

回转夹紧气缸 Rotary Clamp Air Cylinder Series **KMK** (Ø12~Ø63)

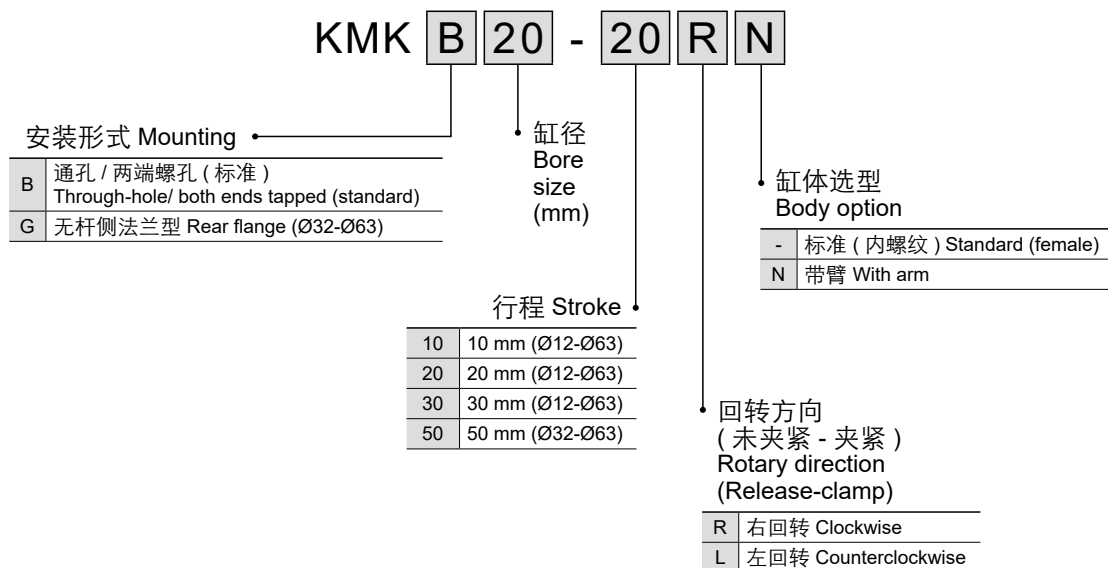


规格 Specifications

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	过滤压缩空气 Filtered compressed air							
动作形式 Action	双动 Double acting							
回转角度 Rotary angle	90°± 10°							
回转方向 Rotary direction	左, 右 R: Clockwise L: Counterclockwise							
回转行程 Rotary stroke (mm)	7.5		9.5		15		19	
夹紧行程 Clamp stroke (mm)	10, 20, 30				10, 20, 30, 50			
理论夹紧力 Theoretical clamp force (N) (0.5MPa)	40	75	100	185	300	525	825	1400
保证耐压力 Proof pressure (MPa)	1.5							
使用压力范围 Operating pressure range (MPa)	0.1~1.0							0.1~0.6
环境及流体温度 Ambient and fluid temperature	-5~60℃ (未冻结 No freezing)							
活塞速度 Piston speed	50~200 mm/s							
缓冲 Cushion	橡胶缓冲 Rubber bumper							
行程公差 Stroke tolerance (mm)	+0.6 -0.4							
* 润滑 Lubrication	不需要 Not required							
活塞杆不回转精度 Rod non-rotating accuracy	± 1.4°	± 1.2°			± 0.9°		± 0.7°	
磁性开关 Auto switch	D-M9BK							

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

型号表示方法 How to Order



回转夹紧气缸

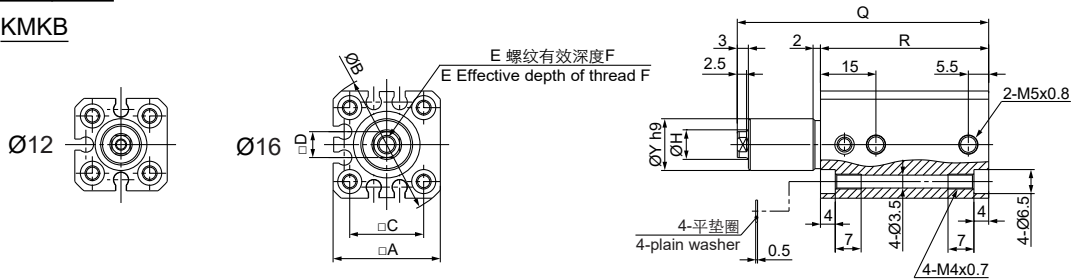
Rotary Clamp Air Cylinder

Series **KMK**

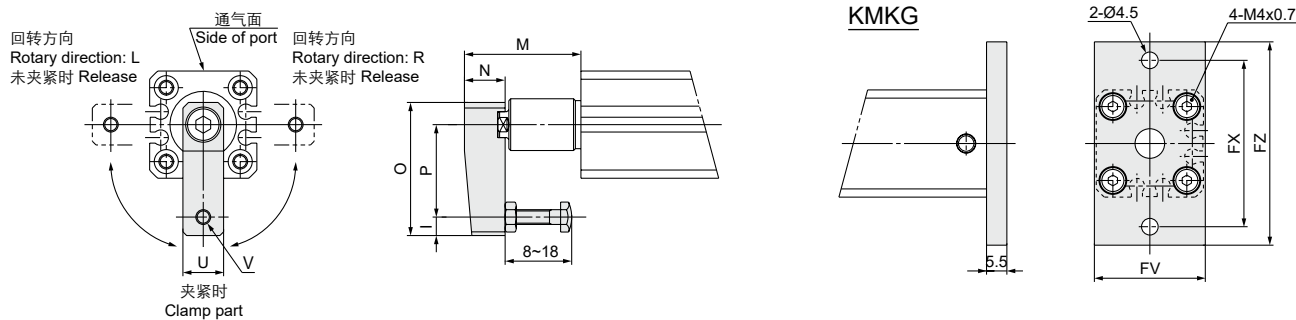
外形尺寸图 Dimensions (mm)

Ø12, Ø16

KMKB

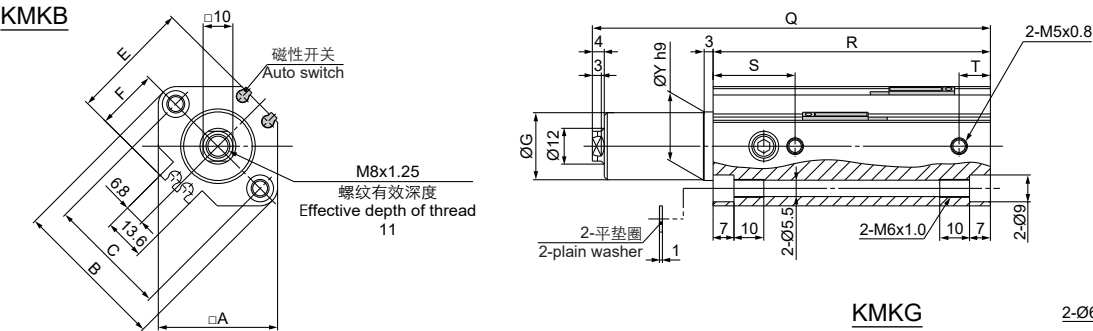


KMKB-N

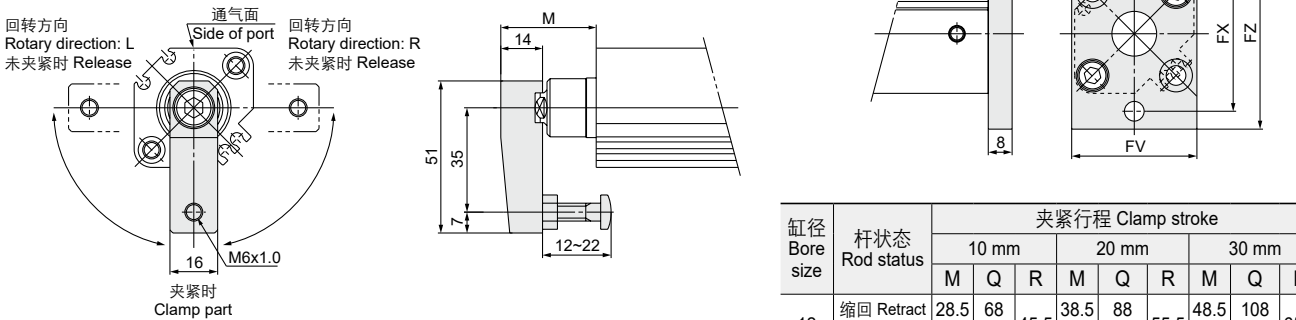


Ø20, Ø25

KMKB



KMKB-N



缸径 Bore size	A	B	C	D	E	F	FV	FX	FZ	G	H	I	N	O	P	S	T	U	V	Y
12	25	32	15.5	5	M3x0.5	5.5	25	45	55	-	6	4	8	29	20	-	-	8	M3x0.5	11 ⁰ _{-0.043}
16	29	38	20	7	M5x0.8	6.5	30	45	55	-	8	5	11	36	25	-	-	11	M4x0.7	14 ⁰ _{-0.043}
20	36	47	36	-	35.5	18	39	48	60	17.9	-	-	-	-	-	28	9	-	-	18 ⁰ _{-0.043}
25	40	52	40	-	40.5	21	42	52	64	22.5	-	-	-	-	-	27.5	10.5	-	-	23 ⁰ _{-0.052}

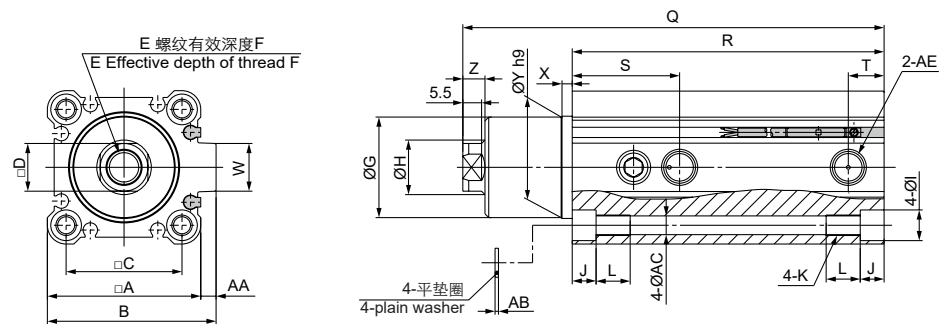
缸径 Bore size	杆状态 Rod status	夹紧行程 Clamp stroke								
		10 mm			20 mm			30 mm		
		M	Q	R	M	Q	R	M	Q	R
12	缩回 Retract	28.5	68	45.5	38.5	88	55.5	48.5	108	65.5
	伸出 Extend	46	85.5	-	66	115.5	-	86	145.5	-
16	缩回 Retract	31.5	68	45.5	41.5	88	55.5	51.5	108	65.5
	伸出 Extend	49	85.5	-	69	115.5	-	89	145.5	-
20	缩回 Retract	32	92.5	72	42	112.5	82	52	132.5	92
	伸出 Extend	51.5	112	-	71.5	142	-	91.5	172	-
25	缩回 Retract	32	93.5	73	42	113.5	83	52	133.5	93
	伸出 Extend	51.5	113	-	71.5	143	-	91.5	173	-

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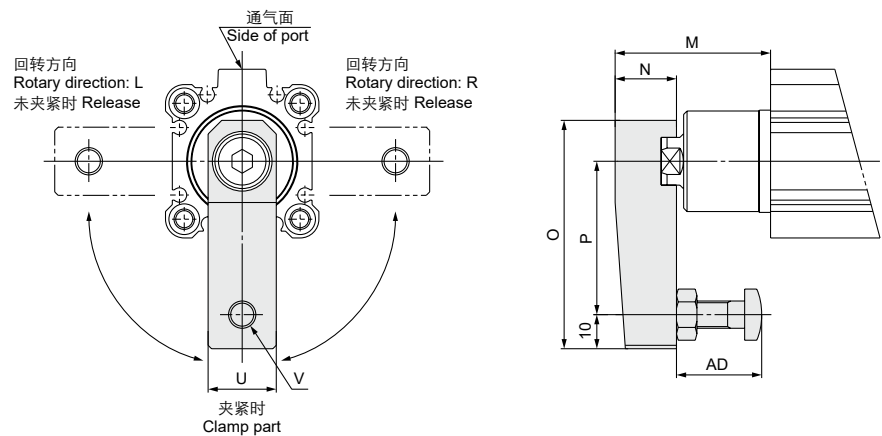
外形尺寸图 Dimensions (mm)

Ø32~Ø63

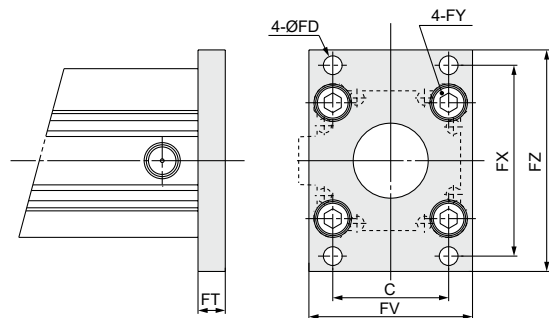
KMKB



KMKB-N



KMKG



缸径 Bore size	杆状态 Rod status	夹紧行程 Clamp stroke											
		10 mm			20 mm			30 mm			50 mm		
		M	Q	R	M	Q	R	M	Q	R	M	Q	R
32	缩回 Retract	45.5	113.5	81.5	55.5	133.5	91.5	65.5	153.5	101.5	85.5	193.5	121.5
	伸出 Extend	70.5	138.5		90.5	168.5		110.5	198.5		150.5	258.5	
40	缩回 Retract	53	114.5	75	63	134.5	85	73	154.5	95	93	194.5	115
	伸出 Extend	78	139.5		98	169.5		118	199.5		158	259.5	
50	缩回 Retract	63	132	86.5	73	152	96.5	83	172	106.5	103	212	126.5
	伸出 Extend	92	161		112	191		132	221		172	281	
63	缩回 Retract	62.5	135	90	72.5	155	100	82.5	175	110	102.5	215	130
	伸出 Extend	91.5	164		111.5	194		131.5	224		171.5	284	

缸径 Bore size	A	AA	AB	AC	AD	AE	B	C	D	E	F	FD	FT	FV	FX	FY	FZ	G	H	I	J	K	L	N	O	P	S	T	U	V	W	X	Y	Z
32	45	4.5	1	5.5	15~25	1/8	49.5	34	14	M10x1.5	12	5.5	8	48	56	M6x1.0	65	29.5	16	9	7	M6x1.0	10	18	67	45	31.5	10.5	20	M8x1.25	14	3	30 ⁰ _{-0.062}	6.5
40	52	5	1	5.5	15~25	1/8	57	40	14	M10x1.5	12	5.5	8	54	62	M6x1.0	72	29.5	16	9	7	M6x1.0	10	18	67	45	29	9	20	M8x1.25	15	3	30 ⁰ _{-0.062}	6.5
50	64	7	1	6.6	30~40	1/4	71	50	17	M12x1.75	15	6.6	9	67	76	M8x1.25	89	36.5	20	11	8	M8x1.25	14	22	88	65	34	11.5	22	M10x1.5	19	3.5	37 ⁰ _{-0.062}	7.5
63	77	7	1.4	9	30~40	1/4	84	60	17	M12x1.75	15	9	9	80	92	M10x1.5	108	47.5	20	14	10.5	M10x1.5	18	22	88	65	34.5	10.5	22	M10x1.5	19	3.5	48 ⁰ _{-0.062}	7.5