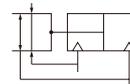


三爪平行开闭气爪 3-Finger Parallel Style Air Gripper Series **KMHS3** (Ø16~Ø125)

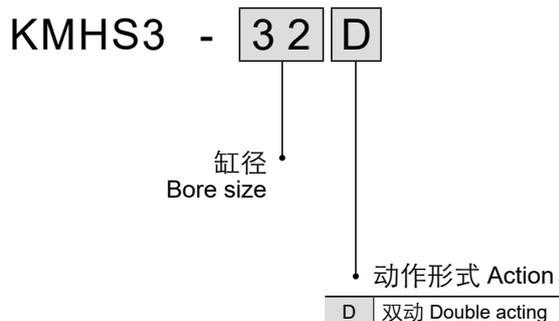


规格 Specifications

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	过滤压缩空气 Filtered compressed 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 / 开关固定码 Auto switch/ Switch clamp	D-M9BK/ -				D-M9BK/ PS						

*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



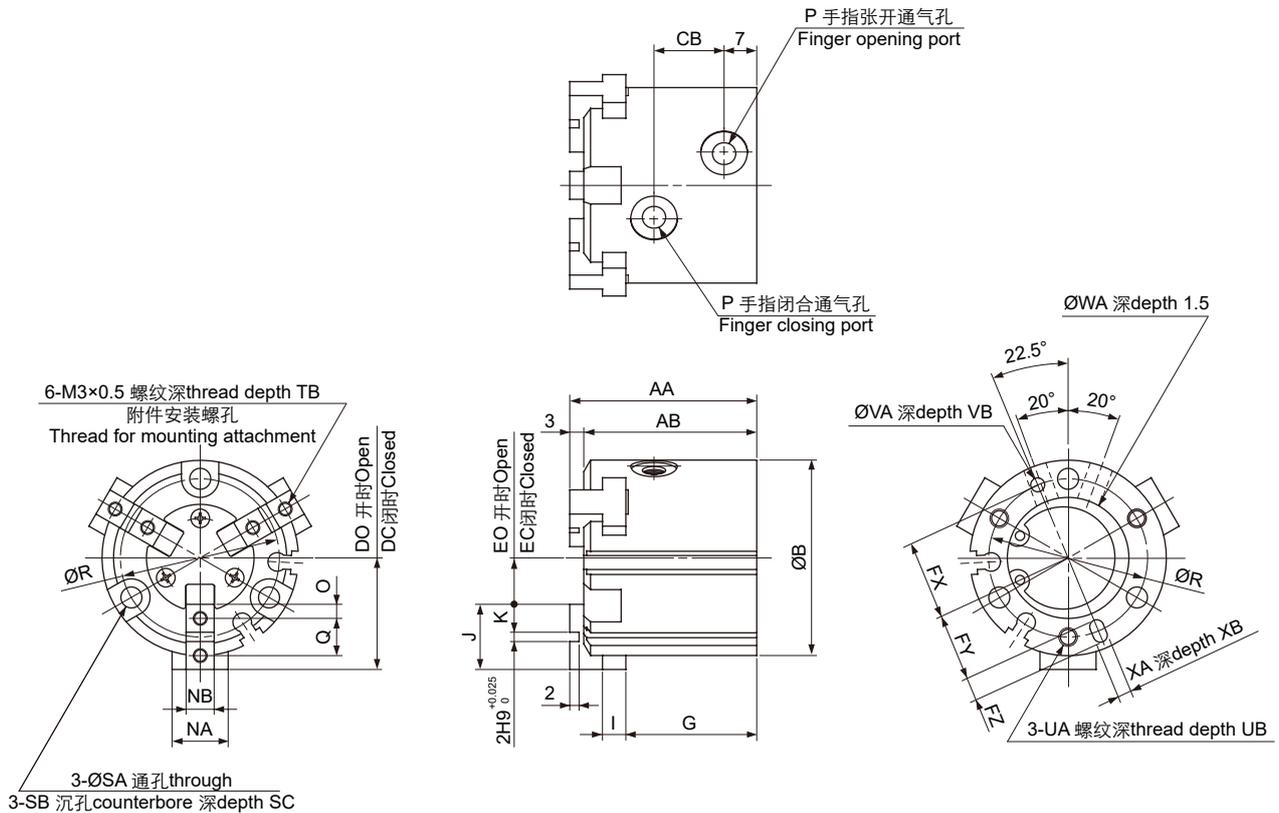
三爪平行开闭气爪

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 ^{0-0.030}	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 ^{0-0.030}	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 ^{0-0.030}	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

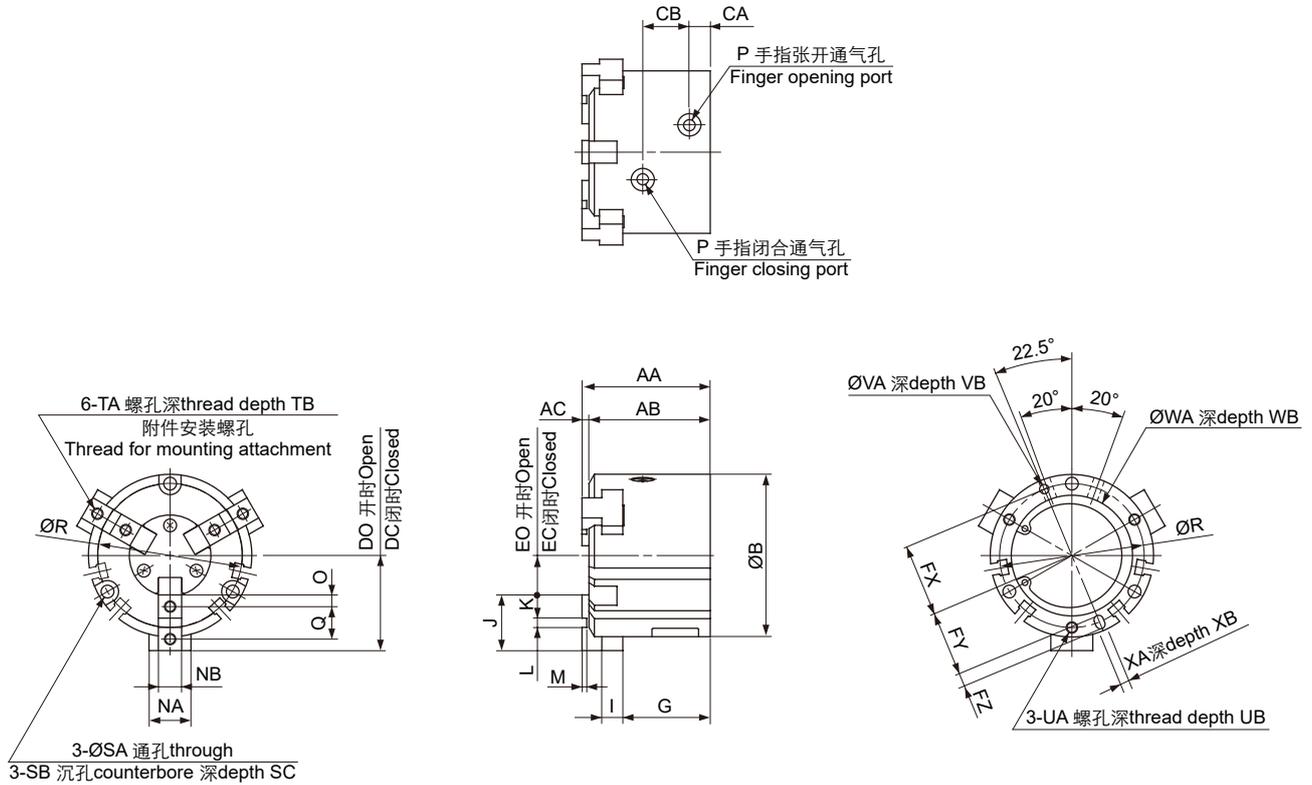
三爪平行开闭气爪

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

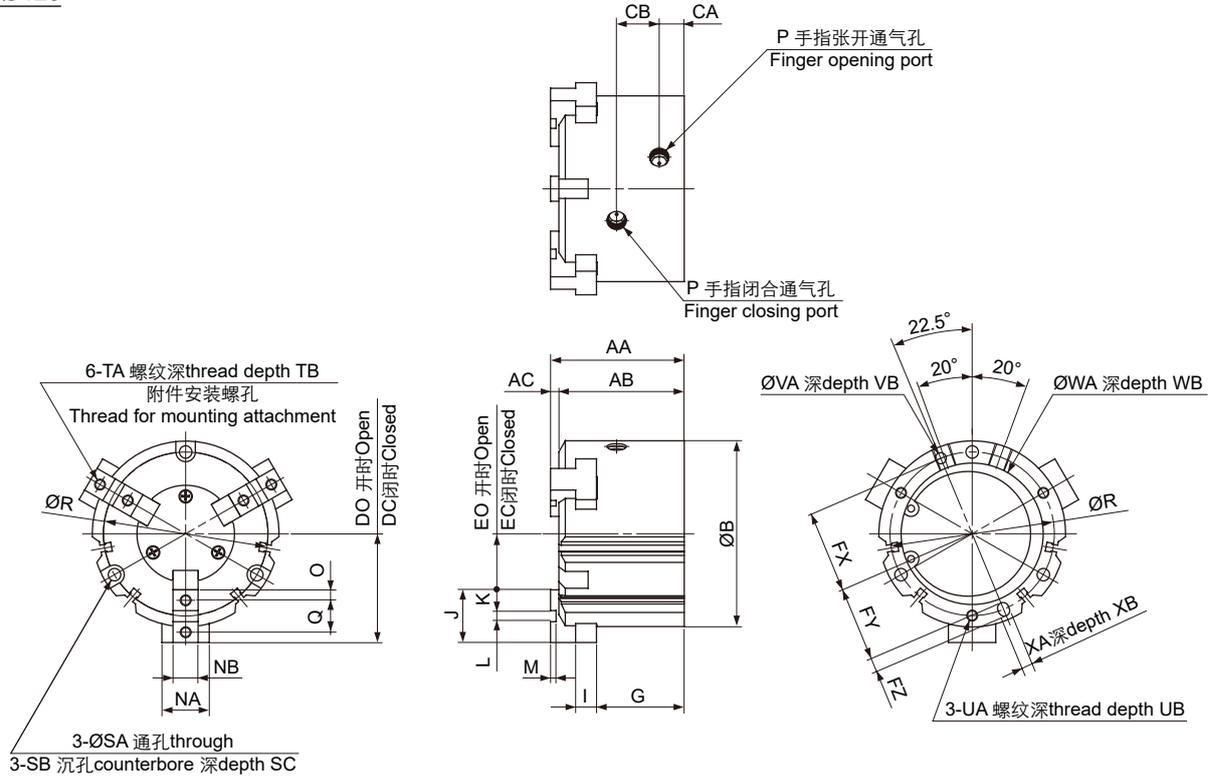
三爪平行开闭气爪

3-Finger Parallel Style Air Gripper

Series **KMHS3**

外形尺寸图 Dimensions (mm)

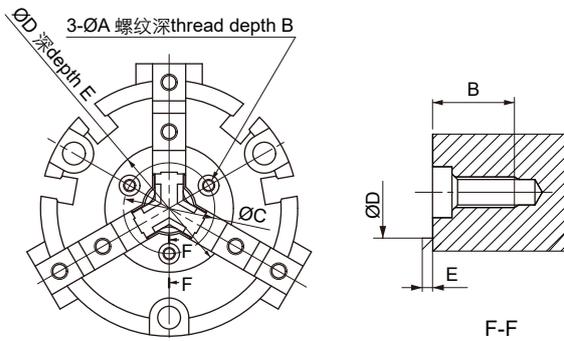
Ø100~Ø125



型号 Model	AA	AB	AC	B	CA	CB	DC	DO	EO	FX	FY	FZ	G	I	J	K	L	M	NA	NB	O	P	
KMHS3-100D	96	90	6	134	18	30.6	66	78	28	40	59	54	10	63	15	38	15	8H9 ^{+0.036} ₀	4	34	18h9 ⁰ _{-0.043}	7.5	1/4
KMHS3-125D	122	114	8	166	23.5	38	82	98	30	46	74	68	12	84	18	52	21	10H9 ^{+0.036} ₀	6	40	22h9 ⁰ _{-0.052}	10.5	3/8

型号 Model	Q	R	SA	SB	SC	TA	TB	UA	UB	VA	VB	WA	WB	XA	XB
KMHS3-100D	23	118	9	14	21	M8x1.25	16	M8x1.25	16	8H9 ^{+0.036} ₀	6	102H9 ^{+0.087} ₀	4	8H9 ^{+0.036} ₀	6
KMHS3-125D	31	148	11	17.5	34	M10x1.5	20	M10x1.5	20	10H9 ^{+0.036} ₀	8	130H9 ^{+0.1} ₀	6	10H9 ^{+0.036} ₀	8

端板安装部分尺寸图 Mounting portion of end plate



型号 Model	A	B	C	D	E
KMHS3-16D	M2x0.4	5.5	12.5	18H8 ^{+0.027} ₀	0.5
KMHS3-20D		5.4	15	21H8 ^{+0.033} ₀	0.6
KMHS3-25D		5.2	17	23H8 ^{+0.033} ₀	
KMHS3-32D	M3x0.5	8	21	27H8 ^{+0.033} ₀	0.8
KMHS3-40D		8	22	31H8 ^{+0.039} ₀	
KMHS3-50D		8	26	35H8 ^{+0.039} ₀	
KMHS3-63D	M4x0.7	9.5	33	42H8 ^{+0.039} ₀	1
KMHS3-80D		9.5	40	52H8 ^{+0.046} ₀	
KMHS3-100D		9.5	54	70H8 ^{+0.046} ₀	
KMHS3-125D		62	82H8 ^{+0.054} ₀		1.5