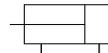


导杆型薄型气缸 Guide Compact Air Cylinder Series **KCQM** (Ø12~Ø100)



规格 Specifications

缸径 Bore size (mm)	12	16	20	25	32	40	50	63	80	100
接管口径 Port size Rc(PT)	M5x0.8			1/8			1/4		3/8	
使用流体 Fluid	过滤压缩空气 Filtered compressed 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)	0.12~1.0			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 (mm/s)	50~500					50~300				
缓冲 Cushion	橡胶缓冲 Rubber bumper									
行程公差 Stroke tolerance (mm) (mm)	+1.0 0									
* 润滑 Lubrication	不需要 Not required									
活塞杆不回转精度 Rod non-rotating accuracy	± 0.2°			± 0.1°						

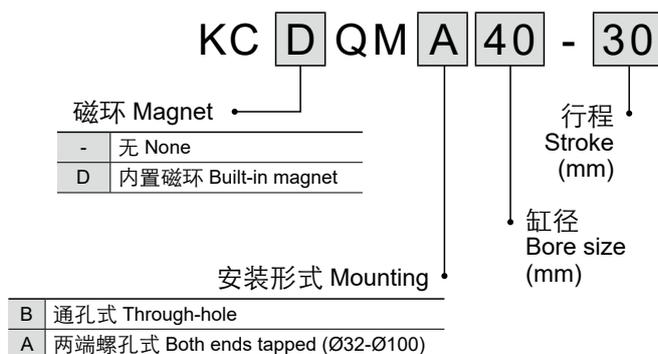
* 如需要润滑请使用透平 1 号油 ISOVG32。Please use Turbine oil 1st Grade ISOVG32 if necessary.

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	5, 10, 15, 20, 25, 30	1~29	1	D-M9BK
20, 25	5, 10, 15, 20, 25, 30, 35, 40, 45, 50	1~49	1	
32	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100	1~99	1	
40		5~95	5	
50, 63, 80, 100	10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100			

* 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



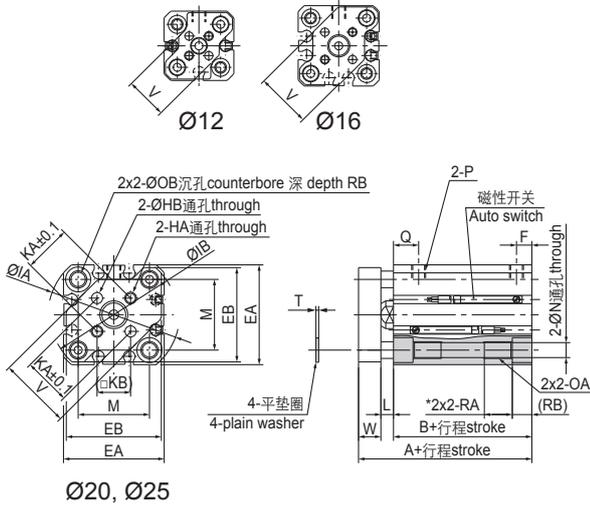
导杆型薄型气缸

Guide Compact Air Cylinder

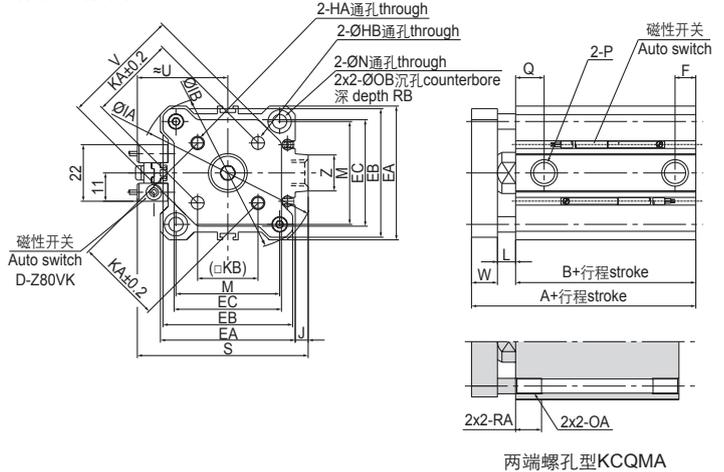
Series KCQM

外形尺寸图 Dimensions (mm)

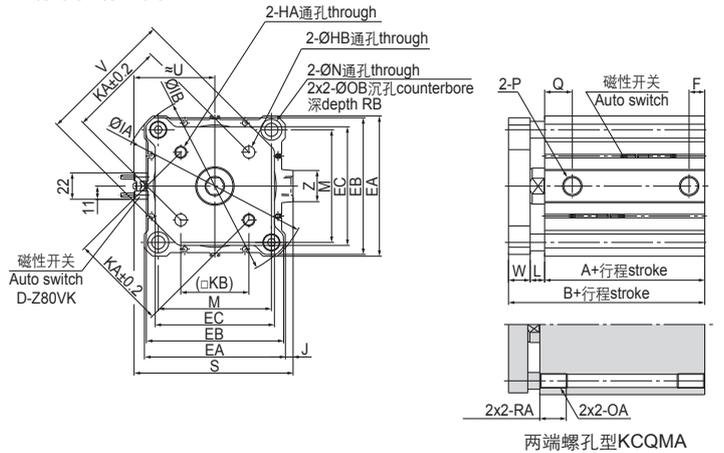
Ø12~Ø25



Ø32~Ø50



Ø63~Ø100



* 除了以下列出的缸径/行程，其余参见总尺寸表。
Except the following bore size/ stroke, the others refer to the dimension table.

缸径 Bore size	行程 Stroke		RA
	KCQM	KCDQM	
12	5	-	通孔螺纹 Threaded through
16	5	-	
20	5~15	5	
25	5, 10	-	

缸径 Bore size	行程范围 Stroke range	A	B	EA	EB	EC	F	HA	HB	IA	IB	J	KA	KB	L	M	N	OA	OB	P	Q	RA	RB	S	T	U	V	W	Z
		12	5~30	26.5(31.5)	17(22)	25	24	-	5	M3x0.5	3 ^{+0.2} ₀	32	31.5	-	10	7.1	3.5	15.5	3.5	M4x0.7	6.5	M5x0.8	7.5	7	4	-	0.5	-	14.9
16	5~30	26.5(31.5)	17(22)	29	28	-	5	M3x0.5	3 ^{+0.2} ₀	38	37	-	14	9.9	3.5	20	3.5	M4x0.7	6.5	M5x0.8	7.5	7	4	-	0.5	-	20	6	-
20	5~50	32(42)	19.5(29.5)	36	34	-	5.5	M4x0.7	4 ^{+0.2} ₀	47	45.5	-	17	12	4.5	25.5	5.4	M6x1.0	9	M5x0.8	9	10	7	-	1	-	26	8	-
25	5~50	35.5(45.5)	22.5(32.5)	40	38	-	5.5	M5x0.8	5 ^{+0.2} ₀	52	50.5	-	22	15.6	5	28	5.4	M6x1.0	9	M5x0.8	11	10	7	-	1	-	30	8	-
32	5	40(50)	23(33)	45	43	34.4	5.5	M5x0.8	5 ^{+0.2} ₀	60	58.5	4.5	28	19.8	7	34	5.5	M6x1.0	9	M5x0.8	11.5	10	7	58.5	-	31.5	38	10	14
	10~50																			(1/8)	(10.5)								
	75, 100	1/8	10.5																										
40	5~50	46.5(56.5)	29.5(39.5)	52	50	41.4	8	M5x0.8	5 ^{+0.2} ₀	69	67.5	5	33	23.3	7	40	5.5	M6x1.0	9	1/8	11	10	7	66	-	35	46	10	14
	75, 100	56.5	39.5																										
50	10~50	50.5(60.5)	30.5(40.5)	64	62	53.4	10.5	M6x1.0	6 ^{+0.2} ₀	86	84.5	7	42	29.7	8	50	6.6	M8x1.25	11	1/4	10.5	14	8	80	-	41	58	12	19
	75, 100	60.5	40.5																										
63	10~50	56(66)	36(46)	77	74	59.6	10.5	M6x1.0	6 ^{+0.2} ₀	103	100	7	50	35.4	8	60	9	M10x1.5	14	1/4	15	18	10.5	93	-	47.5	69	12	19
	75, 100	66	46																										
80	10~50	67.5(77.5)	43.5(53.5)	98	95	79.5	12.5	M8x1.25	8 ^{+0.2} ₀	132	129	6	65	46	10	77	11	M12x1.75	17.5	3/8	16	22	13.5	112.5	-	57.5	89	14	26
	75, 100	77.5	53.5																										
100	10~50	79(89)	53(63)	117	114	99	13	M10x1.5	10 ^{+0.2} ₀	156	153	6.5	80	56.6	10	94	11	M12x1.75	17.5	3/8	23	22	13.5	132.5	-	67.5	113	16	26
	75, 100	89	63																										

** () 内为带磁环的尺寸。() shows dimensions of the model with built-in magnet.