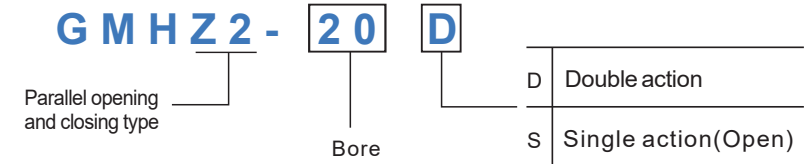


Parallel Gripper

Model Representation Methods



Standard type

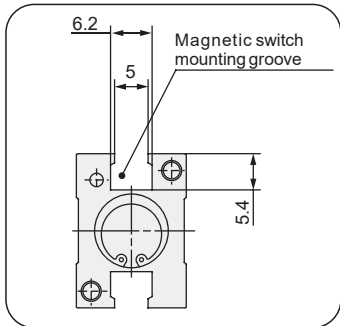


PN	Model	Bore	Pressure Range (Mpa)		Temperature range	Repetition accuracy	Maximum frequency of use (c.p.m)	Nozzle diameter	Weight	Gripping force (N)			Opening and closing stroke on both sides (mm)
			Single action	Double action						Single action	Double action		
										External	External	Internal	
1.Y00258	GMHZ2-10S	10	0.35~0.7	/	-10~60°C	±0.01	180	M3*0.5	53g	7.1	11	17	4
1.Y00252	GMHZ2-10D	10	/	0.2~0.7	-10~60°C	±0.01	180	M3*0.5	52.5g	7.1	11	17	4
1.Y00257	GMHZ2-16S	16	0.25~0.7	/	-10~60°C	±0.01	180	M5*0.8	123g	27	34	45	6
1.Y00256	GMHZ2-16D	16	/	0.1~0.7	-10~60°C	±0.01	180	M5*0.8	120g	27	34	45	6
1.Y03080	GMHZ2-20S	20	0.25~0.7	/	-10~60°C	±0.01	180	M5*0.8	227g	33	42	66	10
1.Y02703	GMHZ2-20D	20	/	0.1~0.7	-10~60°C	±0.01	180	M5*0.8	225g	33	42	66	10
1.Y09884	GMHZ2-25S	25	0.25~0.7	/	-10~60°C	±0.01	180	M5*0.8	309g	45	65	104	14
1.Y09338	GMHZ2-25D	25	/	0.1~0.7	-10~60°C	±0.01	180	M5*0.8	314g	45	65	104	14
1.Y09885	GMHZ2-32S	32	0.25~0.7	/	-10~60°C	±0.02	60	M5*0.8	415g	131	158	193	22
1.Y09886	GMHZ2-32D	32	/	0.1~0.7	-10~60°C	±0.02	60	M5*0.8	410g	131	158	193	22
1.Y09887	GMHZ2-40S	40	0.25~0.7	/	-10~60°C	±0.02	60	M5*0.8	543g	217	254	318	30
1.Y09888	GMHZ2-40D	40	/	0.1~0.7	-10~60°C	±0.02	60	M5*0.8	537g	217	254	318	30

Notes:
1, Air Fluid
2, action mode single-acting double-acting (optional)
3, optional non-contact magnetic switch

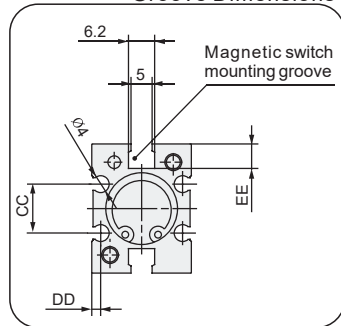
Dimensions Table (mm)

GMHZ2-10□Magnetic Switch Mounting Groove Dimensions



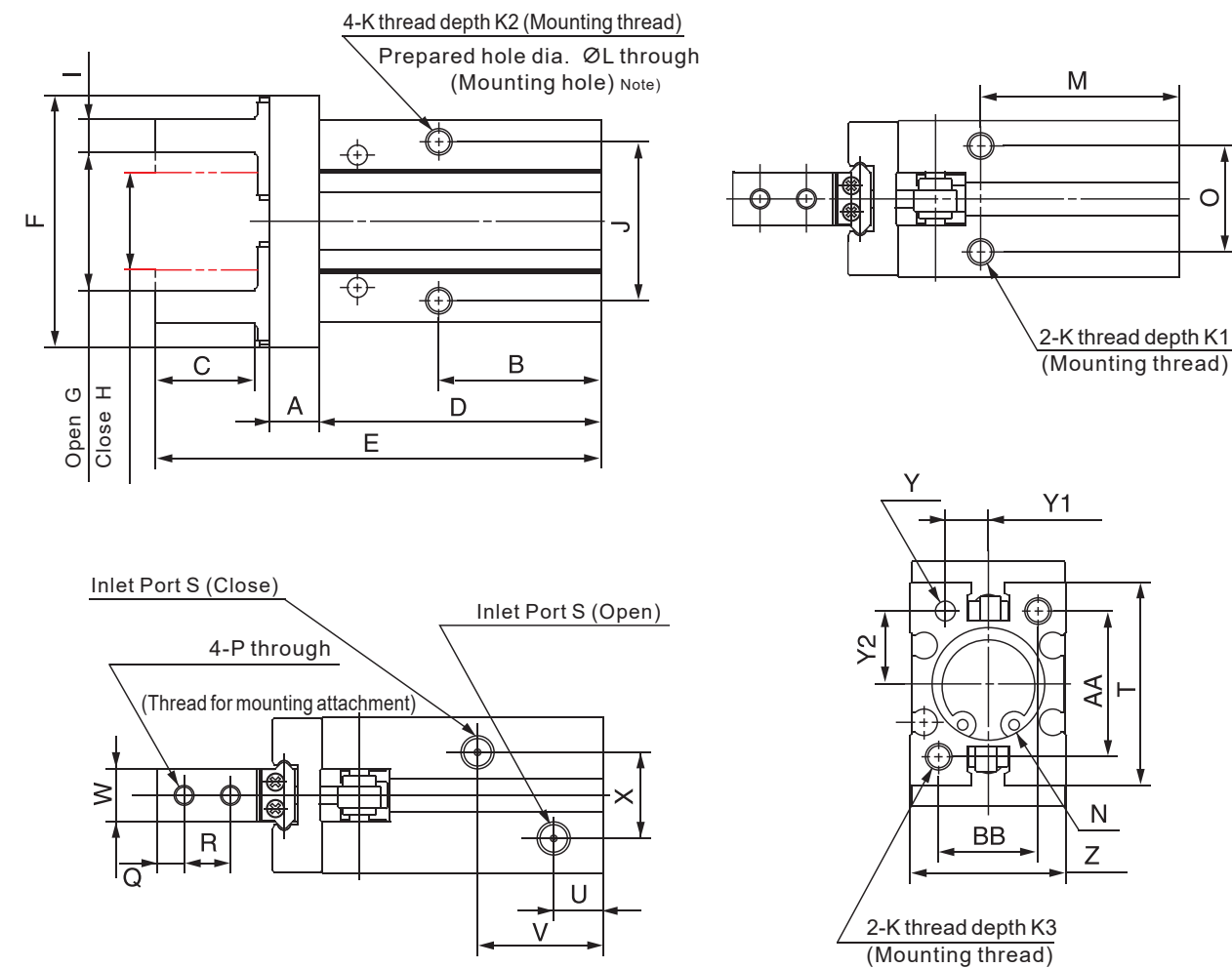
Note) When using Magnetic switches, throughhole mounting is not possible.

GMHZ2-□□Magnetic Switch Mounting Groove Dimensions



Note) When using Magnetic switchesD-Y59、D-Y69、D-Y7, throughhole mounting is not possible.

Parallel Gripper



* For single action, the port on one side is a breathing hole.

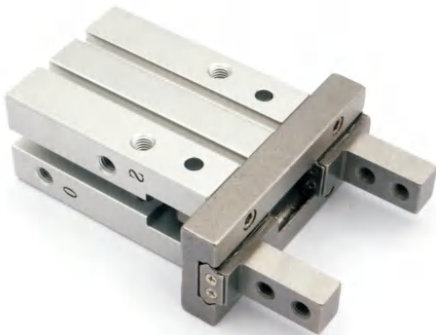
Bore	A	B	C	D	E	F	G	H	I	J	K	K1	K2	K3	øL	M	N
10	6	23	12	37.8	57	29	15.2 ^{+0.2/-0.2}	11.2 ^{+0.2/-0.2}	4 ^{+0.1/-0.1}	16	M3x0.5	6	5.5	6	2.6	27	ø11H9 ^{+0.02/-0.02} 2
16	7.5	24.5	15	42.5	67.3	38	20.9 ^{+0.2/-0.2}	14.9 ^{+0.2/-0.2}	5 ^{+0.1/-0.1}	24	M4x0.7	4.5	8	8	3.4	30	ø17H9 ^{+0.02/-0.02} 2
20	9.5	29	20	52.8	84.8	50	26.3 ^{+0.2/-0.2}	16.3 ^{+0.2/-0.2}	8 ^{+0.1/-0.1}	30	M5x0.8	8	10	10	4.3	35	ø21H9 ^{+0.02/-0.02} 3
25	11	30	25	63.6	102.7	63	33.3 ^{+0.2/-0.2}	19.3 ^{+0.2/-0.2}	10 ^{+0.1/-0.1}	36	M6x1	10	12	12	5.1	36.5	ø26H9 ^{+0.02/-0.02} 3.5
32	12	40(49)	29	67(76)	113(122)	97	48 ^{+0.2/-0.2}	26 ^{+0.2/-0.2}	12 ^{+0.1/-0.1}	46	M6x1	10	13	13	5.1	48(57)	ø34H9 ^{+0.02/-0.02} 4
40	15	49(62)	36	83(96)	139(152)	119	60 ^{+0.2/-0.2}	30 ^{+0.2/-0.2}	14 ^{+0.1/-0.1}	56	M8x1.25	13	16	17	6.6	58(71)	ø42H9 ^{+0.02/-0.02} 4

Bore	O	P	Q	R	S	T	U	V	W	X	Y	Z	Y1	Y2	AA	BB	CC	DD	EE
10	11.4	M2.5x0.45	3	5.7	M3x0.5	23	9	19	5 ^{+0.05/-0.05}	11	ø2H9 ^{+0.02/-0.02} 3	16.4 ^{+0.05/-0.05}	5.2 ^{+0.02/-0.02}	7.6 ^{+0.02/-0.02}	18	12	-	-	-
16	16	M3x0.5	4	7	M5x0.8	30.6	7.5	19	8 ^{+0.05/-0.05}	13	ø3H9 ^{+0.02/-0.02} 3	23.6 ^{+0.05/-0.05}	6.5 ^{+0.02/-0.02}	11 ^{+0.02/-0.02}	22	15	11.6	2.1	5.8
20	18.6	M4x0.7	5	9	M5x0.8	42	10	23	10 ^{+0.05/-0.05}	15	ø4H9 ^{+0.02/-0.02} 4	27.6 ^{+0.05/-0.05}	7.5 ^{+0.02/-0.02}	16.8 ^{+0.02/-0.02}	32	18	14	2.1	9
25	22	M5x0.8	6	12	M5x0.8	52	10.7	23.5	12 ^{+0.05/-0.05}	20	ø4H9 ^{+0.02/-0.02} 4	33.6 ^{+0.05/-0.05}	10 ^{+0.02/-0.02}	21.8 ^{+0.02/-0.02}	40	22	19	3.5	11.5
32	26	M6x1	7	14	M5x0.8	60	11	31(37)	15 ^{+0.05/-0.05}	24	ø5H9 ^{+0.02/-0.02} 5	40 ^{+0.1/-0.1}	12 ^{+0.02/-0.02}	23 ^{+0.02/-0.02}	46	26	24	3.3	11.5
40	32	M8x1.25	9	17	M5x0.8	72	12	38(45)	18 ^{+0.05/-0.05}	28	ø5H9 ^{+0.02/-0.02} 5	48 ^{+0.1/-0.1}	14 ^{+0.02/-0.02}	29 ^{+0.02/-0.02}	56	32	29.4	3.7	13

The size of the single action is within ().

Parallel Gripper

Model representation methods



Standard type

GMHZZL2-20D

Long Stroke type

Bore

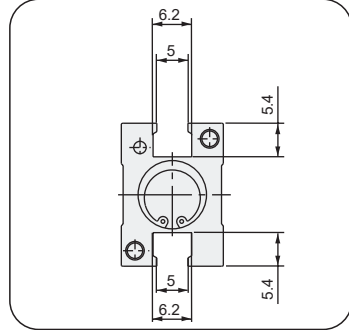
D	Double action
S	Single action(Open)

PN	Model	Bore	Pressure Range (Mpa)		Temperature range	Repetition accuracy	Maximum frequency of use (c.p.m)	Nozzle diameter	Weight	Gripping force (N)			Opening and closing stroke on both sides (mm)
			Single action	Double action						Single action External	Double action External	Double action Internal	
1.Y09405	GMHZZL2-10S	10	0.35~0.7	/	-10~60°C	±0.01	120	M3*0.5	63g	7.1	11	17	8
1.Y07974	GMHZZL2-10D	10	/	0.2~0.7	-10~60°C	±0.01	120	M3*0.5	59g	7.1	11	17	8
1.Y08175	GMHZZL2-16S	16	0.25~0.7	/	-10~60°C	±0.01	120	M5*0.8	139g	27	34	45	12
1.Y08146	GMHZZL2-16D	16	/	0.1~0.7	-10~60°C	±0.01	120	M5*0.8	130g	27	34	45	12
1.Y09882	GMHZZL2-20S	20	0.25~0.7	/	-10~60°C	±0.01	120	M5*0.8	218g	33	42	66	18
1.Y07975	GMHZZL2-20D	20	/	0.1~0.7	-10~60°C	±0.01	120	M5*0.8	211g	33	42	66	18
1.Y09883	GMHZZL2-25S	25	0.25~0.7	/	-10~60°C	±0.01	120	M5*0.8	302g	50	65	104	22
1.Y08802	GMHZZL2-25D	25	/	0.1~0.7	-10~60°C	±0.01	120	M5*0.8	293g	50	65	104	22

Notes:
1, Air Fluid
2, action mode single-acting double-acting (optional)
3, optional non-contact magnetic switch

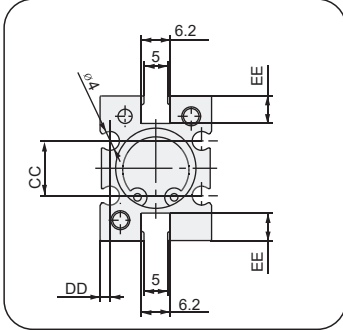
Dimensions table (mm)

GMHZZL2-10□ Magnetic Switch Mounting Groove Dimensions



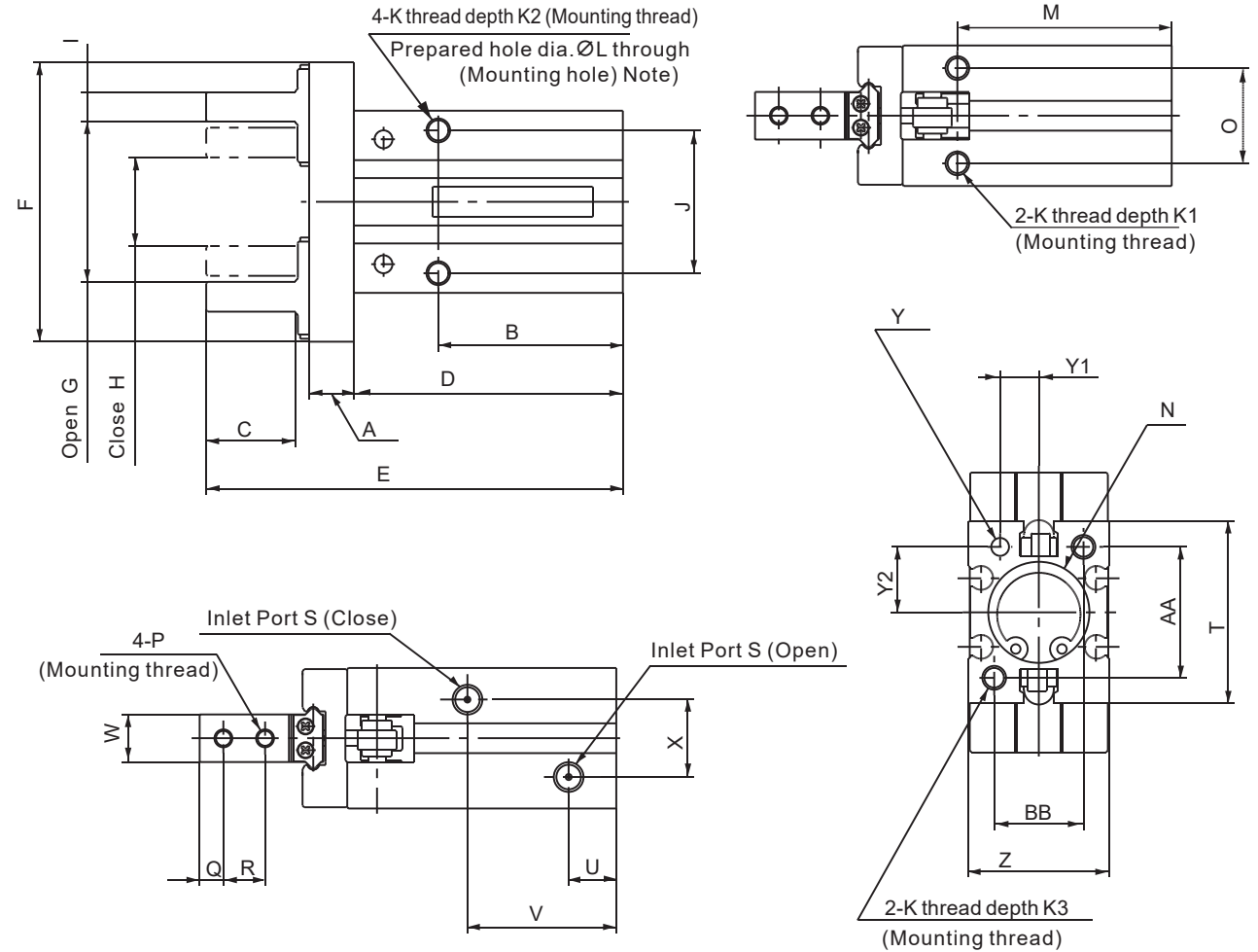
Note) When using Magnetic switches, throughhole mounting is not possible.

GMHZZL2-□□ Magnetic Switch Mounting Groove Dimensions



Note) When using Magnetic switchesD-Y59、D-Y69、D-Y7, throughhole mounting is not possible.

Parallel Gripper



* For single action, the port on one side is a breathing hole.

Bore	A	B	C	D	E	F	G	H	I	J	K	K1	K2	K3	øL	M	N
10	6	25(35)	12	37.8(47.8)	57(67)	35	19.2 ^{+0.2} _{-0.4}	11.2 ^{+0.4} _{-0.4}	4 ^{+0.1} _{-0.1}	16	M3x0.5	6	5.5	6	2.6	29(39)	ø11H9 ⁺ ₋ 2
16	7.5	31(36)	15	45.2(50.2)	70(75)	47	26.9 ^{+0.2} _{-0.4}	14.9 ^{+0.4} _{-0.4}	5 ^{+0.1} _{-0.1}	24	M4x0.7	4.5	8	8	3.4	36(41)	ø17H9 ⁺ ₋ 2
20	9.5	36(42)	20	58(64)	90(96)	62	34.3 ^{+0.4} _{-0.4}	16.3 ^{+0.4} _{-0.4}	8 ^{+0.1} _{-0.1}	30	M5x0.5	8	10	10	4.3	43(49)	ø21H9 ⁺ ₋ 3
25	11	40(50)	25	66.9(76.9)	106(116)	75	41.3 ^{+0.4} _{-0.4}	19.3 ^{+0.4} _{-0.4}	10 ^{+0.1} _{-0.1}	36	M6x1	10	12	12	5.1	48(58)	ø26H9 ⁺ ₋ 3.5

Bore	O	P	Q	R	S	T	U	V	W	X	Y	Z	Y1	Y2	AA	BB	CC	DD	EE
10	11.4	M2.5x0.45	3	5.7	M3x0.5	23	8	21(31)	5 ^{+0.05} _{-0.05}	11	ø2H9 ⁺ ₋ 3	16.4 ^{+0.05} _{-0.05}	5.2 ^{+0.02} _{-0.02}	7.6 ^{+0.02} _{-0.02}	18	12	-	-	-
16	16	M3x0.5	4	7	M5x0.8	30.6	8	25(30)	8 ^{+0.05} _{-0.05}	13	ø2H9 ⁺ ₋ 3	23.6 ^{+0.05} _{-0.05}	6.5 ^{+0.02} _{-0.02}	11 ^{+0.02} _{-0.02}	22	15	11.6	2.1	5.8
20	18.6	M4x0.7	5	9	M5x0.8	42	10	30(36)	10 ^{+0.05} _{-0.05}	15	ø4H9 ⁺ ₋ 4	27.6 ^{+0.05} _{-0.05}	7.5 ^{+0.02} _{-0.02}	16.8 ^{+0.02} _{-0.02}	32	18	14	2.1	9
25	22	M5x0.8	6	12	M5x0.8	52	10	33(43)	12 ^{+0.05} _{-0.05}	20	ø4H9 ⁺ ₋ 4	33.6 ^{+0.05} _{-0.05}	10 ^{+0.02} _{-0.02}	21.8 ^{+0.02} _{-0.02}	40	22	19	3.5	11.5

The size of the single action is within ().