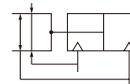


三爪平行开闭气爪 3-Finger Parallel Style Air Gripper Series **KMHS3** (Ø16~Ø125)



规格 Specifications

缸径 Bore size (mm)	16	20	25	32	40	50	63	80	100	125	
接管口径 Port size Rc(PT)	M3x0.5	M5x0.8						1/8	1/4	3/8	
使用流体 Fluid	过滤洁净空气 Filtered clean air										
动作形式 Action	双动 Double acting										
使用压力范围 Operating pressure range (MPa)	0.2~0.6					0.1~0.6					
环境及流体温度 Ambient and fluid temperature	-5~60°C (未冻结 No freezing)										
*1) 有效夹持力 Effective gripping force (0.5 MPa) (N)	开侧 External	14	25	42	74	118	187	335	500	750	1270
	闭侧 Internal	16	28	47	82	130	204	359	525	780	1320
开闭行程 Opening/ closing stroke (mm)	4	4	6	8	8	12	16	20	24	32	
重复精度 Repeatability (mm)	±0.01										
最高动作频率 Max. opening frequency	120 c.p.m					60 c.p.m			30 c.p.m		
*2) 润滑 Lubrication	不需要 Not required										
磁性开关 Auto switch	D-Z80K					D-Z73K					

*1) 夹持点距离 L=20mm (Ø16~Ø25), L=30mm (Ø32~Ø63), L=50mm (Ø80~Ø125) 时的数值。
Values for when gripping point L=20mm (Ø16~Ø25), L=30mm (Ø32~Ø63), L=50mm (Ø80~Ø125).
2) 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

KMHS3 - 32 D - Z73K S

缸径
Bore size

磁性开关数量
No. of auto switches

动作形式 Action

D	双动 Double acting
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-	2
S	1

磁性开关
Auto switch

Z73K	D-Z73K	有接点型 Reed switch
Z80K	D-Z80K	
Z73KD	D-Z73KD	两线式无接点 2-wire, solid state
Z80KD	D-Z80KD	
Z73KN	D-Z73KN	NPN 无接点 NPN Solid state output
Z80KN	D-Z80KN	
Z73KP	D-Z73KP	PNP 无接点 PNP Solid state output
Z80KP	D-Z80KP	

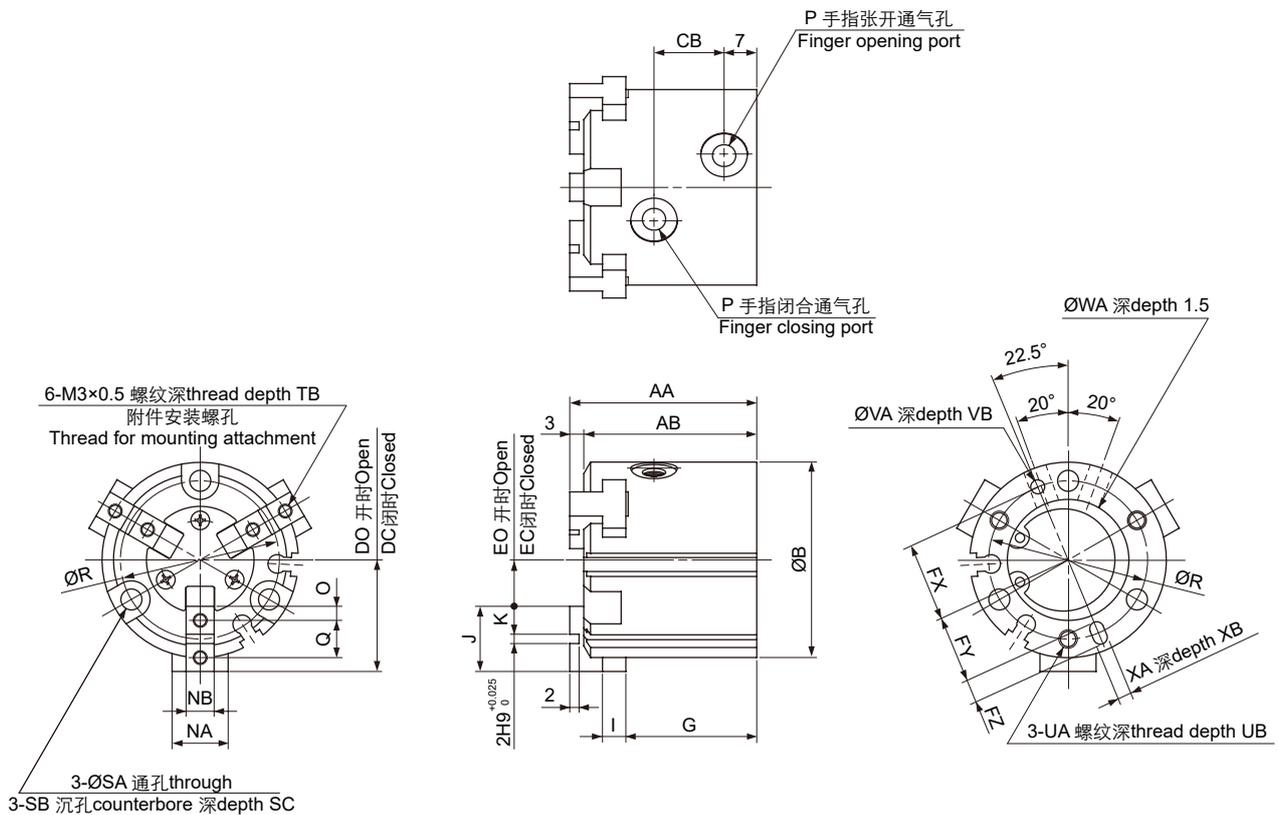
三爪平行开闭气爪

3-Finger Parallel Style Air Gripper

Series **KMHS3**

外形尺寸图 Dimensions (mm)

Ø16~Ø25



型号 Model	AA	AB	B	CB	DC	DO	EC	EO	FX	FY	FZ	G	I	J	K	NA	NB	O	P	Q	R	SA	SB	SC
KMHS3-16D	35	32	30	11	15	17	5	7	12.5	11	3	25	4	10	4	8	5h9 ₀ ^{-0.030}	2	M3x0.5	6	25	3.4	6.5	8
KMHS3-20D	38	35	36	13	18	20	6	8	14.5	13	3	27	5	12	5	10	6h9 ₀ ^{-0.030}	2.5	M5x0.8	7	29	3.4	6.5	9.5
KMHS3-25D	40	37	42	15	21	24	7	10	17	14.5	5	28	5	14	6	12	6h9 ₀ ^{-0.030}	3	M5x0.8	8	34	4.5	8	10

型号 Model	TB	UA	UB	VA	VB	WA	XA	XB
KMHS3-16D	5	M3x0.5	4.5	2H9 ₀ ^{+0.025}	2	17H9 ₀ ^{+0.043}	2H9 ₀ ^{+0.025}	2
KMHS3-20D	6	M3x0.5	6	2H9 ₀ ^{+0.025}	2	21H9 ₀ ^{+0.052}	2H9 ₀ ^{+0.025}	2
KMHS3-25D	6	M4x0.7	6	3H9 ₀ ^{+0.025}	3	26H9 ₀ ^{+0.052}	3H9 ₀ ^{+0.025}	3

3

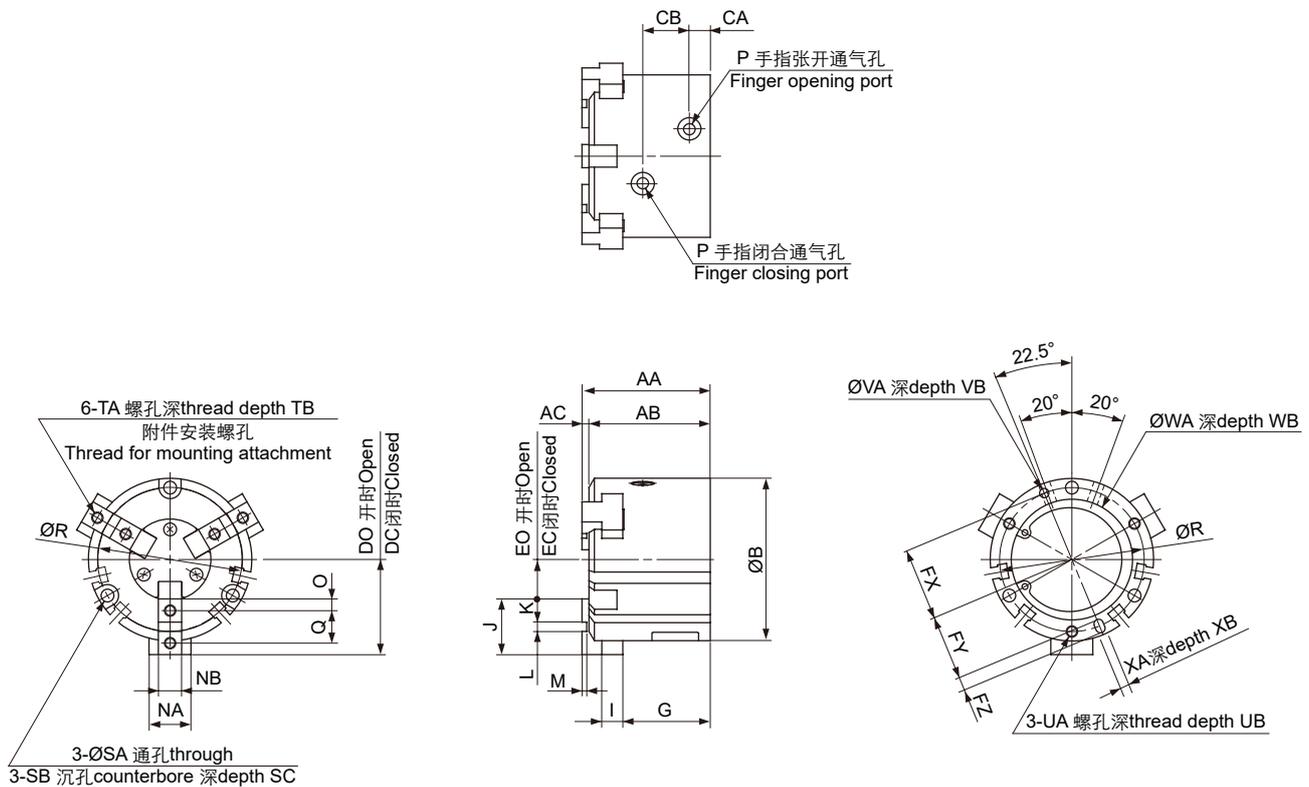
三爪平行开闭气爪

3-Finger Parallel Style Air Gripper

Series **KMHS3**

外形尺寸图 Dimensions (mm)

Ø32~Ø80



型号 Model	AA	AB	AC	B	CA	CB	DC	DO	EC	EO	FX	FY	FZ	G	I	J	K	L	M	NA	NB	O	P
KMHS3-32D	44	41	3	52	8	16	28	32	8	12	22	19.5	5	30.5	6	20	9	2H9 ^{+0.025} ₀	2	14	8h9 ⁰ _{-0.036}	4.5	M5x0.8
KMHS3-40D	47	44	3	62	9	17	31	35	10	14	26.5	23.5	6	32	7	21	9	3H9 ^{+0.025} ₀	2	16	8h9 ⁰ _{-0.036}	4.5	M5x0.8
KMHS3-50D	55	52	3	70	9	20	35	41	11	17	31	28	6	37.5	9	24	10	4H9 ^{+0.030} ₀	2	18	10h9 ⁰ _{-0.036}	5	M5x0.8
KMHS3-63D	66	62	4	86	12	22	43	51	15	23	38	34.5	7	44	11	28	11	6H9 ^{+0.030} ₀	3	24	12h9 ⁰ _{-0.043}	5.5	M5x0.8
KMHS3-80D	82	77	5	106	13.5	27	53.5	63.5	21.5	31.5	47.5	43.5	8	56	12	32	12	8H9 ^{+0.036} ₀	4	28	14h9 ⁰ _{-0.043}	6	1/8

型号 Model	Q	R	SA	SB	SC	TA	TB	UA	UB	VA	VB	WA	WB	XA	XB
KMHS3-32D	11	44	4.5	8	9	M4x0.7	8	M4x0.7	6	3H9 ^{+0.025} ₀	3	34H9 ^{+0.062} ₀	2	3H9 ^{+0.025} ₀	3
KMHS3-40D	12	53	5.5	9.5	9	M4x0.7	8	M5x0.8	7.5	4H9 ^{+0.030} ₀	4	42H9 ^{+0.062} ₀	2	4H9 ^{+0.030} ₀	4
KMHS3-50D	14	62	5.5	9.5	12	M5x0.8	10	M5x0.8	10	4H9 ^{+0.030} ₀	4	52H9 ^{+0.074} ₀	2	4H9 ^{+0.030} ₀	4
KMHS3-63D	17	76	6.6	11	14	M5x0.8	10	M6x1.0	9	5H9 ^{+0.030} ₀	5	65H9 ^{+0.074} ₀	2.5	5H9 ^{+0.030} ₀	5
KMHS3-80D	20	95	6.6	11	19	M6x1.0	12	M6x1.0	12	6H9 ^{+0.030} ₀	6	82H9 ^{+0.087} ₀	3	6H9 ^{+0.030} ₀	6

