

FPT Three-finger Translational Gripper

Optional Accessories

Product image	PN	Product model	Description
	1.Y01631	E2E-XIR5E12M	Wire length is 2m, the end is bare
	1.Y06553	E2E-XIR5F12M	Wire length is 2m, the end is bare

Product image	PN	Product model	Description
	1.Y00307	D-M9BL	Wire length is 3m, the end is bare

Product image	PN	Product model	Description
	1.Y06722	M8-M03T	3 pins M8 Field wirable connector

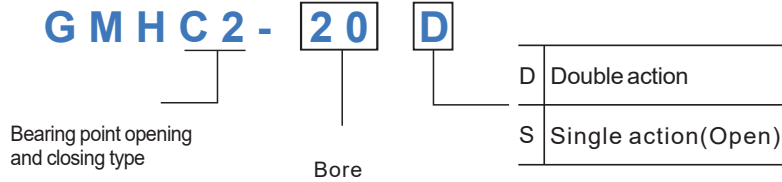
Product image	PN	Product model	Description	Product image	PN	Product model
 90° bend angle Rotatable Hose Fitting	1.Y13156	KQ2V06-01AS	90 degree elbow, G1/8 threaded connector, 6mm Hose Fitting output	 Elastic unloading mechanism	1.Y13381	SL-040
					1.Y13382	SL-050
					1.Y13383	SL-064
	1.Y13158	KQ2V08-01AS	90 degree elbow, G1/8 threaded connector, 8mm Hose Fitting output		1.Y13384	SL-080
					1.Y13385	SL-100
					1.Y13386	SL-120
	1.Y13157	KQ2V06-02AS	90 degree elbow, G1/4 threaded connector, 6mm Hose Fitting output		1.Y13387	SL-160
					1.Y13388	SL-200
					1.Y13389	SL-240
			1.Y13390	SL-300		

Y Type Gripper

Model representation methods

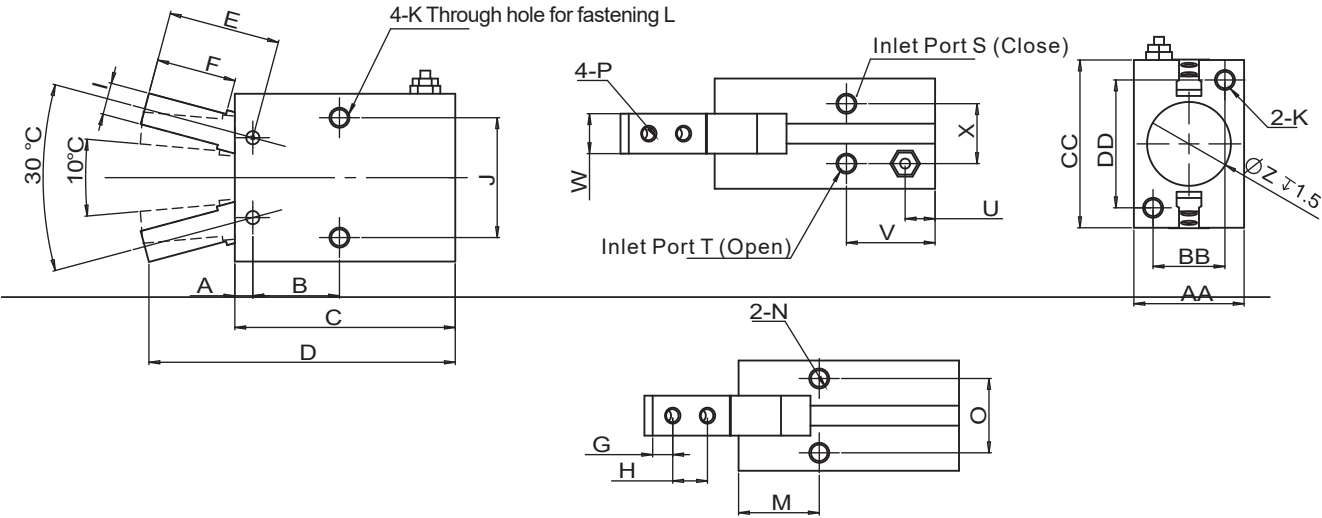


Standard type



PN	Model	Bore	Pressure Range (c.p.m)		Temperature range	Repetition accuracy	Maximum frequency of use (c.p.m)	Nozzle diameter	Weight
			Single action	Double action					
1.Y02014	GMHC2-16S	16	0.1~0.6	/	-10~60℃	±0.01	180	M5*0.8	99g
1.Y05738	GMHC2-16D	16	/	0.25~0.6	-10~60℃	±0.01	180	M5*0.8	108g
1.Y02730	GMHC2-20S	20	0.1~0.6	/	-10~60℃	±0.01	180	M5*0.8	167g
1.Y04328	GMHC2-20D	20	/	0.25~0.6	-10~60℃	±0.01	180	M5*0.8	177g

Notes:
1, Air Fluid
2, action mode single-acting double-acting (optional)



Bore (mm)	Pipe Size																S	T		U	V	W	X	Z	AA	BB	CC	DD
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P												
16	3.9	16.2	44.6	62.5	22.6	16	4	7	7	24	M4X0.7	3.4	10.7	M4X0.7	16	M3X0.5	M5X0.8	7	18.3	8	13	17	23.6	15	30.6	22		
20	4.5	21.7	55.2	78.7	28	20	5.2	9	8	30	M5X0.8	4.3	15.7	M5X0.8	8.6	M4X0.7	M5X0.8	7.5	22.2	10	15	21	27.6	18	42	32		

Three Jaws Gripper

Model Representation Methods



Standard type

GMHS2-25

Bore

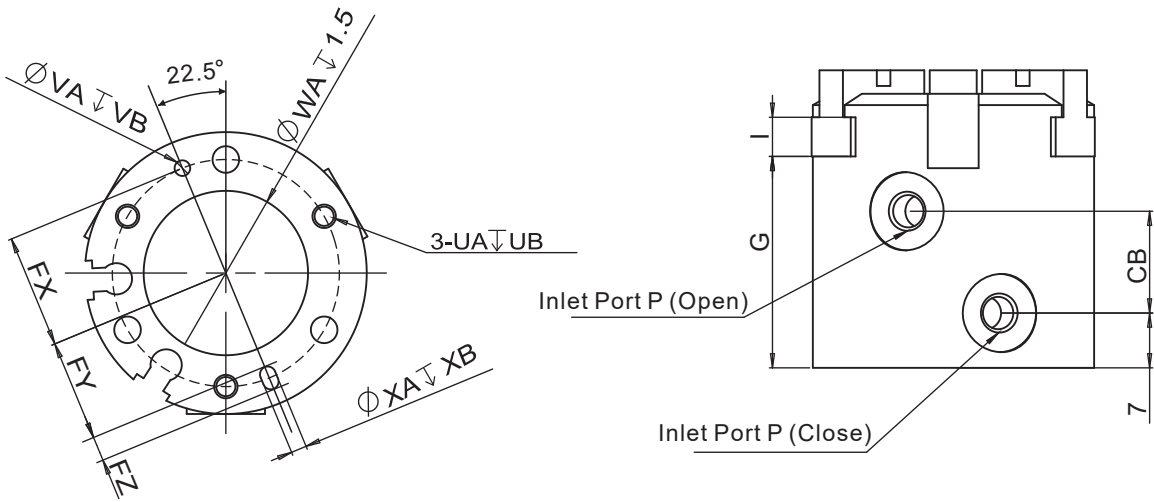
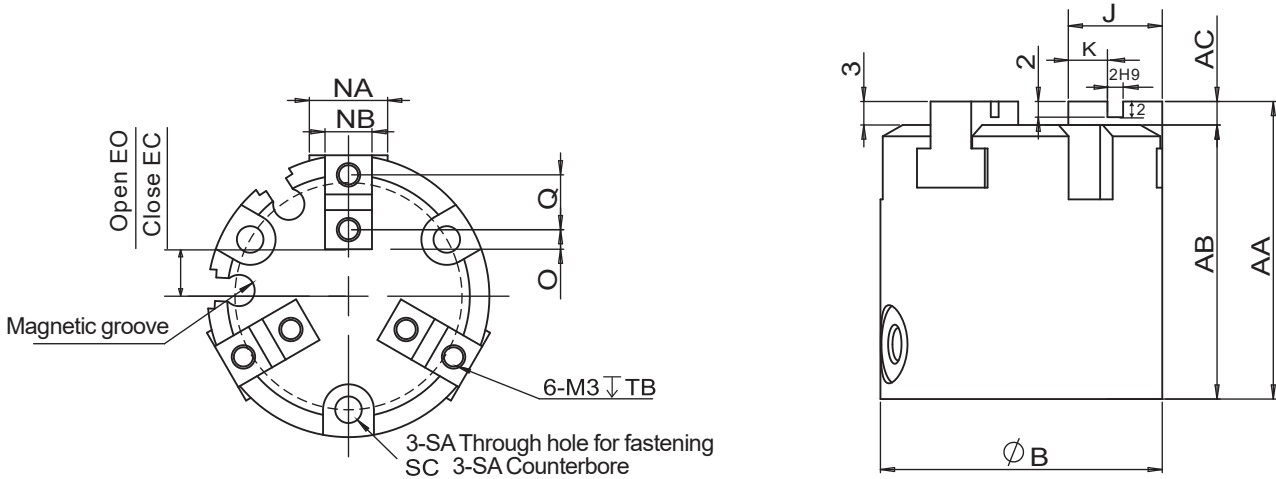
D

D	Double action
S	Single action(Open)

PN		1.Y04529	1.Y04764	1.Y05750
Model		GMHS3-16D	GMHS3-20D	GMHS3-25D
Bore		16	20	25
Fluid		Air		
Operating pressure range		0.2~0.6MPa		
Environment and fluid temperature		-10~60°C		
Repeatability accuracy (mm)		±0.01		
Maximum frequency of use (c.p.m)		120c.p.m		
Action mode		Double action		
Note) gripping force N Pressure 0.5MPa	External diameter clamping	14	25	42
	Internal diameter clamping	16	28	47
	External diameter clamping with dust cover	9	21	36
Standard finger stroke with hood		4	4	6
Long stroke finger stroke		10	10	12
Rc Pipe Size		M3×0.5	M5×0.8	M5×0.8
Magnetic switch		Built in magnetic ring type		
Weight		59g	96.7g	138g

Note)Clamping force when holding the outside diameter,
The value of the holding point of ø16-ø25 is L=20mm

Three Jaws Gripper



Bore	AA	AB	B	CB	EC	EO	FX	FY	FZ	G	I	J	K	NA	NB
16	35	32	30	11	5	7	12.5	11	3	25	4	10	4	8	5h9
20	38	35	36	13	6	8	14.5	13	3	27	5	12	5	10	6h9
25	40	37	42	15	7	10	17	14.5	5	28	5	14	6	12	6h9

Bore	O	P	Q	SA	SB	SC	TB	UA	UB	VA	VB	WA	XA	XB
16	2	M3x0.5	6	3.4	6.5	8	5	M3x0.5	4.5	2H9	2	17H9	2H9	2
20	2.5	M5x0.8	7	3.4	6.5	9.5	6	M3x0.5	6	2H9	2	21H9	2H9	2
25	3	M5x0.8	8	4.5	8	10	6	M4x0.7	6	3H9	3	26H9	3H9	3