

### 规格 Specifications

缸径 Bore size (mm)	12	16	20	25	32	40	50	63
接管口径 Port size Rc(PT)	M5x0.8		1/8			1/4		
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)	0.1~1.0							
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 Rubber bumper							
行程公差 Stroke tolerance (mm)	+1.5 0							
活塞杆不回转精度 Rod non-rotating accuracy	滑动轴承 Slide bearing	± 0.10°	± 0.09°	± 0.08°	± 0.06°			
	滚动导向轴承 Ball bushing bearing	± 0.08°	± 0.07°	± 0.06°	± 0.05°			
* 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)	* 中间行程 Middle stroke (mm)		磁性开关 / 轨道安装 Auto switch/ Rail mounting
		范围 Range	间隔 Interval	
12, 16	10, 20, 30, 40, 50, 75, 100	1~99	1	D-Z73K
20, 25	20, 30, 40, 50, 75, 100, 125, 150, 175, 200	1~199	1	
32, 40, 50, 63	25, 50, 75, 100, 125, 150, 175, 200	5~195	5	

\* 中间行程通过在比中间行程长的标准行程缸筒内安装隔板的方式实现。  
Middle stroke is implemented by using spacer in barrel of standard stroke.

### 型号表示方法 How to Order

**KMGP M 25 - 40 - Z73K S**

M	滑动轴承 Slide bearing
L	滚动导向轴承 Ball bushing bearing

-	2
S	1

磁性开关 Auto switch		
Z73K	D-Z73K	有接点型 Reed switch
Z73KD	D-Z73KD	两线式无接点 2-wire, solid state
Z73KN	D-Z73KN	NPN 无接点 NPN solid state output
Z73KP	D-Z73KP	PNP 无接点 PNP solid state output

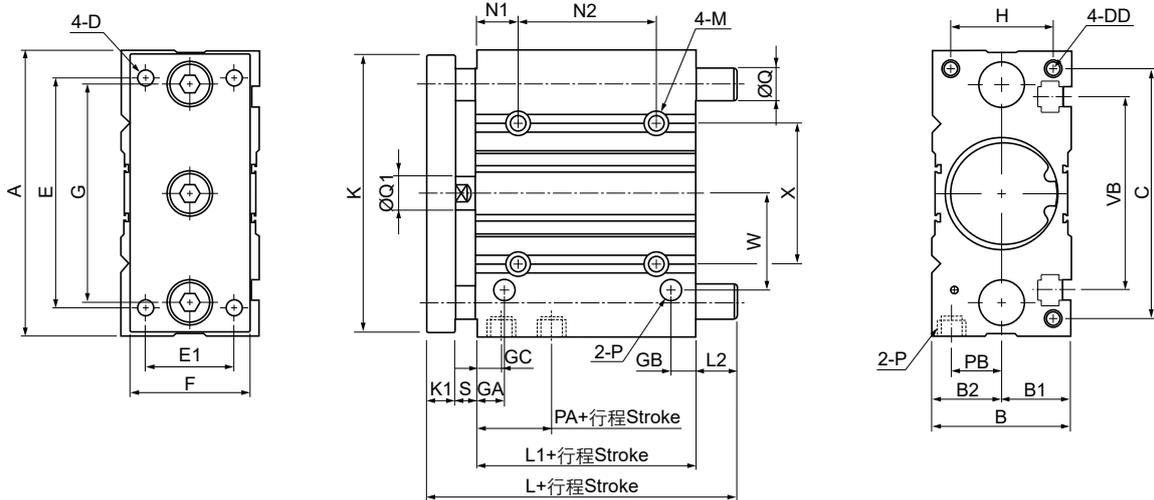
# 导杆气缸

## Guide Air Cylinder

### Series **KMGPM/L**

外形尺寸图 Dimensions (mm)

KMGPM/L



背面图  
Back

缸径 Bore size	KMGPM							KMGPL						
	ST ≤ 50		50 < ST ≤ 100		100 < ST ≤ 200		Q	ST ≤ 50		50 < ST ≤ 100		100 < ST ≤ 200		Q
	L	L2	L	L2	L	L2		L	L2	L	L2	L	L2	
12	42	0	60.5	18.5	-	-	8	43	1	55	13	-	-	6
16	46	0	64.5	18.5	-	-	10	49	3	65	19	-	-	8
20	53	0	77.5	24.5	77.5	24.5	12	59	6	76	23	100	47	10
25	53.5	0	77.5	24	77.5	24	16	65.5	12	81.5	28	100.5	47	13

缸径 Bore size	KMGPM						KMGPL					
	ST ≤ 50		50 < ST ≤ 200		Q	ST ≤ 50		50 < ST ≤ 100		100 < ST ≤ 200		Q
	L	L2	L	L2		L	L2	L	L2	L	L2	
32	75	15.5	93.5	34	20	79.5	20	96.5	37	116.5	57	16
40	75	9	93.5	27.5	20	79.5	13.5	96.5	30.5	116.5	50.5	16
50	88.5	16.5	109.5	37.5	25	91.5	19.5	112.5	40.5	132.5	60.5	20
63	88.5	11.5	109.5	32.5	25	91.5	14.5	112.5	35.5	132.5	55.5	20

缸径 Bore size	A	B	B1	B2	C	D	DD	E	E1	F	G	GA	GB	GC	H	K	K1	L1	P	PA	PB
12	58	26	13	13	50	M4x0.7	M4x0.7 深 depth 10	48	14	22	41	11	7.5	7.5	18	56	8	29	M5x0.8	13	8
16	64	30	15	15	56	M5x0.8	M5x0.8 深 depth 12	54	16	25	46	11	8	8	22	62	8	33	M5x0.8	15	10
20	83	36	18	18	72	M5x0.8	M5x0.8 深 depth 13	70	18	30	54	10.5	8.5	8.5	24	81	10	37	1/8	12.5	10.5
25	93	42	21	21	82	M6x1.0	M6x1.0 深 depth 15	78	26	38	64	11.5	9	9	30	91	10	37.5	1/8	12.5	13.5
32	112	48	24	24	98	M8x1.25	M8x1.25 深 depth 20	96	30	44	78	12.5	9	12.5	34	110	12	37.5	1/8	7	15
40	120	54	27	27	106	M8x1.25	M8x1.25 深 depth 20	104	30	44	86	14	10	14	40	118	12	44	1/8	13	18
50	148	64	32	32	130	M10x1.5	M10x1.5 深 depth 22	130	40	60	110	14	11	12	46	146	16	44	1/4	9	21.5
63	162	78	39	39	142	M10x1.5	M10x1.5 深 depth 22	130	50	70	124	16.5	13.5	16.5	58	158	16	49	1/4	14	28

缸径 Bore size	M	N1	N2			Q1	S	VB	W	X	YL	YY
			ST ≤ 30	30 < ST ≤ 100	100 < ST ≤ 200							
12	Ø4.3 通孔 through, Ø8 沉孔 counter 深 depth 4.5	5	20	40	-	6	5	37	18	23	10	M5x0.8
16	Ø4.3 通孔 through, Ø8 沉孔 counter 深 depth 4.5	5	24	44	-	8	5	38	19	24	10	M5x0.8
20	Ø5.6 通孔 through, Ø9.5 沉孔 counter 深 depth 5.5	17	24	44	120	10	6	44	25	28	12	M6x1.0
25	Ø5.6 通孔 through, Ø9.5 沉孔 counter 深 depth 5.5	17	24	44	120	12	6	50	28.5	34	12	M6x1.0
32	Ø6.6 通孔 through, Ø11 沉孔 counter 深 depth 7.5	21	24	48	124	16	10	63	34	42	16	M8x1.25
40	Ø6.6 通孔 through, Ø11 沉孔 counter 深 depth 7.5	22	24	48	124	16	10	72	38	50	16	M8x1.25
50	Ø8.6 通孔 through, Ø14 沉孔 counter 深 depth 9	24	24	48	124	20	12	92	47	66	20	M10x1.5
63	Ø8.6 通孔 through, Ø14 沉孔 counter 深 depth 9	24	28	52	128	20	12	110	55	80	20	M10x1.5