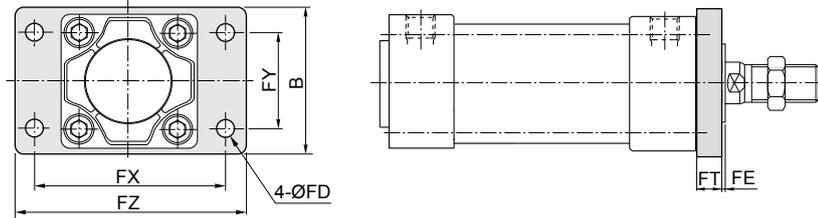
零件号 Part No.	缸径 Bore size	行程 Stroke	LY	LZ	X	Y	ZL
FMB-L04	40	~500	59	55	24	11	170.5
FMB-L05	50	~600	72.5	70	27	11	190
FMB-L06	63	~600	82.5	80	27	14	193
FMB-L08	80	~800	102.5	100	30	14	231.8
FMB-L10	100	~800	122	120	32	16	235.8

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

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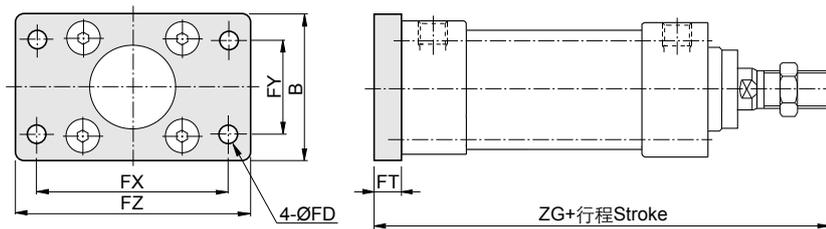
外形尺寸图 Dimensions (mm)

## KM(D)BF



零件号 Part No.	缸径 Bore size	行程 Stroke	B	FD	FE	FT
FMB-F04	40	~500	55	9	3	10
FMB-F05	50	~600	70	9	1.5	12
FMB-F06	63	~600	80	9	1.5	12
FMB-F08	80	~800	100	12	4	16
FMB-F10	100	~800	120	14	4	16

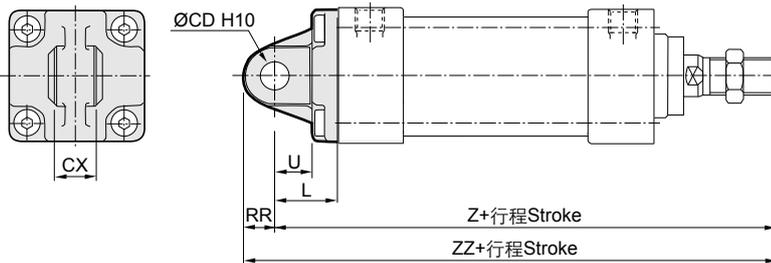
## KM(D)BG



零件号 Part No.	缸径 Bore size	行程 Stroke	FX	FY	FZ	ZG
FMB-F04	40	~500	72	36	90	145.5
FMB-F05	50	~600	90	45	110	164
FMB-F06	63	~600	100	50	120	164
FMB-F08	80	~800	126	63	153	203.8
FMB-F10	100	~800	150	75	178	203.8

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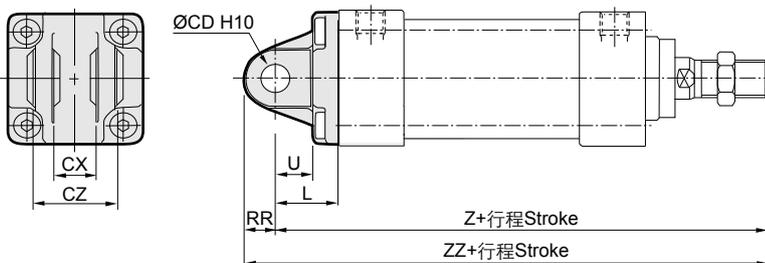
## KM(D)BC



零件号 Part No.	缸径 Bore size	行程 Stroke	CD	CX	L	RR	U	Z	ZZ
FMB-C04	40	~500	10	14	23	11	13	158.5	169.5
FMB-C05	50	~600	14	20	30	15	17	182	197
FMB-C06	63	~600	14	20	30	15	17	182	197
FMB-C08	80	~800	22	30	42	23	26	229.8	252.8
FMB-C10	100	~800	22	30	42	23	26	229.8	252.8

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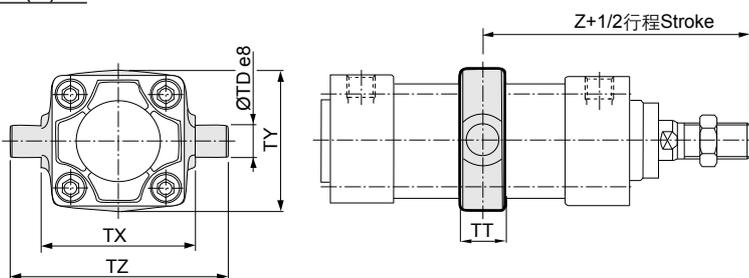
## KM(D)BD



零件号 Part No.	缸径 Bore size	行程 Stroke	CD	CX	CZ	L	RR	U	Z	ZZ
FMB-D04	40	~500	10	14	28	23	11	13	158.5	169.5
FMB-D05	50	~600	14	20	40	30	15	17	182	197
FMB-D06	63	~600	14	20	40	30	15	17	182	197
FMB-D08	80	~800	22	30	60	42	23	26	229.8	252.8
FMB-D10	100	~800	22	30	60	42	23	26	229.8	252.8

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## KM(D)BT



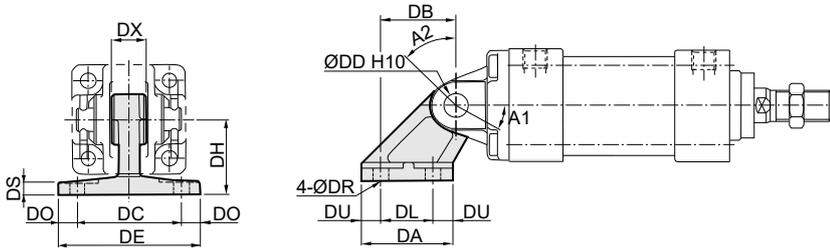
零件号 Part No.	缸径 Bore size	行程 Stroke	TD	TT	TX	TY	TZ	Z
FMB-T04	40	~500	16	22	63	58	95	93
FMB-T05	50	~600	16	22	75	71	107	105
FMB-T06	63	~600	20	28	90	87	130	105
FMB-T08	80	~800	20	34	110	110	150	129
FMB-T10	100	~800	25	40	132	136	182	129

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## 外形尺寸图 Dimensions (mm)

### KM(D)BE

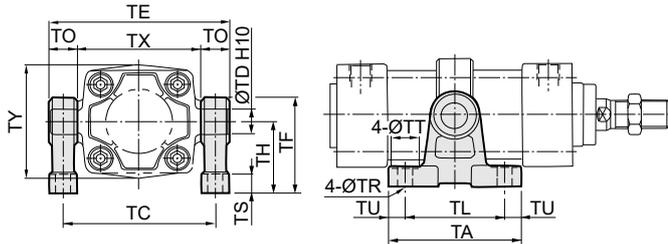


零件号 Part No.	缸径 Bore size	A1	A2	DA	DB	DC	DD	DE
FMB-E04	40	25°	45°	42	32	44	10	62
FMB-E05	50	40°	60°	53	43	60	14	81
FMB-E06	63	40°	60°	53	43	60	14	81
FMB-E08	80	30°	55°	73	64	86	22	111
FMB-E10	100	30°	55°	73	64	86	22	111

零件号 Part No.	缸径 Bore size	DH	DL	DO	DR	DS	DU	DX
FMB-E04	40	33	22	9	9	7	10	14
FMB-E05	50	45	30	10.5	9	8	11.5	20
FMB-E06	63	45	30	10.5	9	8	11.5	20
FMB-E08	80	65	45	12.5	11	10	14	30
FMB-E10	100	65	45	12.5	11	10	14	30

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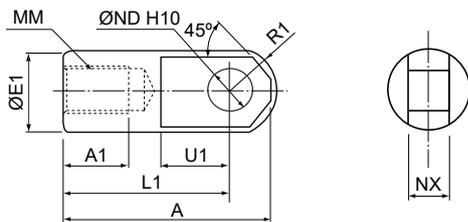
### KM(D)BS



零件号 Part No.	缸径 Bore size	TA	TC	TD	TE	TF	TH	TL	TO	TR	TS	TT	TU	TX	TY
FMB-S04	40	80	79	16	95	60	45	60	16	9	12	17	10	63	58
FMB-S05	50	80	91	16	107	60	45	60	16	9	12	17	10	75	71
FMB-S06	63	100	110	20	130	78	60	70	20	11	14	22	15	90	87
FMB-S08	80	100	130	20	150	78	60	70	20	11	14	22	15	110	110
FMB-S10	100	120	155	25	182	100	75	90	25	13.5	17	24	15	132	136

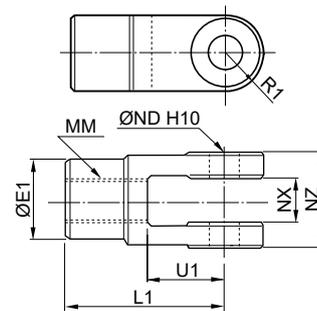
## 附件 Accessories

### I型单肘节接头 I type single knuckle joint



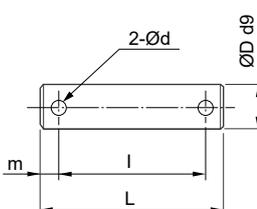
零件号 Part No.	缸径 Bore size	A	A1	E1	L1	MM	ND	NX	R1	U1
FMB-I04	40	50	19	22	40	M14x1.5	10	14	12.5	19
FMB-I05	50, 63	64	24	28	50	M18x1.5	14	20	16.5	24
FMB-I08	80	80	26	40	60	M22x1.5	22	30	23.5	34
FMB-I10	100	80	26	40	60	M26x1.5	22	30	23.5	34

### Y型双肘节接头 Y type double knuckle joint



零件号 Part No.	缸径 Bore size	E1	L1	MM	ND	NX	NZ	R1	U1
FMB-Y04	40	22	40	M14x1.5	10	14	28	11	19
FMB-Y05	50, 63	28	50	M18x1.5	14	20	40	14	24
FMB-Y08	80	40	65	M22x1.5	22	30	60	20	34
FMB-Y10	100	40	65	M26x1.5	22	30	60	20	34

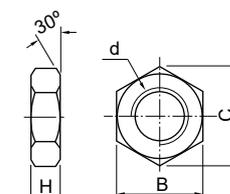
### 销子 Pin



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	d	D	l	L	m
FCD-M03	40	3	10	36	44	4
FCD-M05	50, 63	4	14	51	60	4.5
FCD-M08	80, 100	4	22	72	82	5

### 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