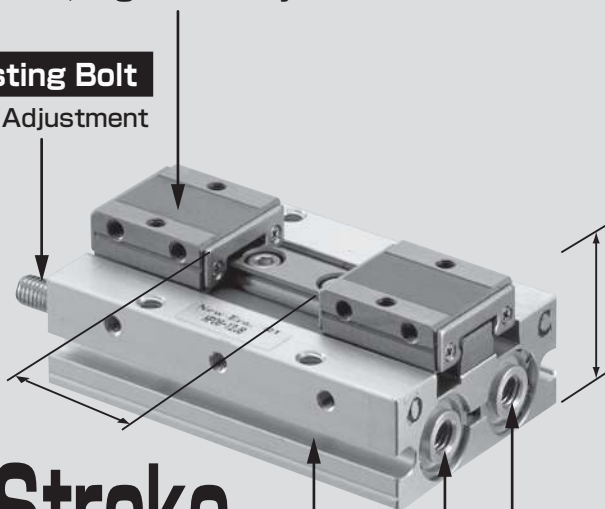


Linear Bearing

- ◆ Withstand load, withstand moment (high rigidity)
- ◆ High accuracy

Stroke Adjusting Bolt

- ◆ Lever Stroke Adjustment



Ultrathin Type

Long Stroke

- ◆ 100 mm at the maximum

High Grip Force

- ◆ Double Piston

Sensor Groove

■ Model Code No.

HP06 - 14 JA - S ※ ZE135 A 2

Series Name

Bore Size

6: 6mm
 8: 8mm
 12: 12mm
 14: 14mm
 18: 18mm
 25: 25mm

Adjustment Direction

No code: No stroke adjustment
 JA: Opening direction adjustment
 JB: Closing direction adjustment
 JC: Opening/closing direction adjustment

Stroke

S: Short type
 L: Long type

Number of
Switches

1: 1 Switch
 2: 2 Switches

Switch Lead
Wire Length

A: 1 m
 B: 3 m

● Switch Type No Code: No Switch

ZE135

ES13

2 Wire System Solid State Switch, Straight Type

ZE235

ES23

2 Wire System Solid State Switch, L-shaped

ZE155

ES(P)15

3 Wire System Solid State Switch, Straight Type

ZE255

ES(P)25

3 Wire System Solid State Switch, L-shaped



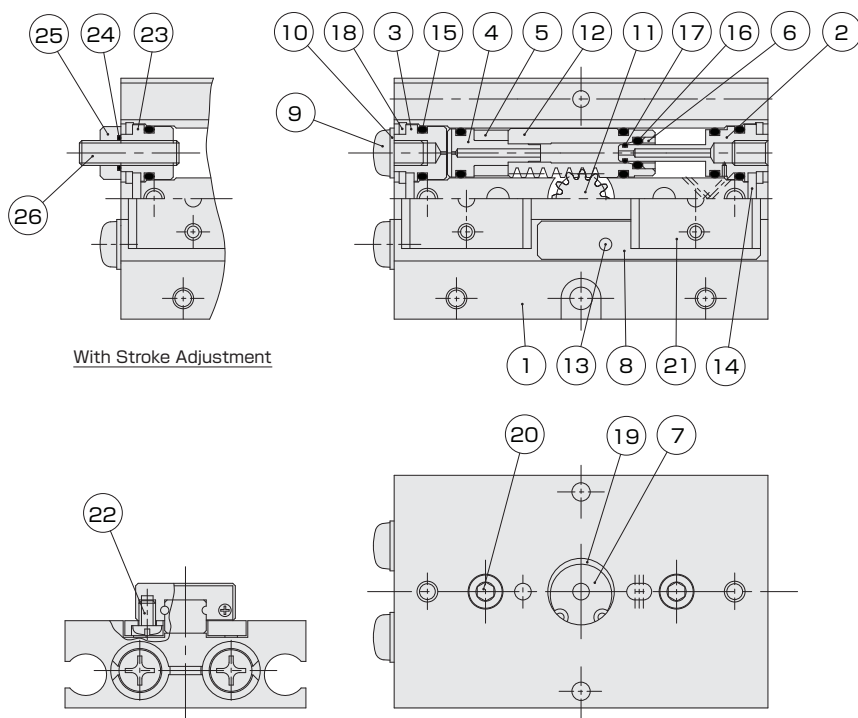
● Switch details → P.521 ~ 528

List of HP06 Series Model Changes

Model	Old Model	Remarks	Model	Old Model	Remarks
HP06-6-S	HP06-6	Model change	HP06-14-S	HP06-14-S	No change
HP06-6JA-S	HP06-6JA		HP06-14JA-S	HP06-14JA-S	
HP06-6JB-S	HP06-6JB		HP06-14JB-S	HP06-14JB-S	
HP06-6JC-S	HP06-6JC		HP06-14JC-S	HP06-14JC-S	
HP06-6-L	—	Model upgrading and expanding	HP06-14-L	HP06-14-L	No change
HP06-6JA-L	—		HP06-14JA-L	HP06-14JA-L	
HP06-6JB-L	—		HP06-14JB-L	HP06-14JB-L	
HP06-6JC-L	—		HP06-14JC-L	HP06-14JC-L	
HP06-8-S	HP06-8	Model change	HP06-18-S	HP06-18-S	No change
HP06-8JA-S	HP06-8JA		HP06-18JA-S	HP06-18JA-S	
HP06-8JB-S	HP06-8JB		HP06-18JB-S	HP06-18JB-S	
HP06-8JC-S	HP06-8JC		HP06-18JC-S	HP06-18JC-S	
HP06-8-L	—	Model upgrading and expanding	HP06-18-L	HP06-18-L	No change
HP06-8JA-L	—		HP06-18JA-L	HP06-18JA-L	
HP06-8JB-L	—		HP06-18JB-L	HP06-18JB-L	
HP06-8JC-L	—		HP06-18JC-L	HP06-18JC-L	
HP06-12-S	HP06-12	Model change	HP06-25-S	—	Model upgrading and expanding
HP06-12JA-S	HP06-12JA		HP06-25JA-S	—	
HP06-12JB-S	HP06-12JB		HP06-25JB-S	—	
HP06-12JC-S	HP06-12JC		HP06-25JC-S	—	
HP06-12-L	—	Model upgrading and expanding	HP06-25-L	—	Model upgrading and expanding
HP06-12JA-L	—		HP06-25JA-L	—	
HP06-12JB-L	—		HP06-25JB-L	—	
HP06-12JC-L	—		HP06-25JC-L	—	

Internal Structure Diagram

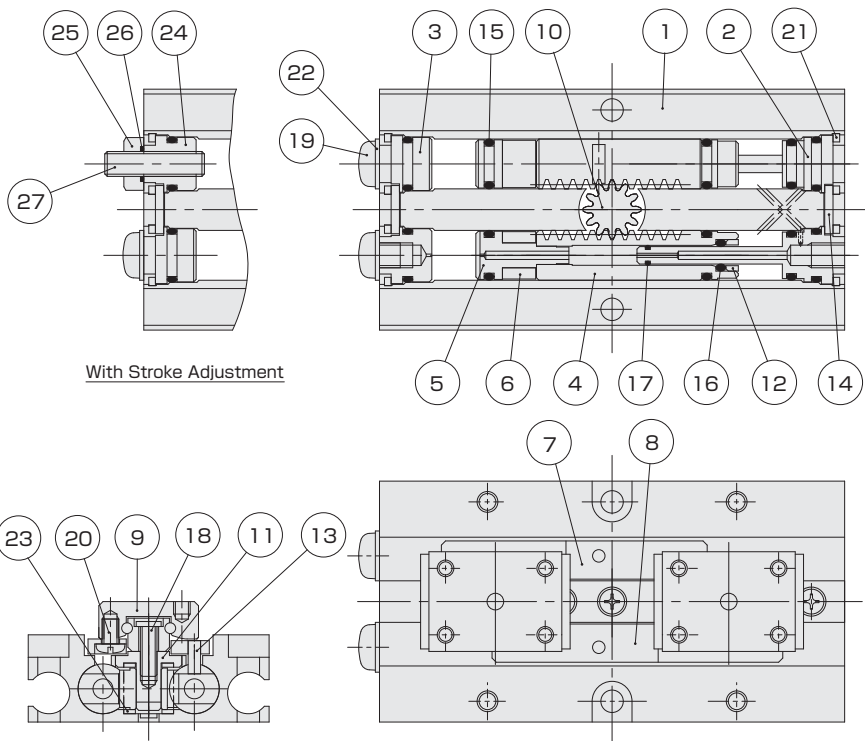
HP06-6□-S

**Parts List**

NO	Name	Material	NO	Name	Material
1	Main Body	Aluminum Alloy	14	Roller	Carbon Steel
2	Head Cover	Aluminum Alloy	15	O Ring	NBR
3	Head Cover	Aluminum Alloy	16	O Ring	NBR
4	Piston	Stainless Steel	17	O Ring	NBR
5	Magnet	Magnetic body	18	Hole Locating Snap Ring	Carbon Tool Steel
6	Pressure Cover	Aluminum Alloy	19	Hole Locating Snap Ring	Carbon Tool Steel
7	Pressure Cover	Stainless Steel	20	Hexagon Socket Head Bolt	Stainless Steel
8	Lever	Carbon Tool Steel	21	Bearing	Stainless Steel
9	Cross-recessed Head Screw	Stainless Steel	22	Cross-recessed Head Screw	Stainless Steel
10	Gasket	Soft Steel + NBR	23	Head Cover	Aluminum Alloy
11	Pinion Rod	Stainless Steel	24	O Ring	NBR
12	Rack Piston	Stainless Steel	25	Hexagon Nut	Stainless Steel
13	Roller	Carbon Steel	26	Hexagon Socket Head Setscrew	Chrome Molybdenum Steel

Internal Structure Diagram

HP06-6□-L

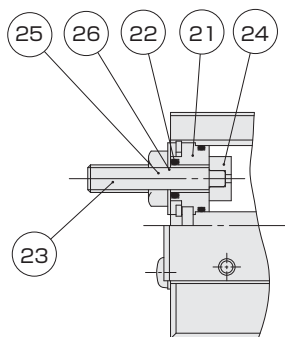
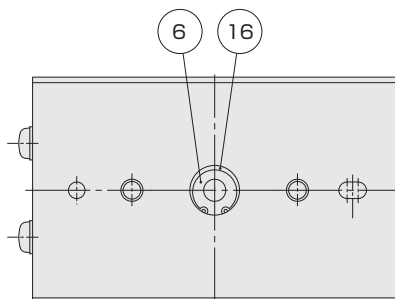
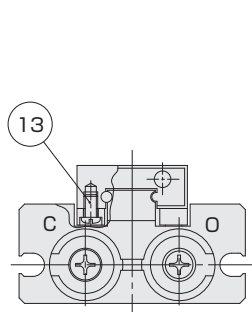
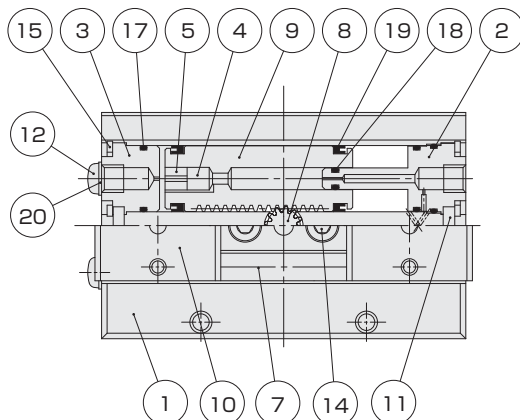


Parts List

NO	Name	Material	NO	Name	Material
1	Main Body	Aluminum Alloy	15	O Ring	NBR
2	Head Cover	Aluminum Alloy	16	O Ring	NBR
3	Head Cover	Aluminum Alloy	17	O Ring	NBR
4	Rack Piston	Stainless Steel	18	Cross-recessed Head Screw	Stainless Steel
5	Piston	Stainless Steel	19	Cross-recessed Head Screw	Stainless Steel
6	Magnet	Magnetic body	20	Cross-recessed Head Screw	Stainless Steel
7	Lever	Carbon Tool Steel	21	Hole Locating Snap Ring	Carbon Tool Steel
8	Lever	Carbon Tool Steel	22	Gasket	Soft Steel + NBR
9	Bearing	Stainless Steel	23	Washer	Resin
10	Pinion	Stainless Steel	24	Head Cover	Aluminum Alloy
11	Rod	Stainless Steel	25	Hexagon Nut	Stainless Steel
12	Pressure Cover	Aluminum Alloy	26	O Ring	NBR
13	Roller	Carbon Steel	27	Hexagon Socket Head Setscrew	Chrome Molybdenum Steel
14	Roller	Carbon Steel			

Internal Structure Diagram

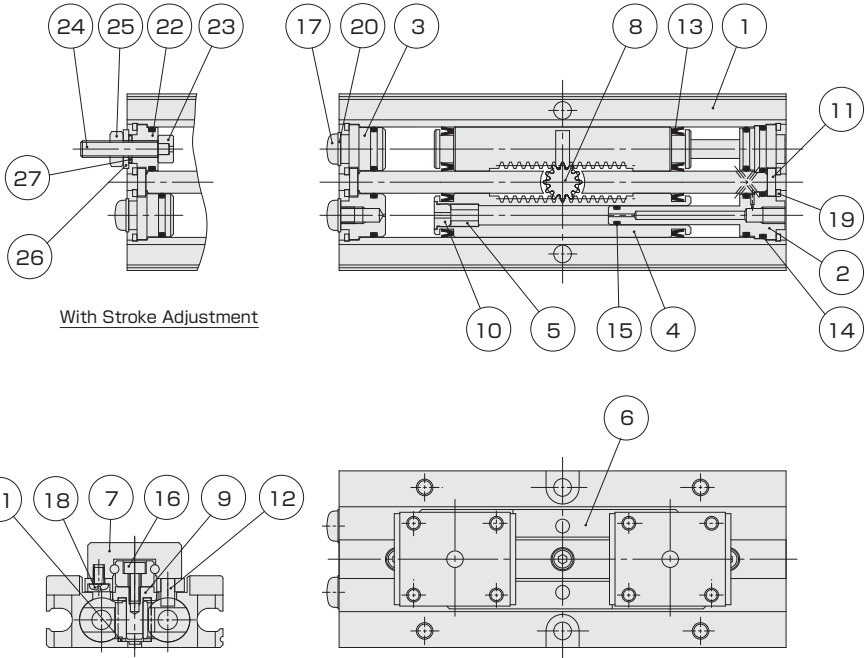
HP06-8□-S

With Stroke Adjustment**Parts List**

NO	Name	Material	NO	Name	Material
1	Main Body	Aluminum Alloy	14	Hexagon Socket Head Bolt	Stainless Steel
2	Head Cover	Aluminum Alloy	15	Hole Locating Snap Ring	Stainless Steel
3	Head Cover	Aluminum Alloy	16	Hole Locating Snap Ring	Carbon Tool Steel
4	Magnet	Magnetic body	17	O Ring	NBR
5	Pressure Cover	Aluminum Alloy	18	O Ring	NBR
6	Pressure Cover	Stainless Steel	19	Packing	NBR
7	Lever	Carbon Steel	20	Gasket	Soft Steel + NBR
8	Pinion Rod	Stainless Steel	21	Head Cover	Aluminum Alloy
9	Rack Piston	Stainless Steel	22	O Ring	NBR
10	Bearing	Stainless Steel	23	Hexagon Socket Head Setscrew	Chrome Molybdenum Steel
11	Roller	Carbon Steel	24	Pressure Cover	Stainless Steel
12	Cross-recessed Head Screw	Stainless Steel	25	Hexagon Nut	Soft Steel
13	Cross-recessed Head Screw	Stainless Steel	26	Plain Washer	Soft Steel

Internal Structure Diagram

HP06-8□-L

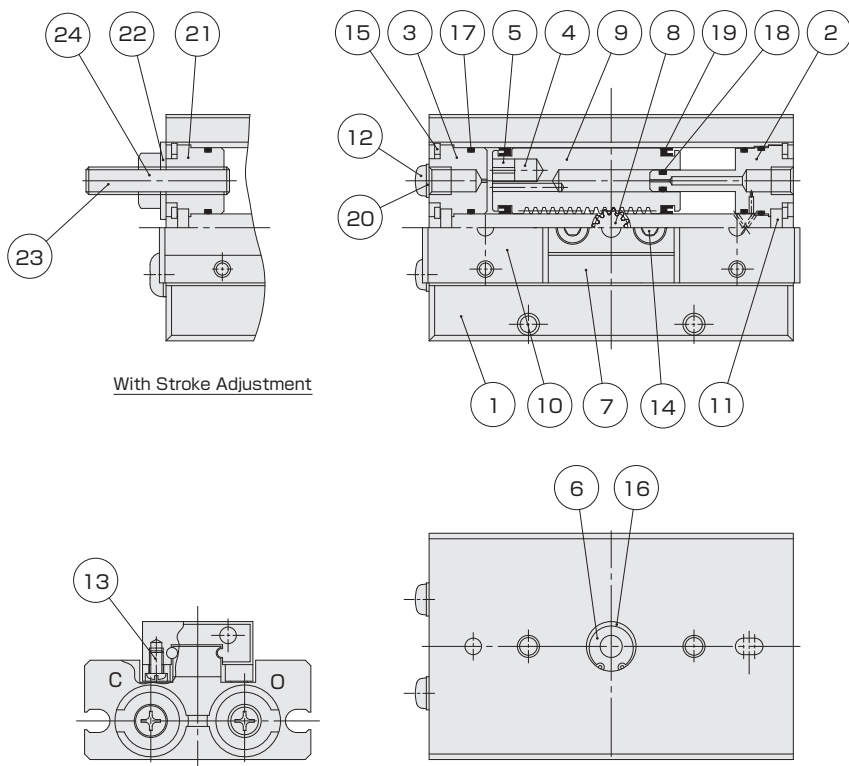


Parts List

NO	Name	Material	NO	Name	Material
1	Main Body	Aluminum Alloy	15	O Ring	NBR
2	Head Cover	Aluminum Alloy	16	Hexagon Socket Head Bolt	Stainless Steel
3	Head Cover	Aluminum Alloy	17	Cross-recessed Head Screw	Stainless Steel
4	Rack Piston	Stainless Steel	18	Cross-recessed Head Screw	Stainless Steel
5	Magnet	Magnetic body	19	Hole Locating Snap Ring	Stainless Steel
6	Lever	Carbon Tool Steel	20	Gasket	Soft Steel + NBR
7	Bearing	Stainless Steel	21	Washer	Resin
8	Pinion	Stainless Steel	22	Head Cover	Aluminum Alloy
9	Rod	Stainless Steel	23	Pressure Cover	Stainless Steel
10	Pressure Cover	Stainless Steel	24	Hexagon Socket Head Setscrew	Chrome Molybdenum Steel
11	Roller	Carbon Steel	25	Hexagon Nut	Soft Steel
12	Roller	Stainless Steel	26	Plain Washer	Soft Steel
13	Packing	NBR	27	O Ring	NBR
14	O Ring	NBR			

Internal Structure Diagram

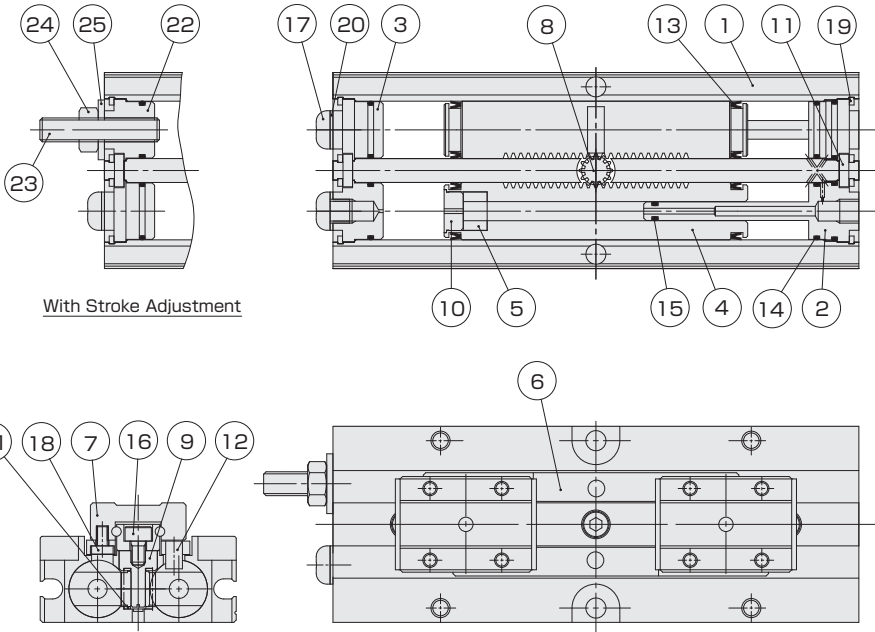
HP06-12□-S

**Parts List**

NO	Name	Material	NO	Name	Material
1	Main Body	Aluminum Alloy	13	Cross-recessed Head Screw	Stainless Steel
2	Head Cover	Aluminum Alloy	14	Hexagon Socket Head Bolt	Stainless Steel
3	Head Cover	Aluminum Alloy	15	Hole Locating Snap Ring	Carbon Tool Steel
4	Magnet	Magnetic body	16	Hole Locating Snap Ring	Carbon Tool Steel
5	Pressure Cover	Aluminum Alloy	17	O Ring	NBR
6	Pressure Cover	Stainless Steel	18	O Ring	NBR
7	Lever	Carbon	19	Packing	NBR
8	Pinion Rod	Stainless Steel	20	Gasket	Soft Steel + NBR
9	Rack Piston	Stainless Steel	21	Head Cover	Aluminum Alloy
10	Bearing	Stainless Steel	22	Fastener Seal	Soft Steel + NBR
11	Roller	Carbon Steel	23	Hexagon Socket Head Setscrew	Chrome Molybdenum Steel
12	Cross-recessed Head Screw	Stainless Steel	24	Hexagon Nut	Soft Steel

Internal Structure Diagram

HP06-12□-L



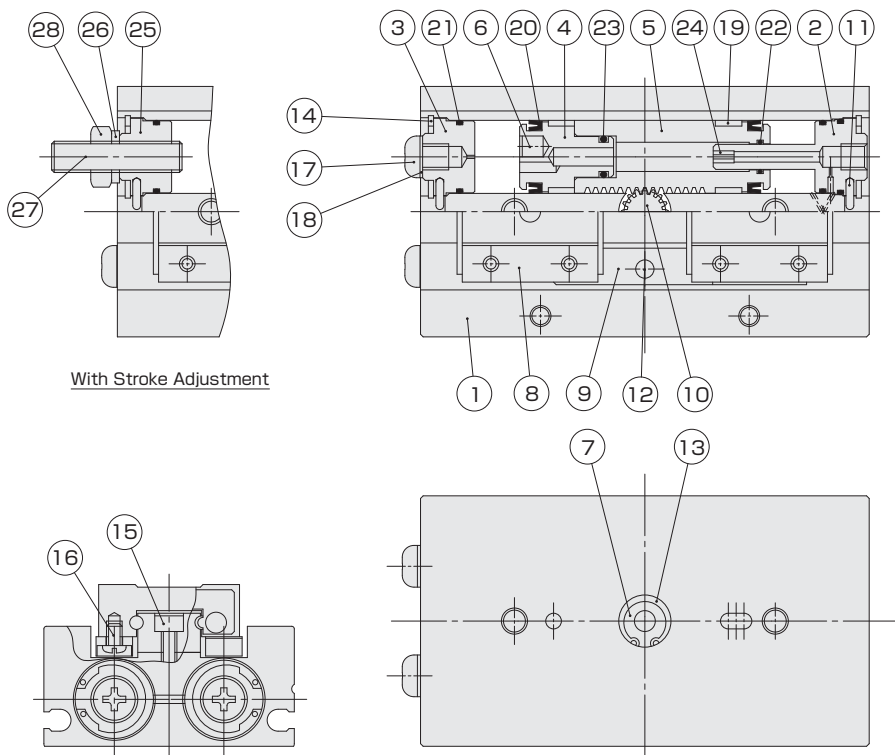
Parts List

NO	Name	Material	NO	Name	Material
1	Main Body	Aluminum Alloy	14	O Ring	NBR
2	Head Cover	Aluminum Alloy	15	O Ring	NBR
3	Head Cover	Aluminum Alloy	16	Hexagon Socket Head Bolt	Stainless Steel
4	Rack Piston	Stainless Steel	17	Cross-recessed Head Screw	Stainless Steel
5	Magnet	Magnetic body	18	Cross-recessed Head Screw	Stainless Steel
6	Lever	Carbon Tool Steel	19	Hole Locating Snap Ring	Carbon Tool Steel
7	Bearing	Stainless Steel	20	Gasket	Soft Steel + NBR
8	Pinion	Stainless Steel	21	Washer	Resin
9	Rod	Stainless Steel	22	Head Cover	Aluminum Alloy
10	Pressure Cover	Stainless Steel	23	Hexagon Socket Head Setscrew	Chrome Molybdenum Steel
11	Roller	Carbon Steel	24	Hexagon Nut	Soft Steel
12	Roller	Stainless Steel	25	Fastener Seal	Soft Steel + NBR
13	Packing	NBR			

Internal Structure Diagram

HP06-14 □ □

HP06-18 □ □

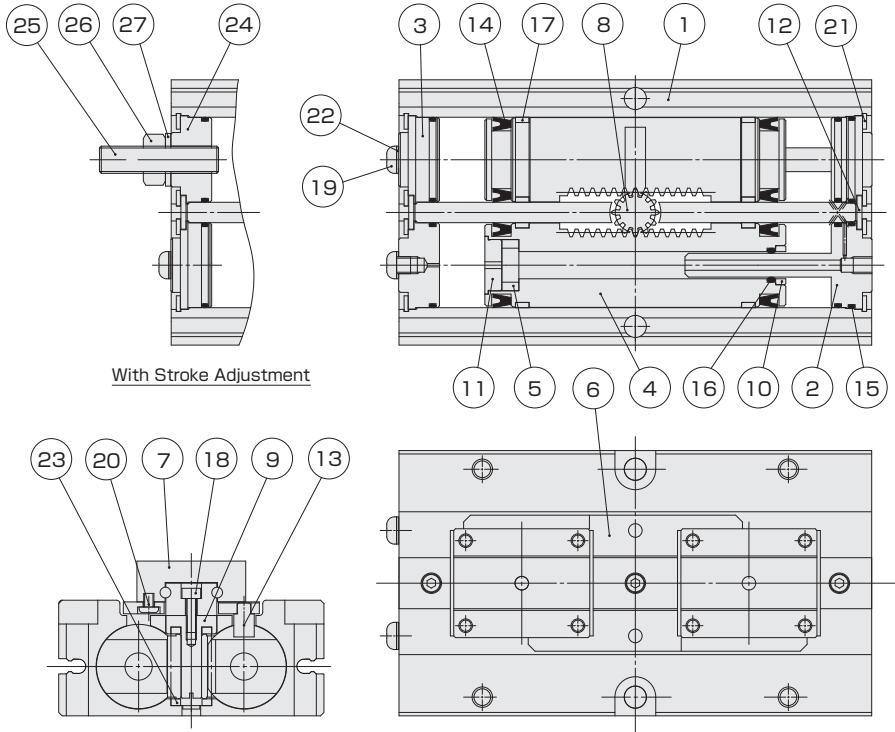
**Parts List**

NO	Name	Material	NO	Name	Material
1	Main Body	Aluminum Alloy	15	Hexagon Socket Head Bolt	Chrome Molybdenum Steel
2	Head Cover	Aluminum Alloy	16	Hexagon Socket Head Bolt	Chrome Molybdenum Steel
3	Head Cover	Aluminum Alloy	17	Cross-recessed Head Screw	Stainless Steel
4	Piston	Stainless Steel	18	Gasket	Soft Steel + NBR
5	Rack	Stainless Steel	19	Wearing	Resin
6	Magnet	Magnetic body	20	Packing	NBR
7	Pressure Cover	Aluminum Alloy	21	O Ring	NBR
8	Bearing	Stainless Steel	22	O Ring	NBR
9	Lever	Carbon Steel	23	O Ring	NBR
10	Pinion Rod	Carbon Steel	24	Fixed Drawing	Aluminum Alloy
11	Roller	Carbon Steel	25	Head Cover	Aluminum Alloy
12	Roller	Carbon Steel	26	Fastener Seal	Soft Steel + NBR
13	Hole Locating Snap Ring	Carbon Tool Steel	27	Hexagon Socket Head Setscrew	Chrome Molybdenum Steel
14	Hole Locating Snap Ring	Carbon Tool Steel	28	Hexagon Nut	Soft Steel

Note) only HP06-14 □-S type, the roller (No.12) will be integrated with the lever (No.9) .

Internal Structure Diagram

HP06-25□-□



Parts List

NO	Name	Material	NO	Name	Material
1	Main Body	Aluminum Alloy	15	O Ring	NBR
2	Head Cover	Aluminum Alloy	16	O Ring	NBR
3	Head Cover	Aluminum Alloy	17	Wearing	Resin
4	Rack Piston	Stainless Steel	18	Hexagon Socket Head Bolt	Stainless Steel
5	Magnet	Magnetic body	19	Cross-recessed Head Screw	Stainless Steel
6	Lever	Carbon Tool Steel	20	Cross-recessed Head Screw	Stainless Steel
7	Bearing	Stainless Steel	21	Hole Locating Snap Ring	Carbon Tool Steel
8	Pinion	Stainless Steel	22	Gasket	Soft Steel + NBR
9	Rod	Stainless Steel	23	Washer	Resin
10	Pressure Cover	Aluminum Alloy	24	Head Cover	Aluminum Alloy
11	Pressure Cover	Stainless Steel	25	Hexagon Socket Head Setscrew	Chrome Molybdenum Steel
12	Roller	Carbon Steel	26	Hexagon Nut	Soft Steel
13	Roller	Stainless Steel	27	Fastener Seal	Soft Steel + NBR
14	Packing	NBR			

Specifications

Item	Model	HP06-6※-S	HP06-6※-L	HP06-8※-S	HP06-8※-L	HP06-12※-S	HP06-12※-L
Action Type	Double Acting						
Fluid	Air						
Bore Size	[mm]	φ6×2		φ8×2		φ12×2	
Effective Gripping Force	Note1) [N]	12		16.7		44	
Opening/Closing Stroke	[mm]	12	20	16	34	22	50
Operating Pressure	[MPa]	0.2~0.7				0.15~0.7	
Proof Pressure	[MPa]	1.05					
Operating Temperature	[℃]	0~60 (No Freezing)					
Lubrication		Required		Not Required (Required for sliding parts of the machine)			
Pipe Bore		M3×0.5				M5×0.8	
Maximum Operating Cycle	[Cycle/min]	120					
Repeat Accuracy	[mm]	±0.07	±0.05	±0.07	±0.04	±0.07	±0.04
Applicable Switch		ZE, ES Type (Solid State Switch)					

Item	Model	HP06-14※-S	HP06-14※-L	HP06-18※-S	HP06-18※-L	HP06-25※-S	HP06-25※-L
Action Type		Double Acting					
Fluid		Air					
Bore Size	[mm]	φ14×2		φ18×2		φ25×2	
Effective Gripping Force	[N]	58.8		107.8		208.3	
Opening/Closing Stroke	[mm]	30	60	40	80	50	100
Operating Pressure	[MPa]	0.15~0.7					
Proof Pressure	[MPa]	1.05					
Operating Temperature	[℃]	0~60 (No Freezing)					
Lubrication		Not Required (Required for sliding parts of the machine)					
Pipe Bore		M5×0.8					
Maximum Operating Cycle	[Cycle/min]	100				80	60
Repeat Accuracy	[mm]	±0.07				±0.04	
Applicable Switch		ZE, ES Type (Solid State Switch)					

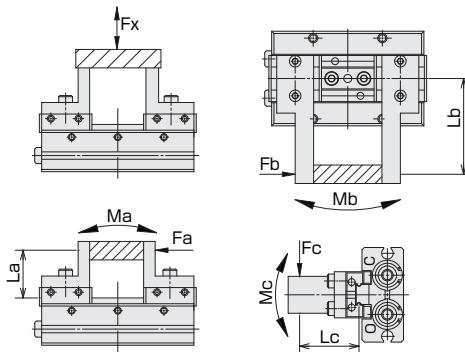
Note 1) This is the value when the grip point L is 30 mm and the pressure is 0.5 MPa.

Stroke Adjustment Distance and Weight

Model	Stroke Adjustment Distance [mm]	Mass[g]	Model	Stroke Adjustment Distance [mm]	Mass[g]
HP06-6-S	No Adjustment Mechanism	52	HP06-14-S	No Adjustment Mechanism	390
HP06-6JA-S	Opening Direction Stroke Adjustment Distance:0~6	52	HP06-14JA-S	Opening Direction Stroke Adjustment Distance:0~15	395
HP06-6JB-S	Closing Direction Stroke Adjustment Distance:0~6	52	HP06-14JB-S	Closing Direction Stroke Adjustment Distance:0~15	395
HP06-6JC-S	Opening/Closing Direction Stroke Adjustment Distance:0~6	52	HP06-14JC-S	Opening/Closing Direction Stroke Adjustment Distance:0~15	400
HP06-6-L	No Adjustment Mechanism	60	HP06-14-L	No Adjustment Mechanism	580
HP06-6JA-L	Opening Direction Stroke Adjustment Distance:0~6	60	HP06-14JA-L	Opening Direction Stroke Adjustment Distance:0~15	585
HP06-6JB-L	Closing Direction Stroke Adjustment Distance:0~6	60	HP06-14JB-L	Closing Direction Stroke Adjustment Distance:0~15	585
HP06-6JC-L	Opening/Closing Direction Stroke Adjustment Distance:0~6	60	HP06-14JC-L	Opening/Closing Direction Stroke Adjustment Distance:0~15	590
HP06-8-S	No Adjustment Mechanism	86	HP06-18-S	No Adjustment Mechanism	690
HP06-8JA-S	Opening Direction Stroke Adjustment Distance:0~8	87	HP06-18JA-S	Opening Direction Stroke Adjustment Distance:0~15	700
HP06-8JB-S	Closing Direction Stroke Adjustment Distance:0~8	87	HP06-18JB-S	Closing Direction Stroke Adjustment Distance:0~15	700
HP06-8JC-S	Opening/Closing Direction Stroke Adjustment Distance:0~8	88	HP06-18JC-S	Opening/Closing Direction Stroke Adjustment Distance:0~15	710
HP06-8-L	No Adjustment Mechanism	135	HP06-18-L	No Adjustment Mechanism	1020
HP06-8JA-L	Opening Direction Stroke Adjustment Distance:0~8	136	HP06-18JA-L	Opening Direction Stroke Adjustment Distance:0~15	1030
HP06-8JB-L	Closing Direction Stroke Adjustment Distance:0~8	136	HP06-18JB-L	Closing Direction Stroke Adjustment Distance:0~15	1030
HP06-8JC-L	Opening/Closing Direction Stroke Adjustment Distance:0~8	137	HP06-18JC-L	Opening/Closing Direction Stroke Adjustment Distance:0~15	1040
HP06-12-S	No Adjustment Mechanism	200	HP06-25-S	No Adjustment Mechanism	1520
HP06-12JA-S	Opening Direction Stroke Adjustment Distance:0~11	203	HP06-25JA-S	Opening Direction Stroke Adjustment Distance:0~25	1532
HP06-12JB-S	Closing Direction Stroke Adjustment Distance:0~11	203	HP06-25JB-S	Closing Direction Stroke Adjustment Distance:0~25	1532
HP06-12JC-S	Opening/Closing Direction Stroke Adjustment Distance:0~11	206	HP06-25JC-S	Opening/Closing Direction Stroke Adjustment Distance:0~25	1544
HP06-12-L	No Adjustment Mechanism	330	HP06-25-L	No Adjustment Mechanism	2320
HP06-12JA-L	Opening Direction Stroke Adjustment Distance:0~11	333	HP06-25JA-L	Opening Direction Stroke Adjustment Distance:0~25	2332
HP06-12JB-L	Closing Direction Stroke Adjustment Distance:0~11	333	HP06-25JB-L	Closing Direction Stroke Adjustment Distance:0~25	2332
HP06-12JC-L	Opening/Closing Direction Stroke Adjustment Distance:0~11	336	HP06-25JC-L	Opening/Closing Direction Stroke Adjustment Distance:0~25	2344

Note) Secure the lever stroke of 3 mm or more.

Allowable Load and Allowable Moment



$$Ma = Fx \times La$$

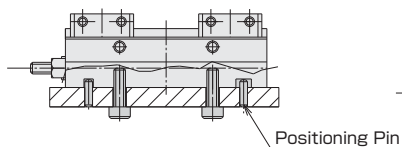
$$Mb = Fb \times Lb$$

$$Mc = Fc \times Lc$$

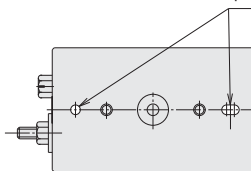
Model	Load and Moment	Fx [N]	Ma [N·m]	Mb [N·m]	Mc [N·m]
HP06-6※-※		12	0.04	0.04	0.08
HP06-8※-※		40	0.3	0.3	0.5
HP06-12※-※		120	1.0	1.0	2.0
HP06-14※-※		190	3.0	4.0	8.0
HP06-18※-※		210	4.0	5.0	8.0
HP06-25※-S		450	5.0	6.0	10.0
HP06-25※-L		550	8.0	9.0	16.0

Main Body Mounting Example

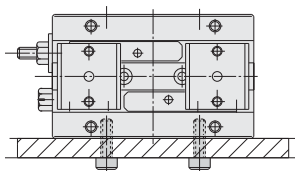
- 1** A bottom face mounting screw is used.



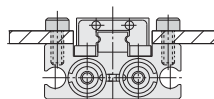
Positioning Hole:
These holes can be used for
positioning in mounting.



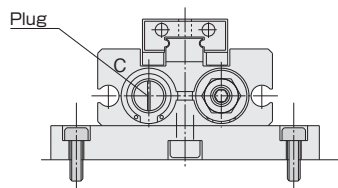
- 2** A side face mounting screw is used.



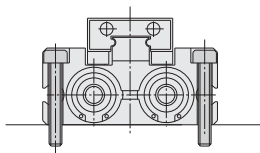
- 3** A lever side mounting screw is used.

**Through Mounting Hole (Made by Order)**

- We can make a through mounting hole according to your order.



Standard Specification



Through-Hole Specification

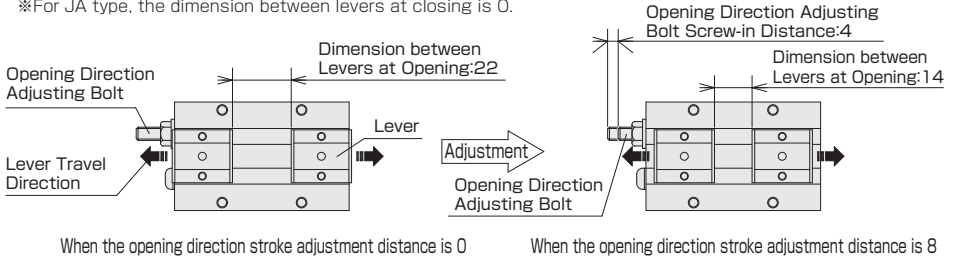
Available only for ZE235, ZE255, ES23 and ES(P)25

Where there is no space for screw insertion

Stroke Adjustment Example (Example: HP06-12J※-S)

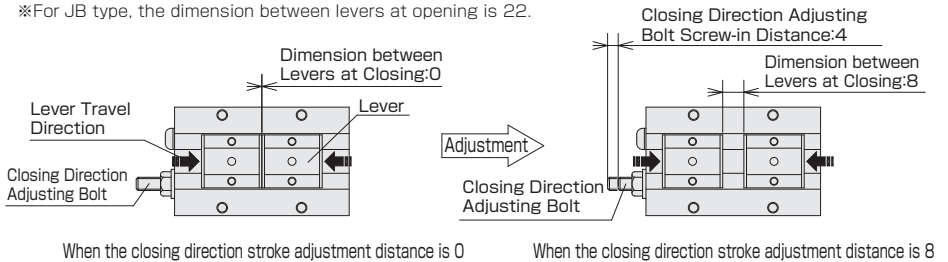
JA Type (Opening Direction Stroke Adjustment)

※For JA type, the dimension between levers at closing is 0.

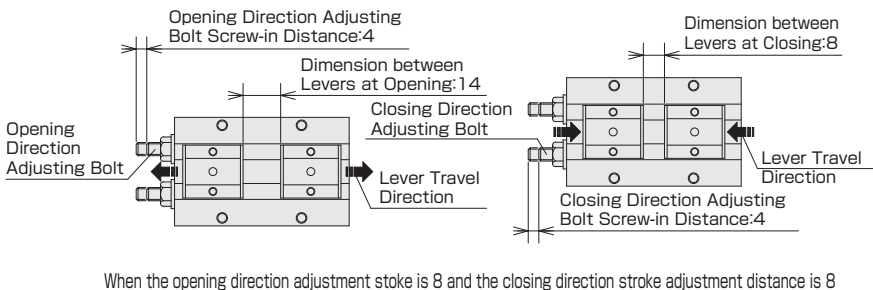


JB Type (Closing Direction Stroke Adjustment)

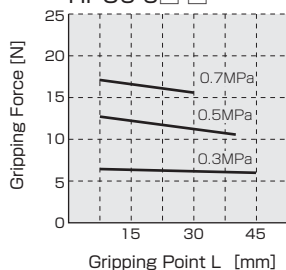
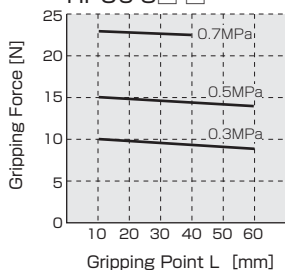
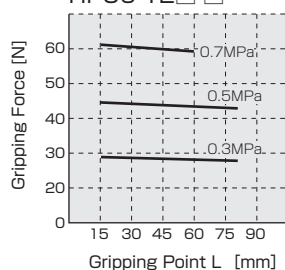
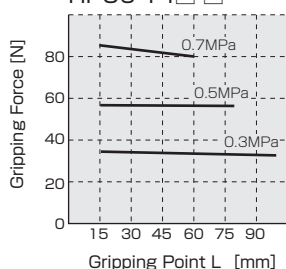
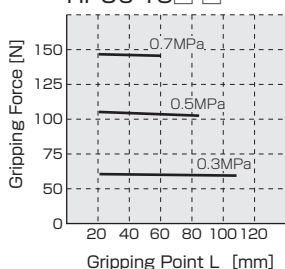
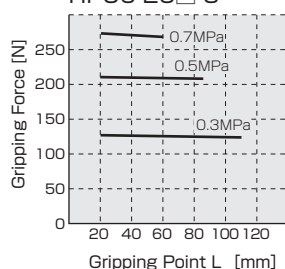
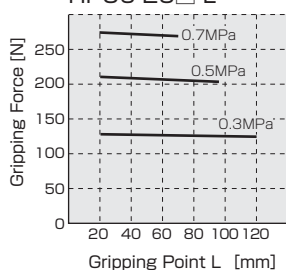
※For JB type, the dimension between levers at opening is 22.



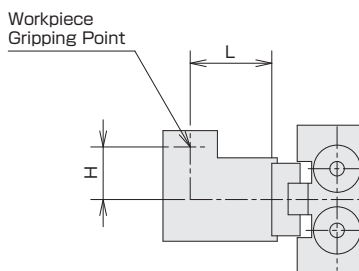
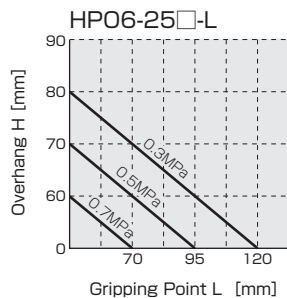
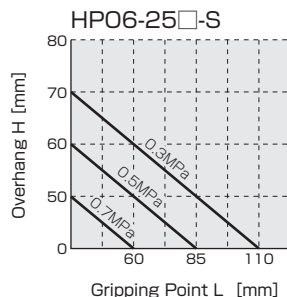
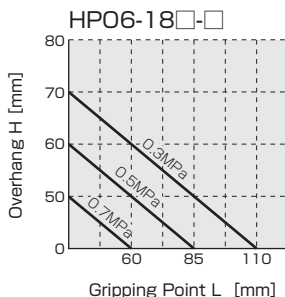
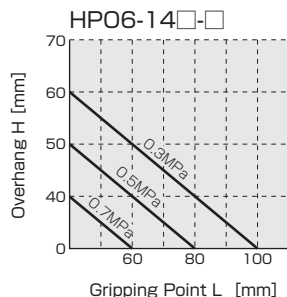
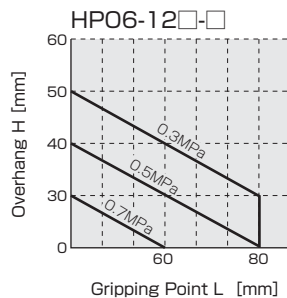
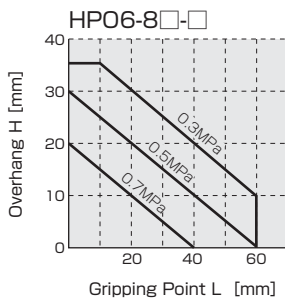
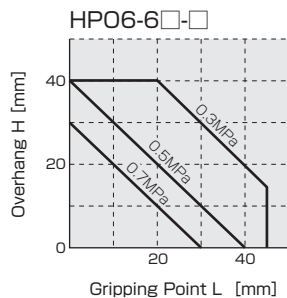
JC Type (Opening/Closing Direction Stroke Adjustment)



Note) The "distance between levers at opening" and the "distance between levers at closing" described in the figure above are nominal dimensions. In practice, they have a tolerance range. Check them in the outside dimension drawing of respective model.

Effective Gripping Force**HP06-6□-□****HP06-8□-□****HP06-12□-□****HP06-14□-□****HP06-18□-□****HP06-25□-S****HP06-25□-L**

■ Gripping Point Limit Range



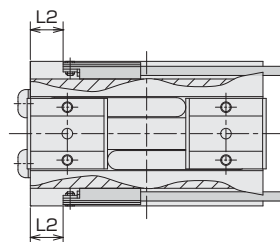
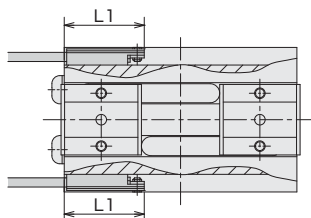
Switch Adjustment Position

※Reference values are shown in the table below.

※They are the adjustment positions when the levers are full open or full close.

Model	HP06-6 (Common in S and L)		HP06-8-S		HP06-8-L		HP06-12-S	
Switch Adjustment Position [mm]	L1 Opening/Closing	L2 Opening/Closing	L1 Opening/Closing	L2 Opening/Closing	L1 Opening/Closing	L2 Opening/Closing	L1 Opening/Closing	L2 Opening/Closing
	18.5	6	21	7.5	20	7	23.5	10

Model	HP06-12-L		HP06-14 (Common in S and L)		HP06-18 (Common in S and L)		HP06-25 (Common in S and L)	
Switch Adjustment Position [mm]	L1 Opening/Closing	L2 Opening/Closing	L1 Opening/Closing	L2 Opening/Closing	L1 Opening/Closing	L2 Opening/Closing	L1 Opening/Closing	L2 Opening/Closing
	21.5	9	19	6	20	7	26	13.5



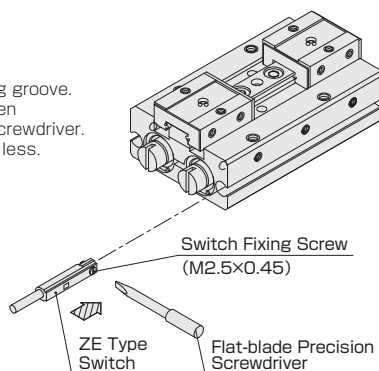
Switch Response Difference

Model	HP06-6 (Common in S and L)	HP06-8-S	HP06-8-L	HP06-12-S
Maximum Response Difference[mm]	0.2	0.5	0.3	0.5

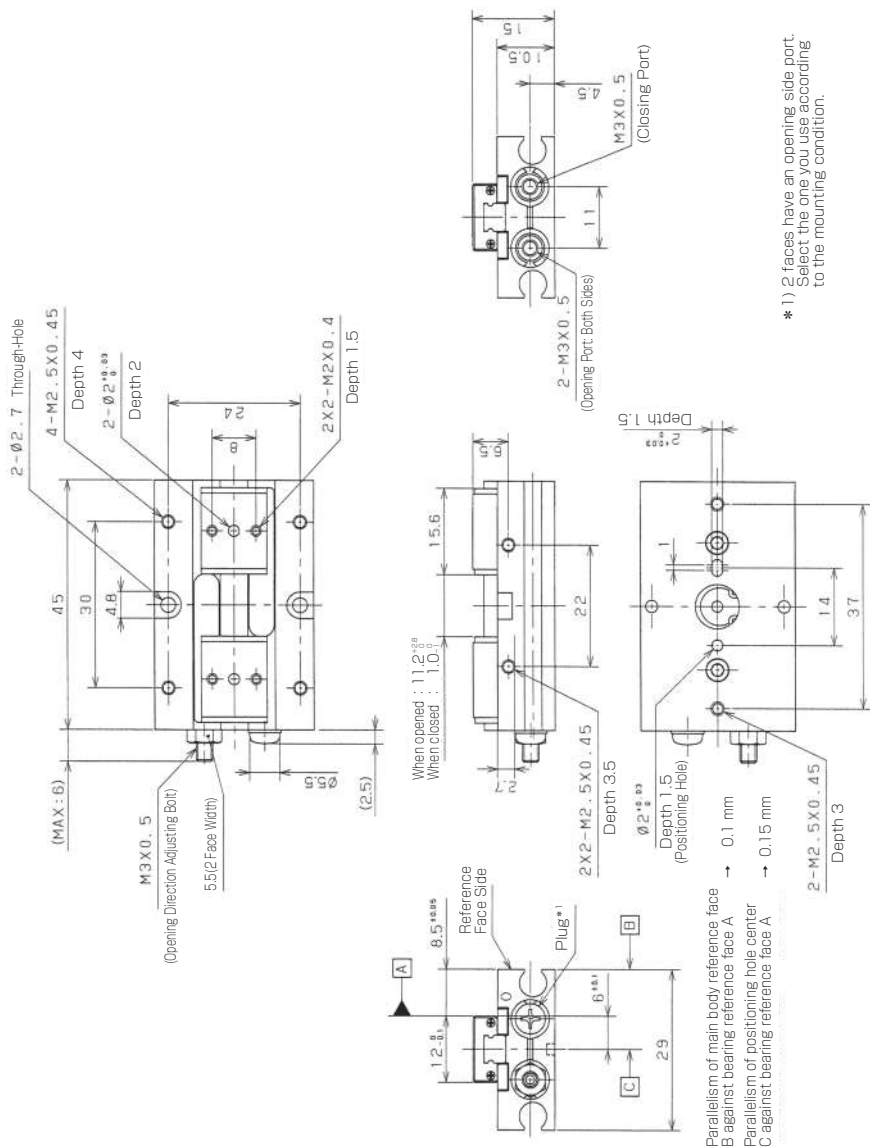
Model	HP06-12-L	HP06-14 (Common in S and L)	HP06-18 (Common in S and L)	HP06-25 (Common in S and L)
Maximum Response Difference[mm]	0.3	0.5	0.5	0.4

Switch Mounting

Insert the switch into the switch mounting groove.
After setting the mounting position, tighten
the switch fixing screw with a precision screwdriver.
The tightening torque shall be 0.1 N·m or less.



Dimensions **HP06-6JA-S**



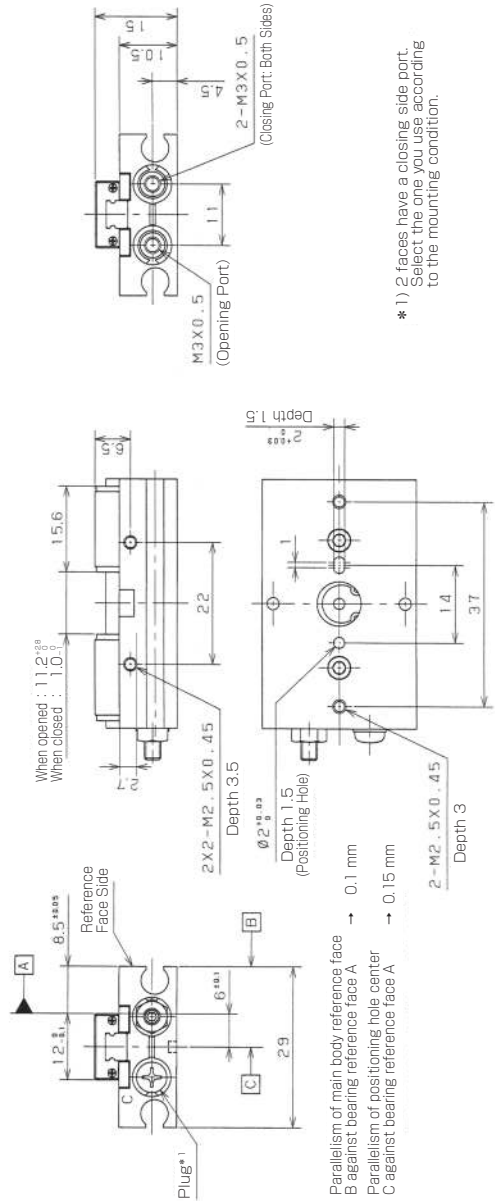
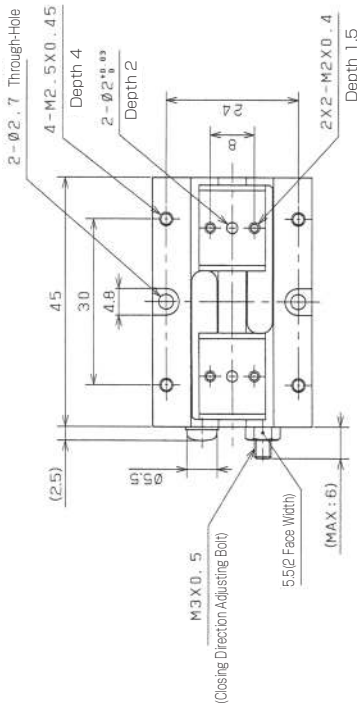
* 1) 2 faces have an opening side port.
Select the one you use according
to the mounting condition.

Dimensions

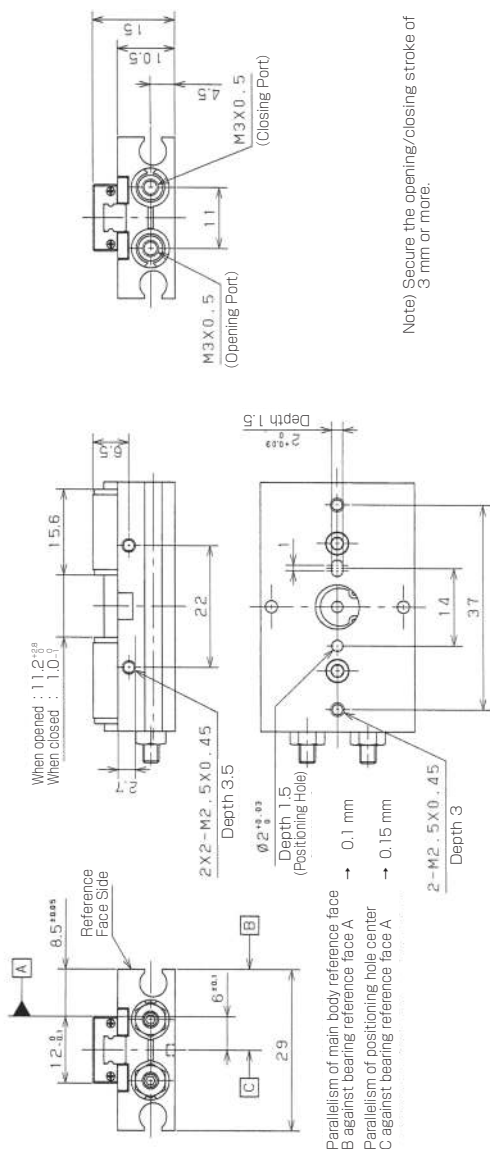
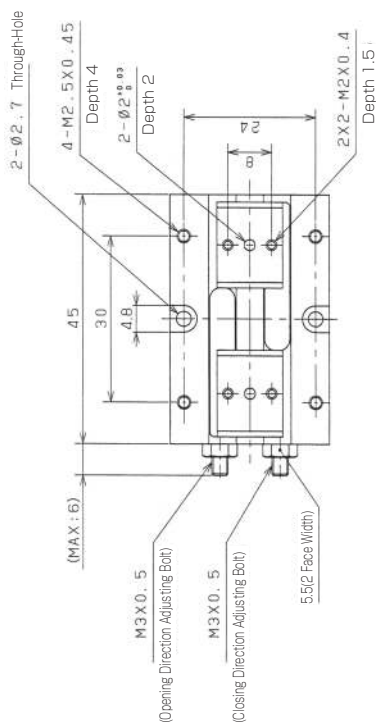
HP06-6JB-S

HP06 Series

Thin Parallel Linear Gripper



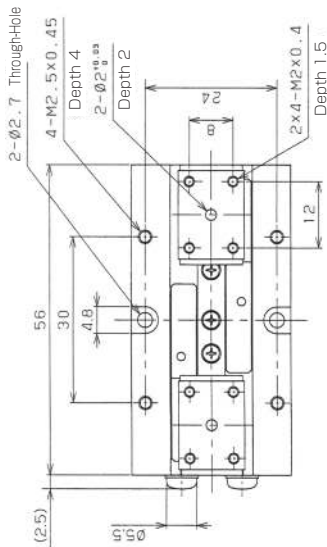
* 1) 2 faces have a closing side port.
Select the one you use according to the mounting condition.

Dimensions HP06-6JC-S

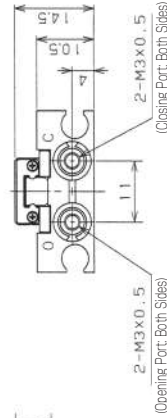
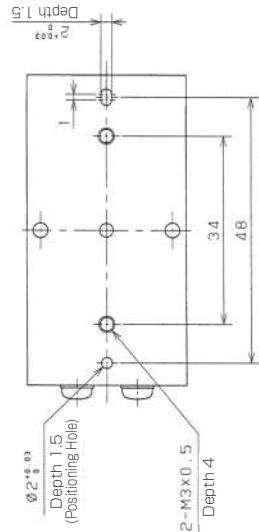
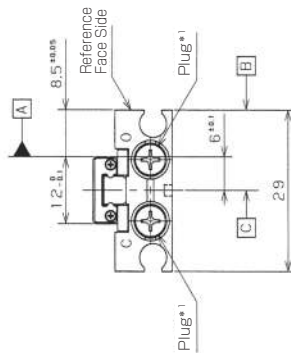
Dimensions HP06-6-L

HP06 Series

Thin Parallel Linear Gripper



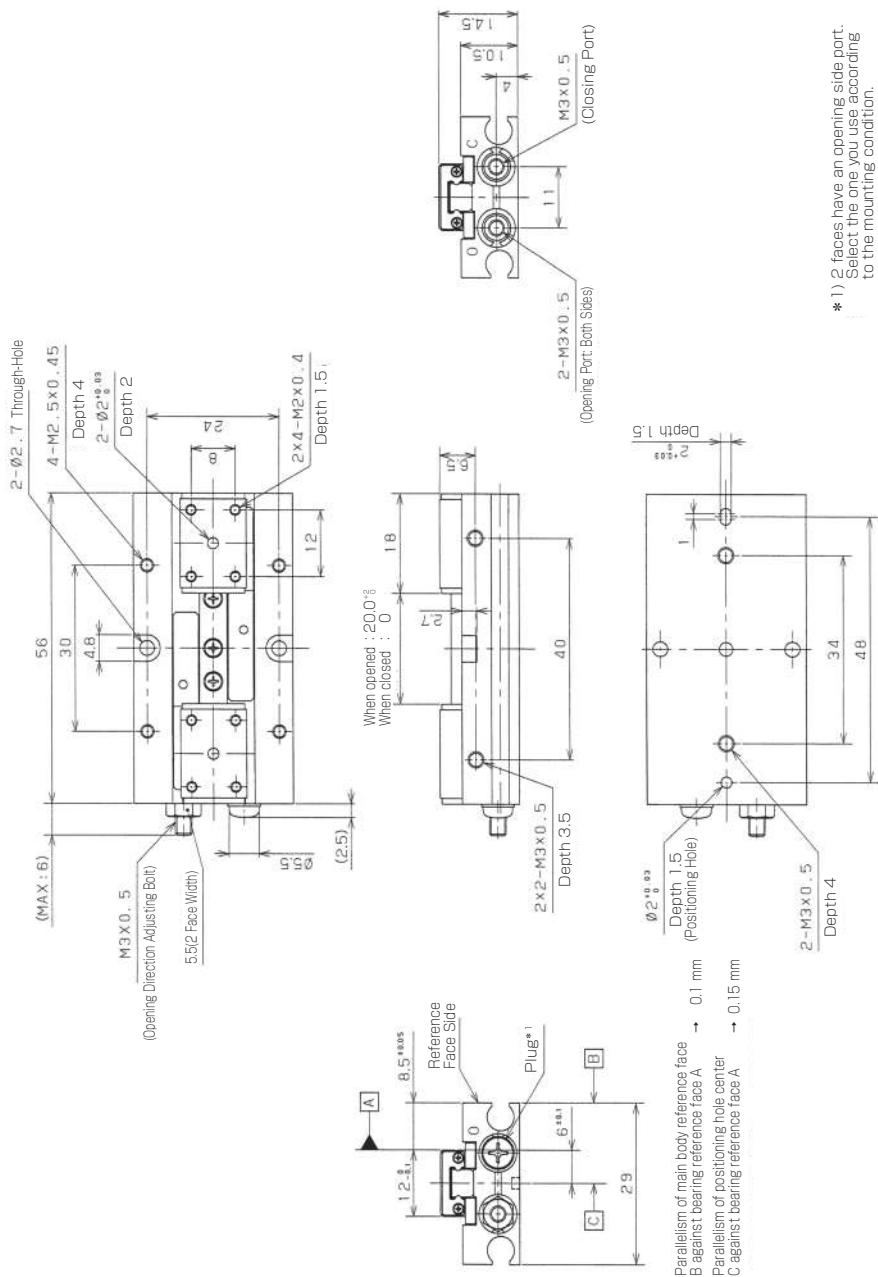
When opened : 20.0°
When closed : 0°



Parallelism of main body reference face B against bearing reference face A → 0.1 mm
Parallelism of positioning hole center C against bearing reference face A → 0.15 mm

* 1) 2 faces have an air port.
Select the one you use according to the mounting condition.

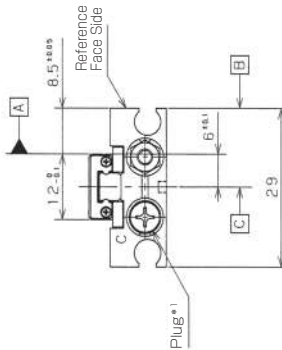
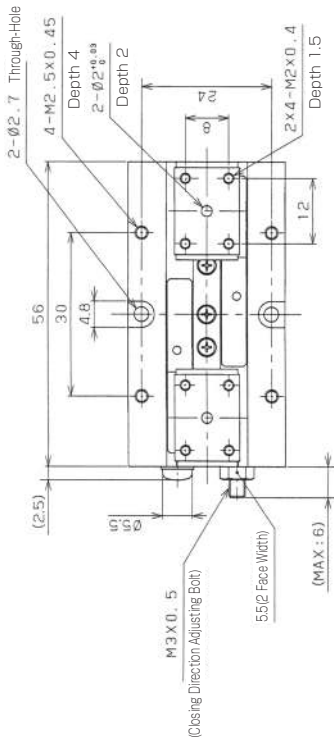
Dimensions



* 1) 2 faces have an opening side port.
Select the one you use according
to the mounting condition.

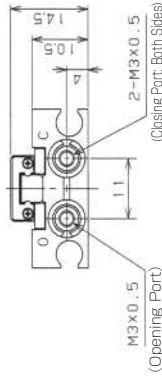
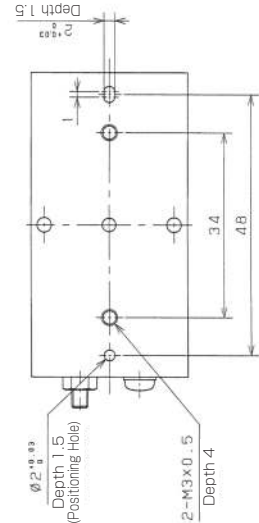
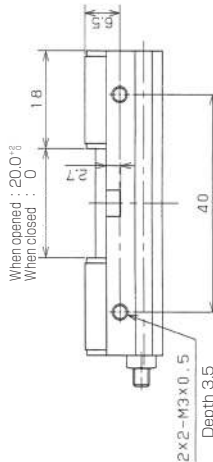
Dimensions

HP06-6JB-L

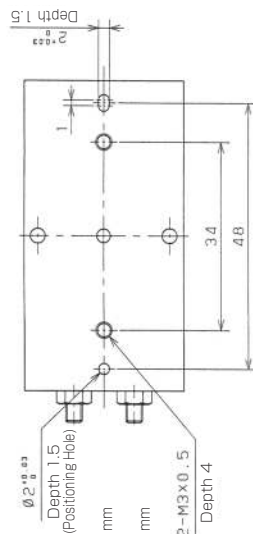
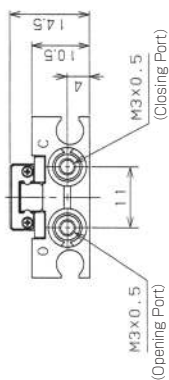
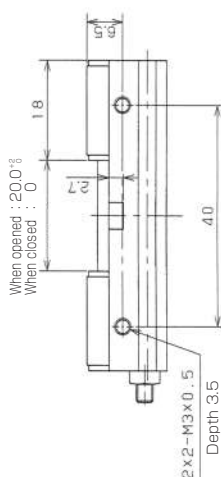
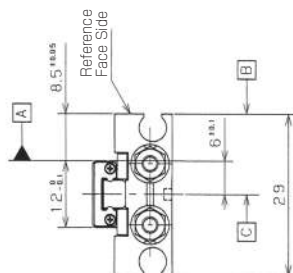
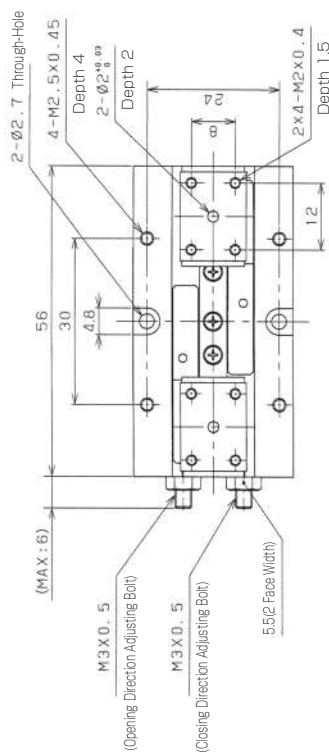


Parallelism of main body reference face B against bearing reference face A → 0.1 mm

Parallelism of positioning hole center C against bearing reference face A → 0.15 mm



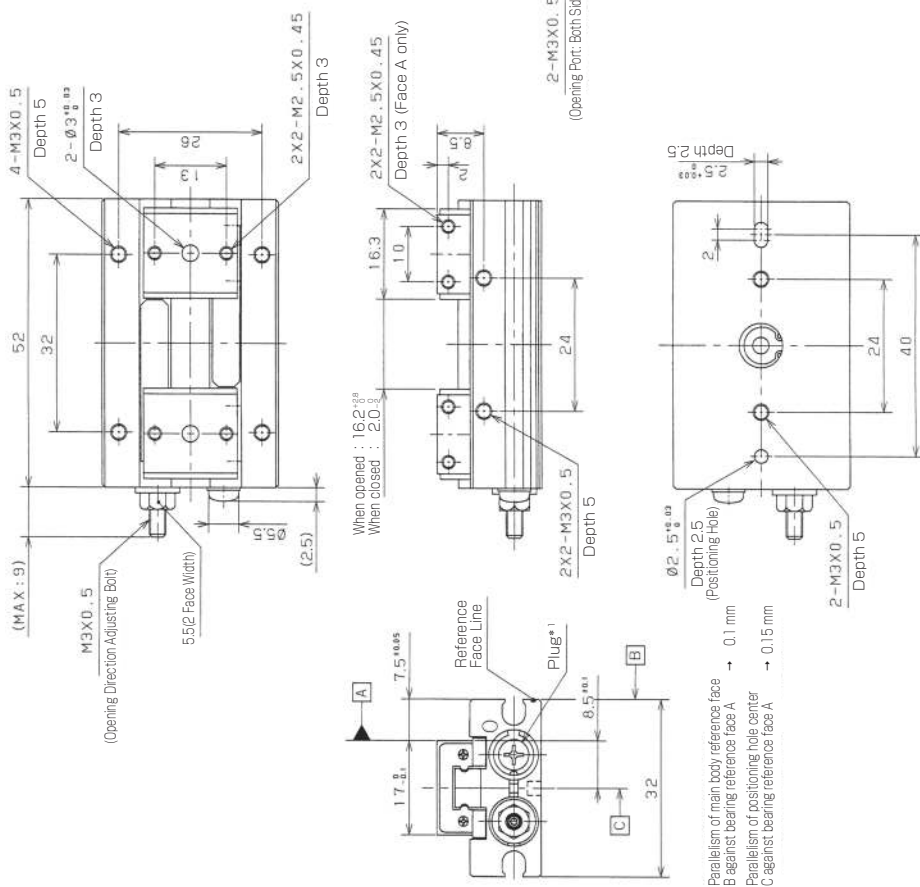
* 1) 2 faces have a closing side port.
Select the one you use according
to the mounting condition.

Dimensions HP06-6JC-L

Parallelism of main body reference face
 B against bearing reference face A
 Parallelism of positioning hole center
 C against bearing reference face A

→ 0.1 mm
 → 0.15 mm

Note) Secure the opening/closing stroke of
 3 mm or more.

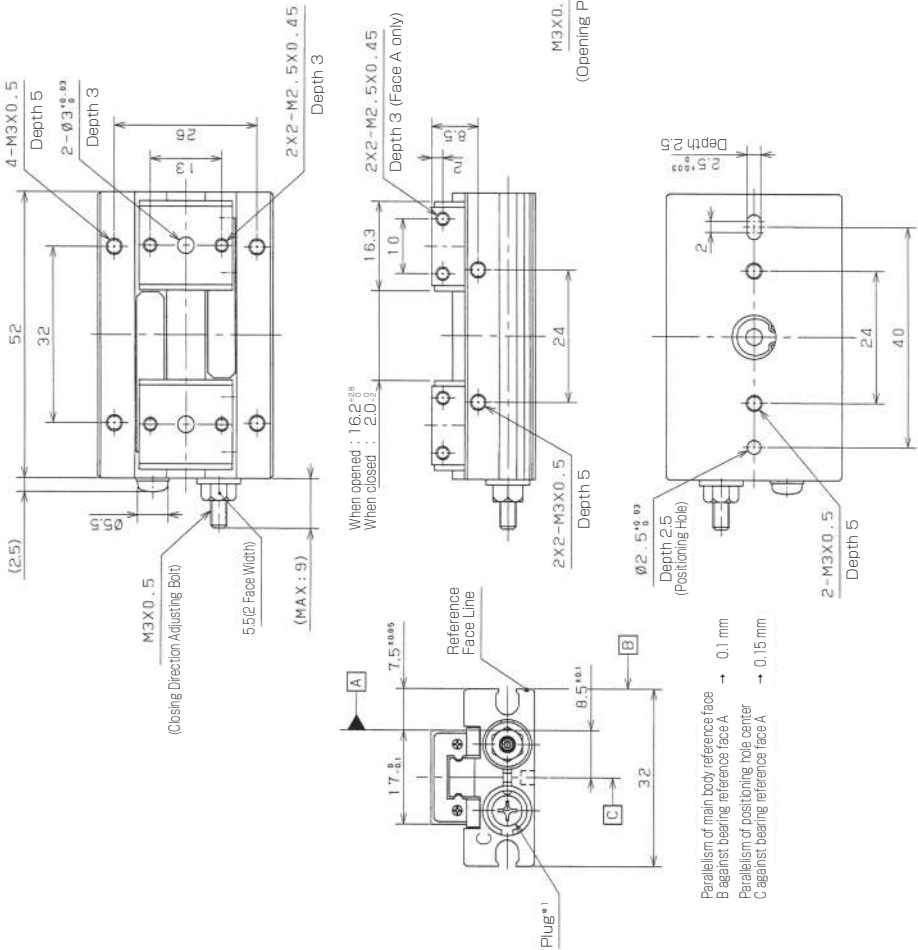
Dimensions HP06-8JA-S

Dimensions

HP06-8JB-S

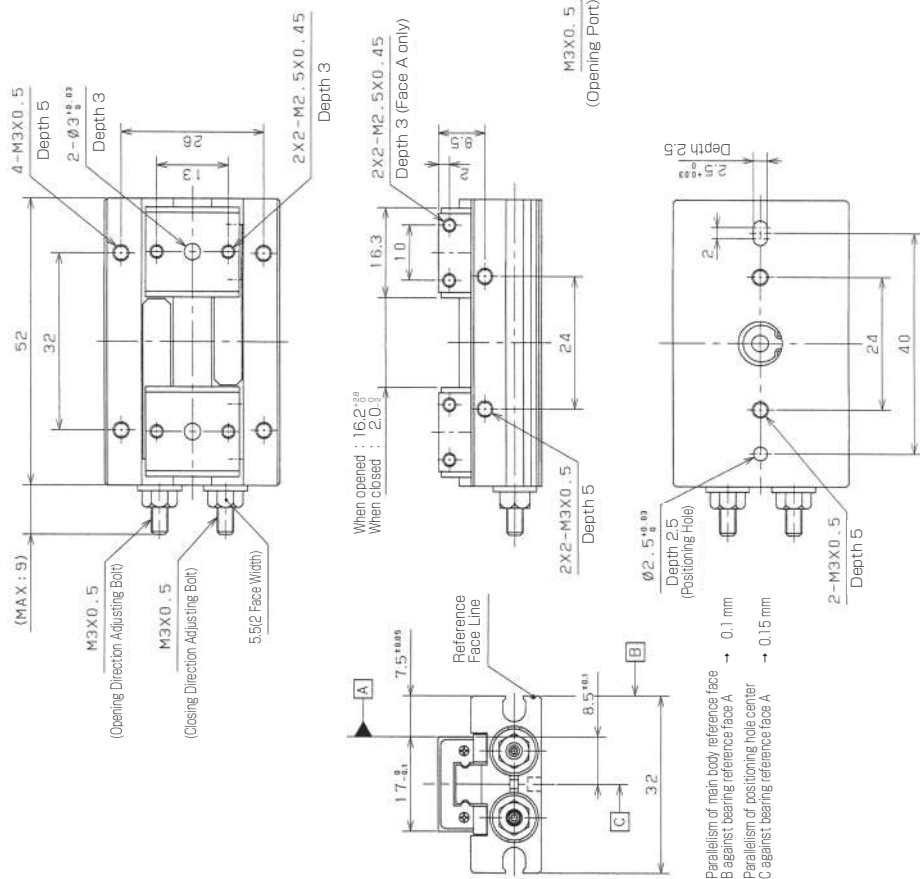
HP06 Series

Thin Parallel Linear Gripper



* 1) 2 faces have a closing side port.
Select the one you just according
to the mounting condition.

Dimensions



Note) Secure the opening/closing stroke of 3 mm or more.

HP06 Series

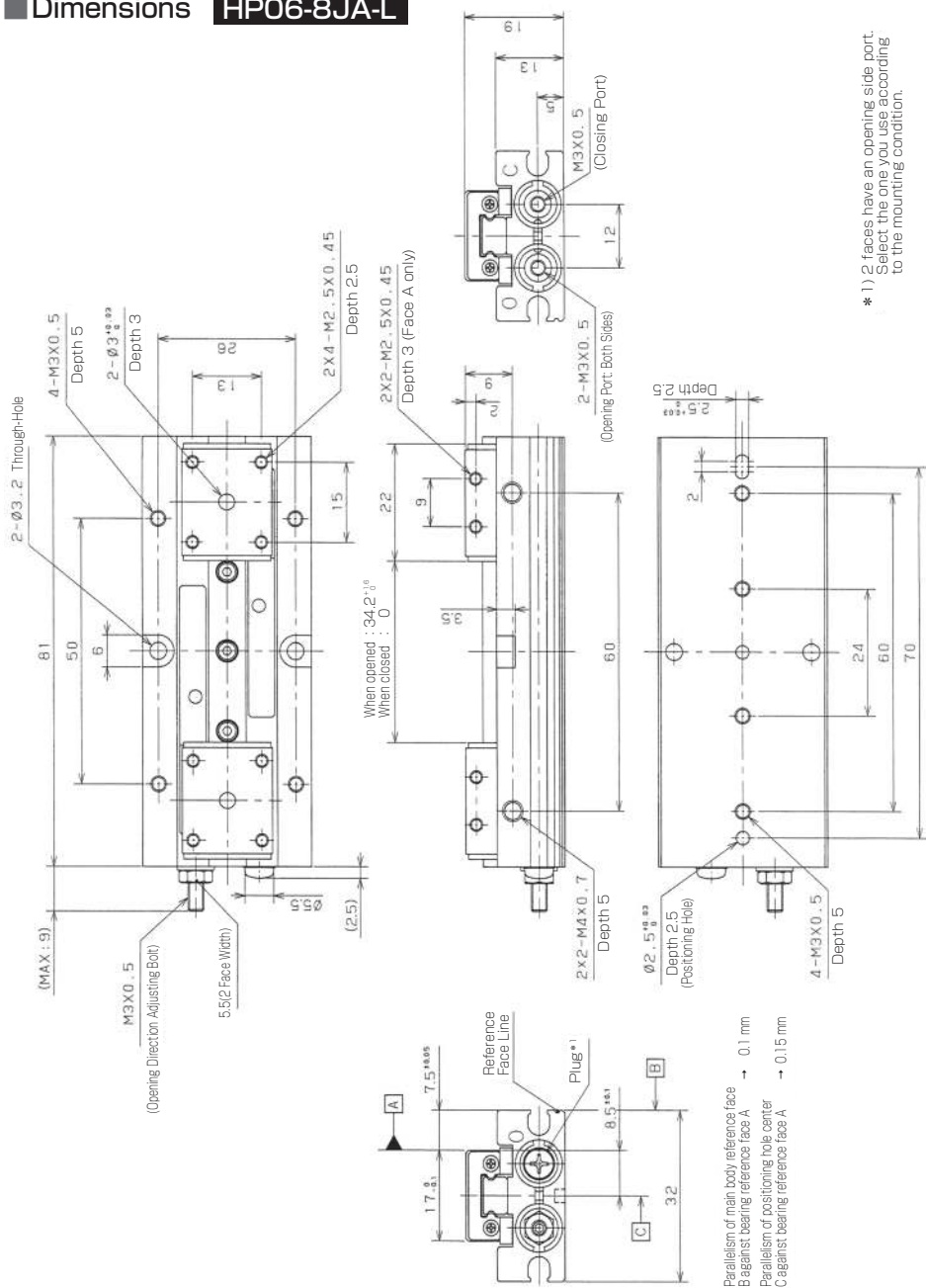
Thin Parallel Linear Gripper



Parallelism of main body reference face B against bearing reference face A → 0.1 mm

Parallelism of positioning hole center C against bearing reference face A → 0.15 mm

Dimensions



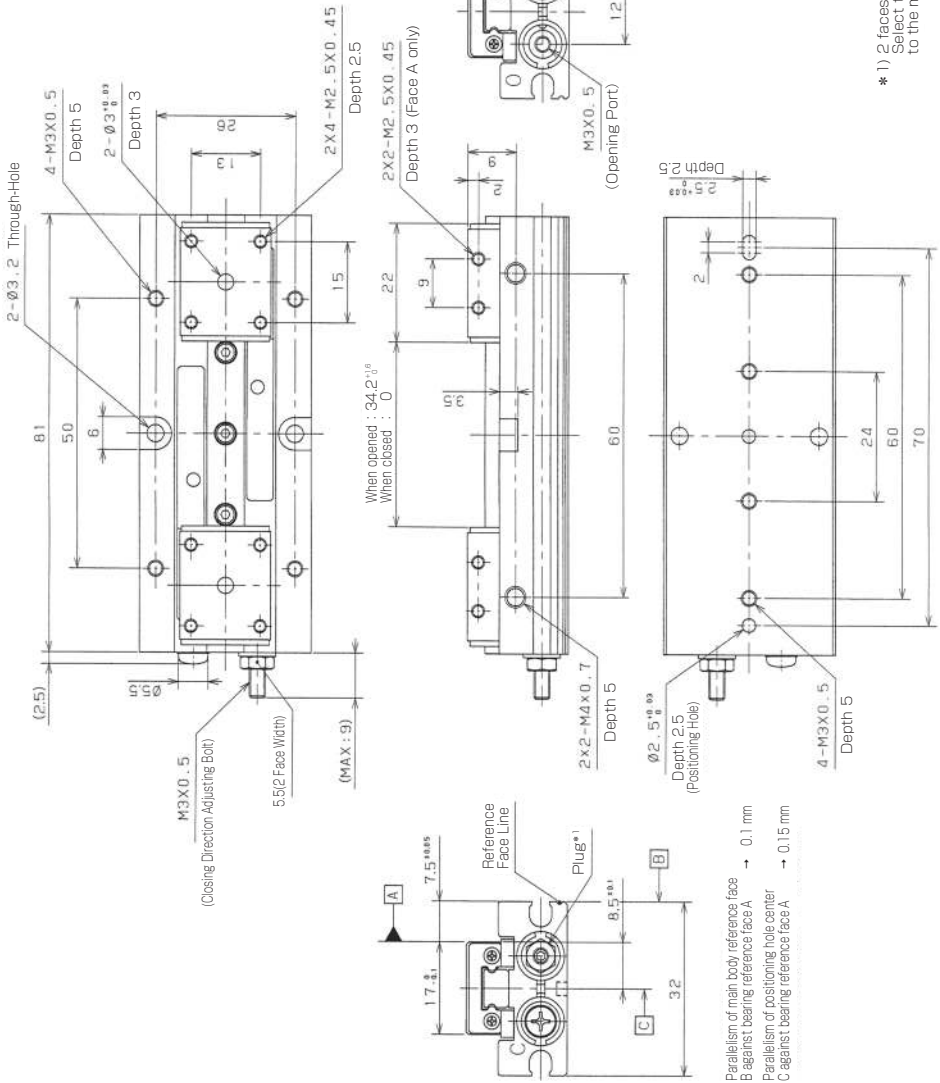
* 1) 2 faces have an opening side port.
Select the one you use according
to the mounting condition.

Dimensions

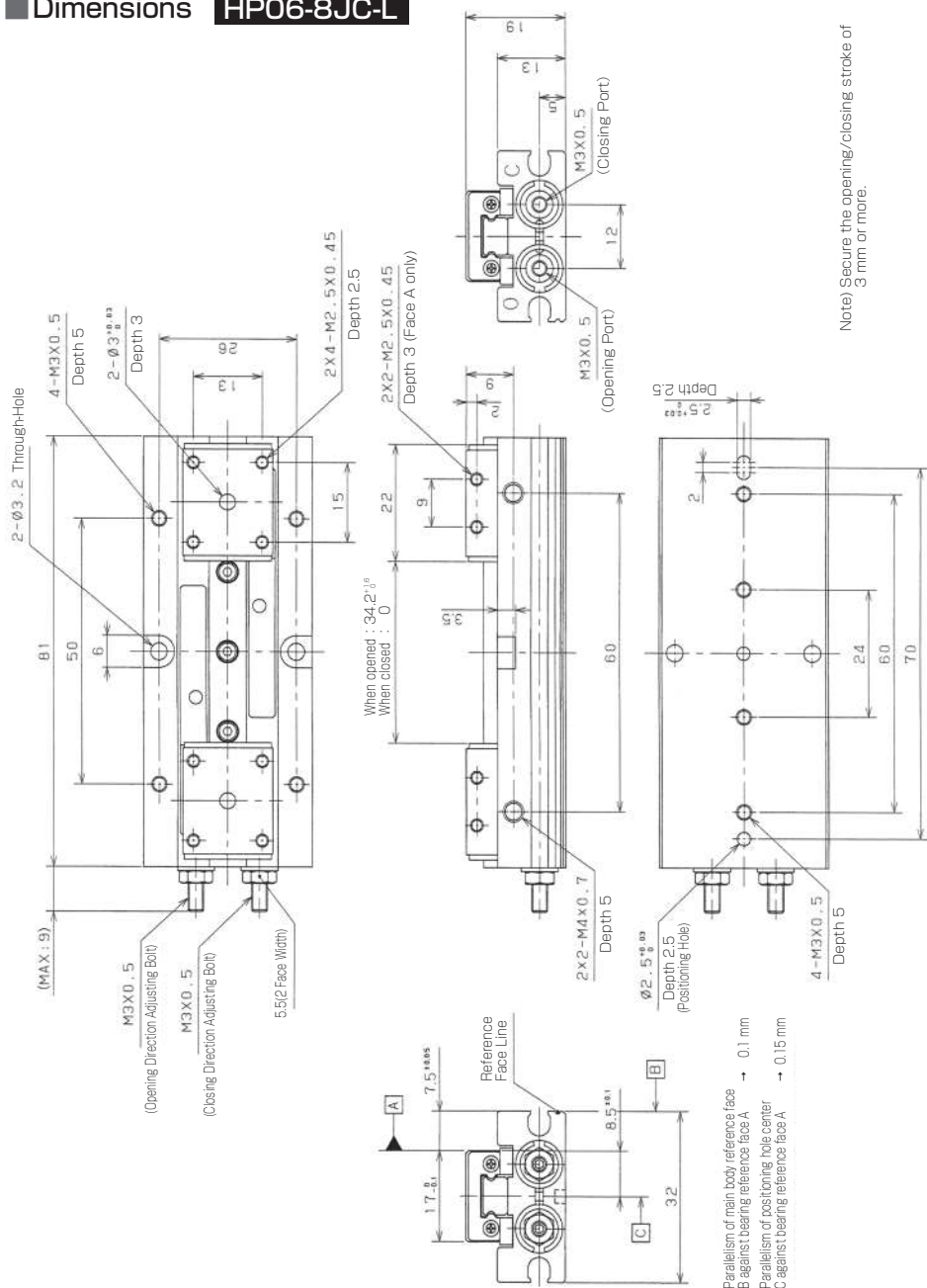
HP06-8JB-L

HP06 Series

Thin Parallel Linear Gripper

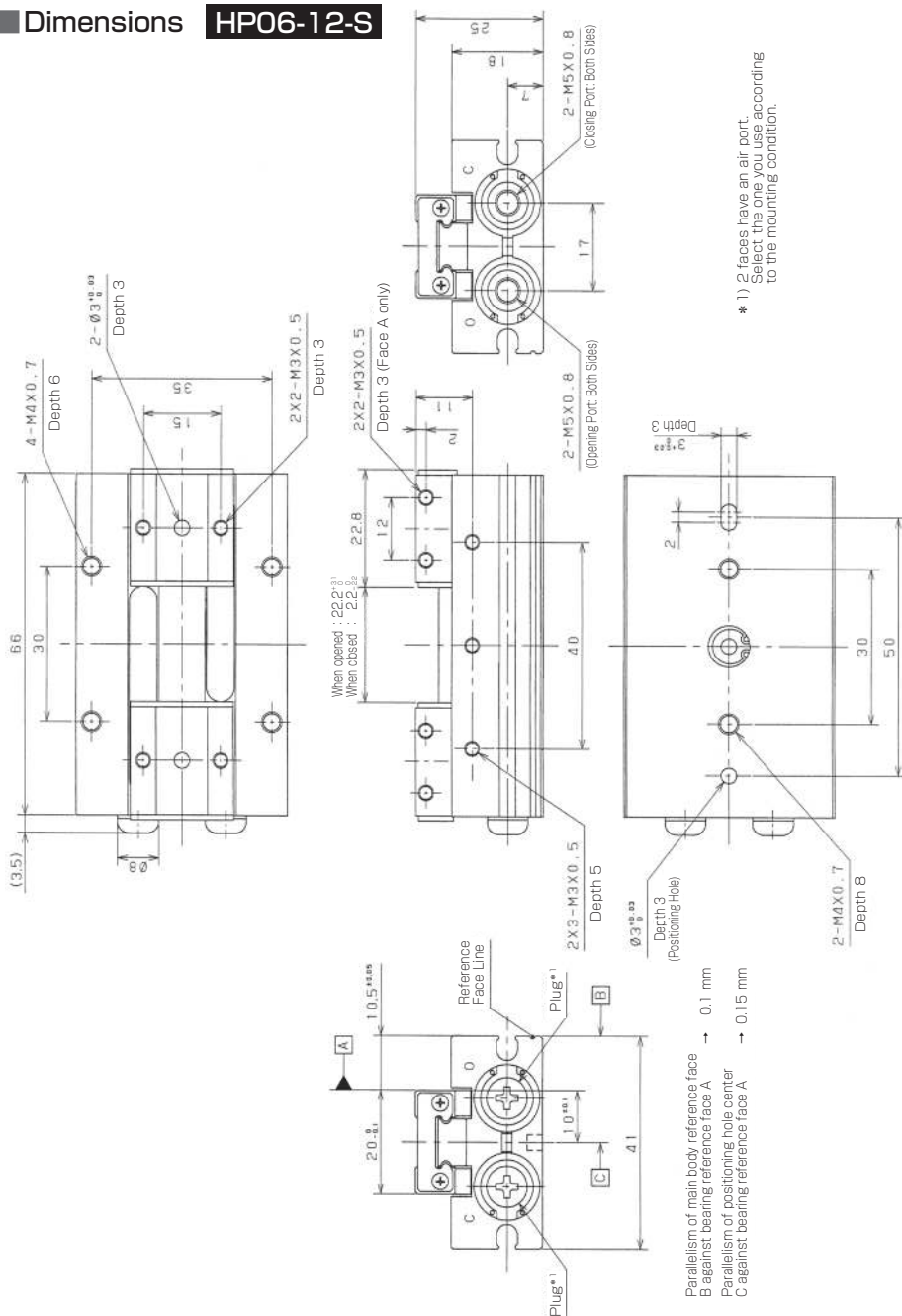


* 1) 2 faces have a closing side port.
Select the one you use according to the mounting condition.

Dimensions HP06-8JC-L

Dimensions

HP06-12-S

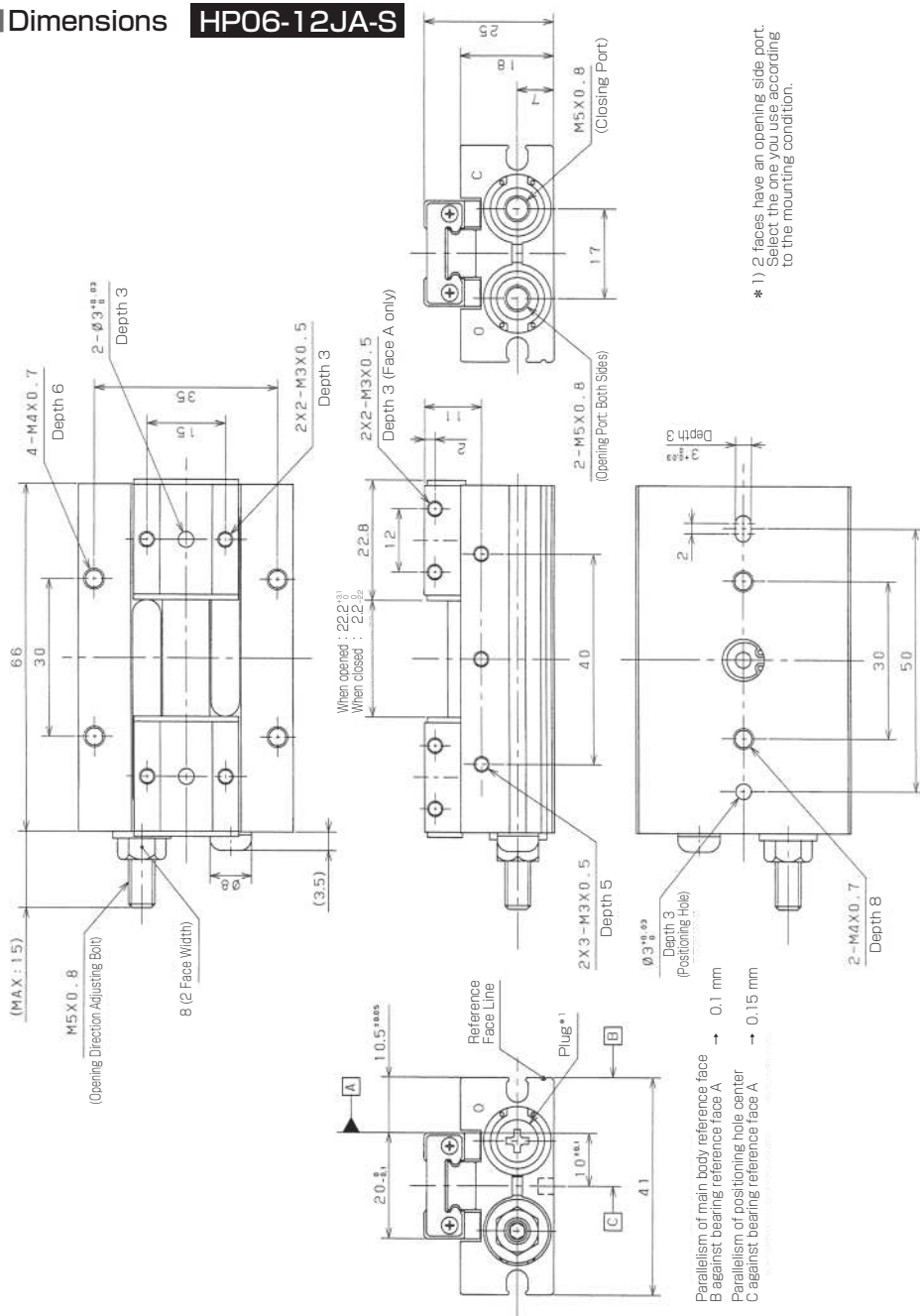


* 1) 2 faces have an air port.
Select the one you use according
to the mounting condition.

Parallelism of main body reference face B against bearing reference face A → 0.1 mm

Parallelism of positioning hole center C against bearing reference face A → 0.15 mm

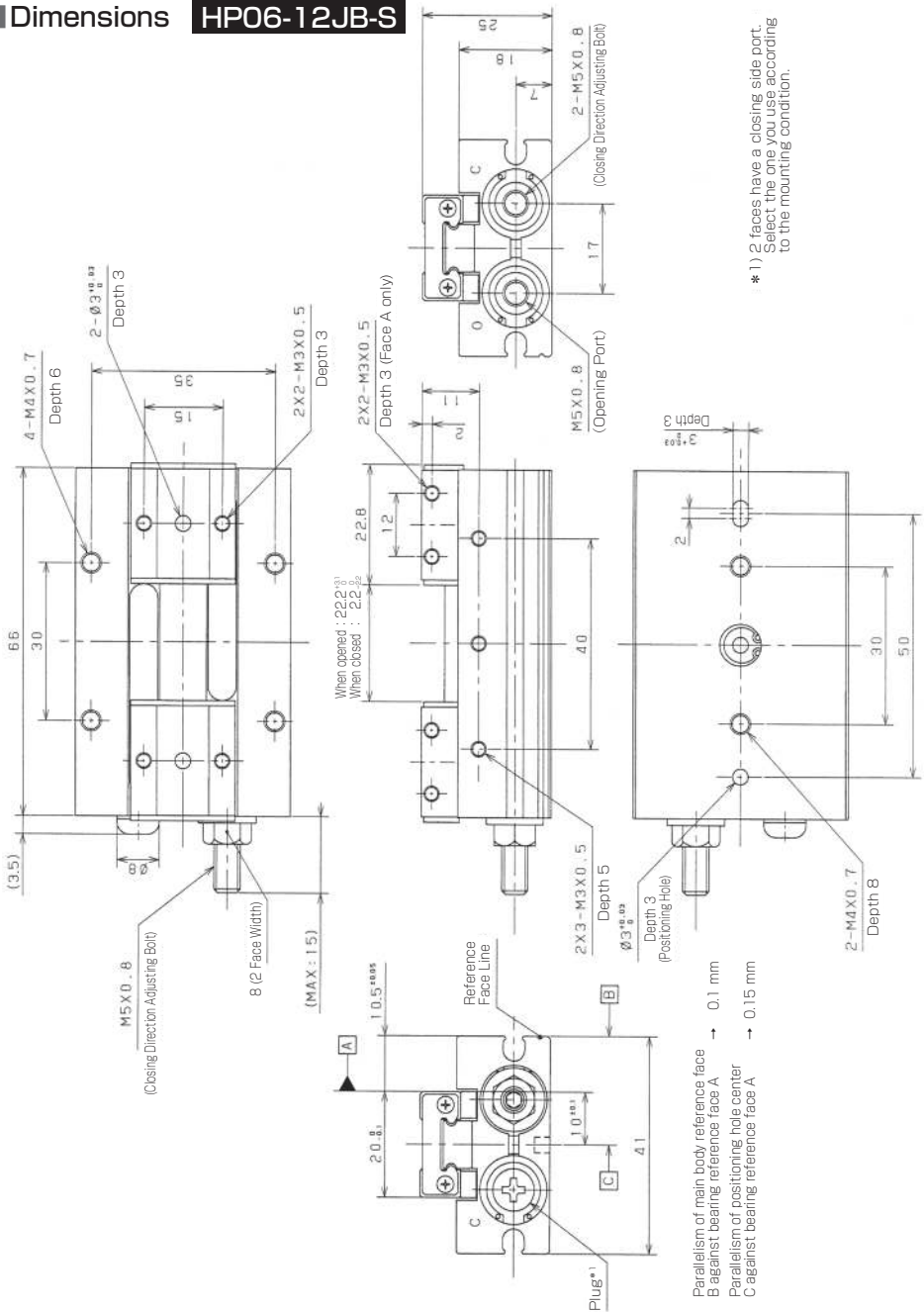
Dimensions

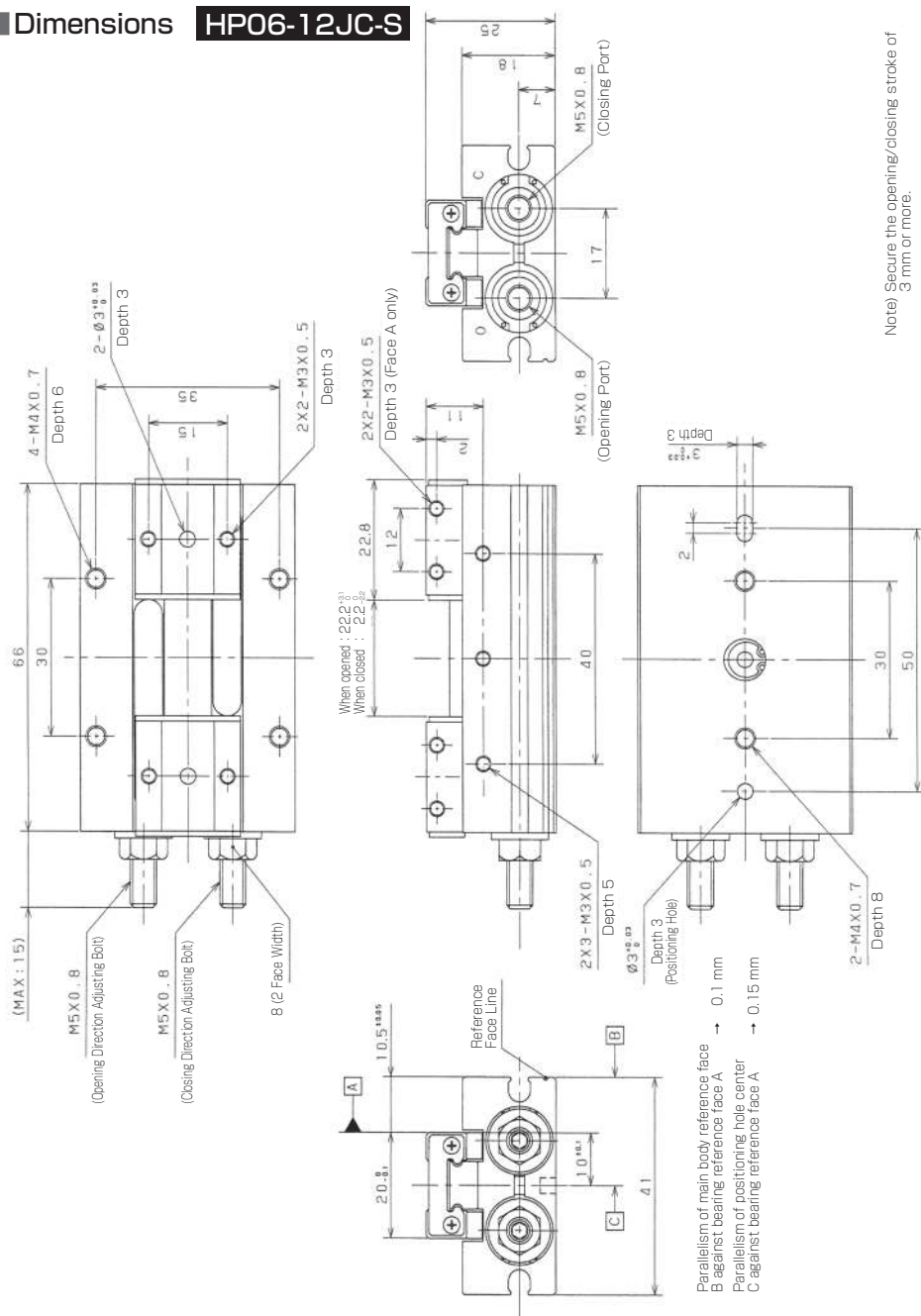


* 1) 2 faces have an opening side port.
Select the one you use according
to the mounting condition.

Parallelism of main body reference face B against bearing reference face A	→ 0.1 mm
Parallelism of positioning hole center C against bearing reference face A	→ 0.15 mm

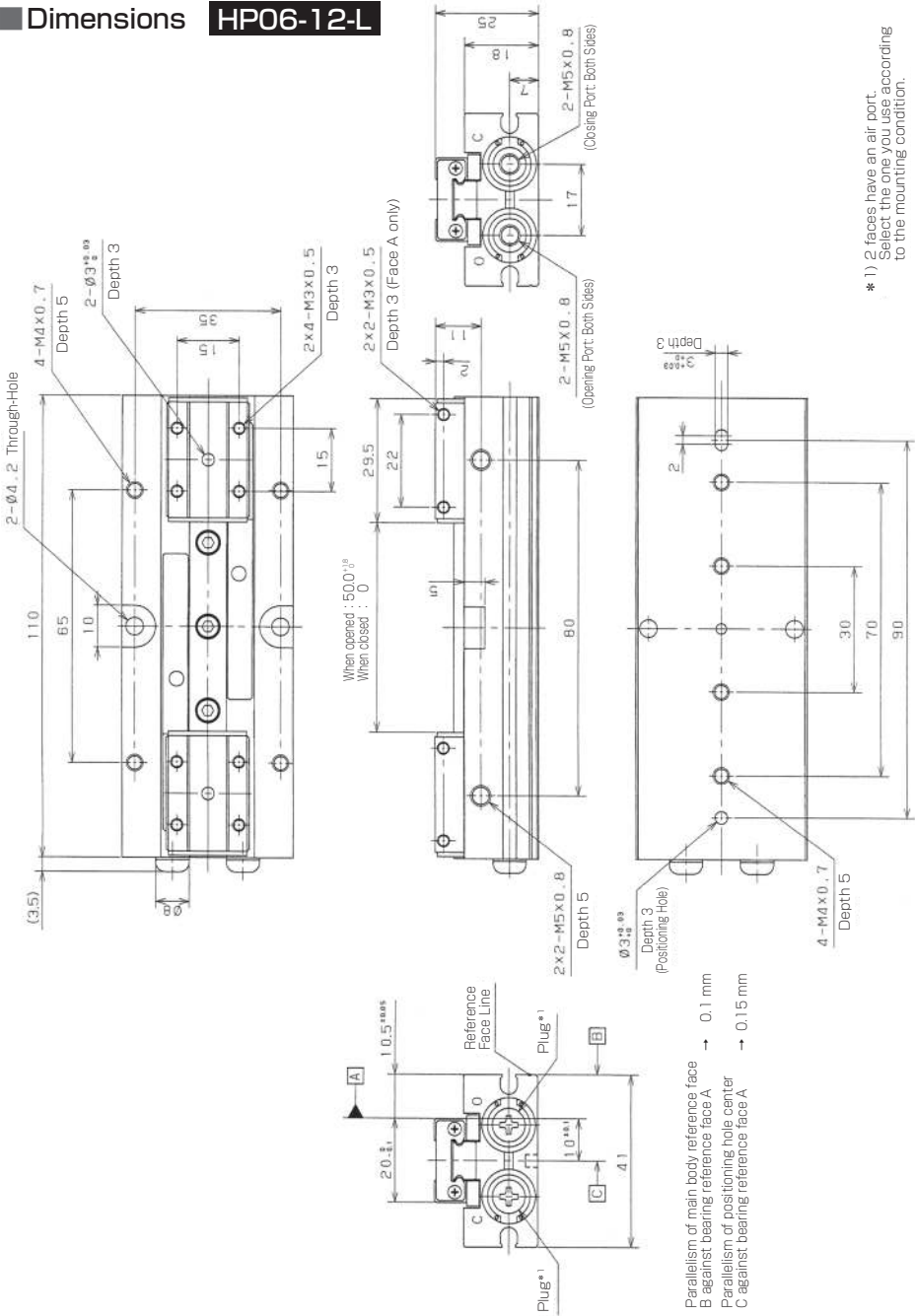
Dimensions HP06-12JB-S

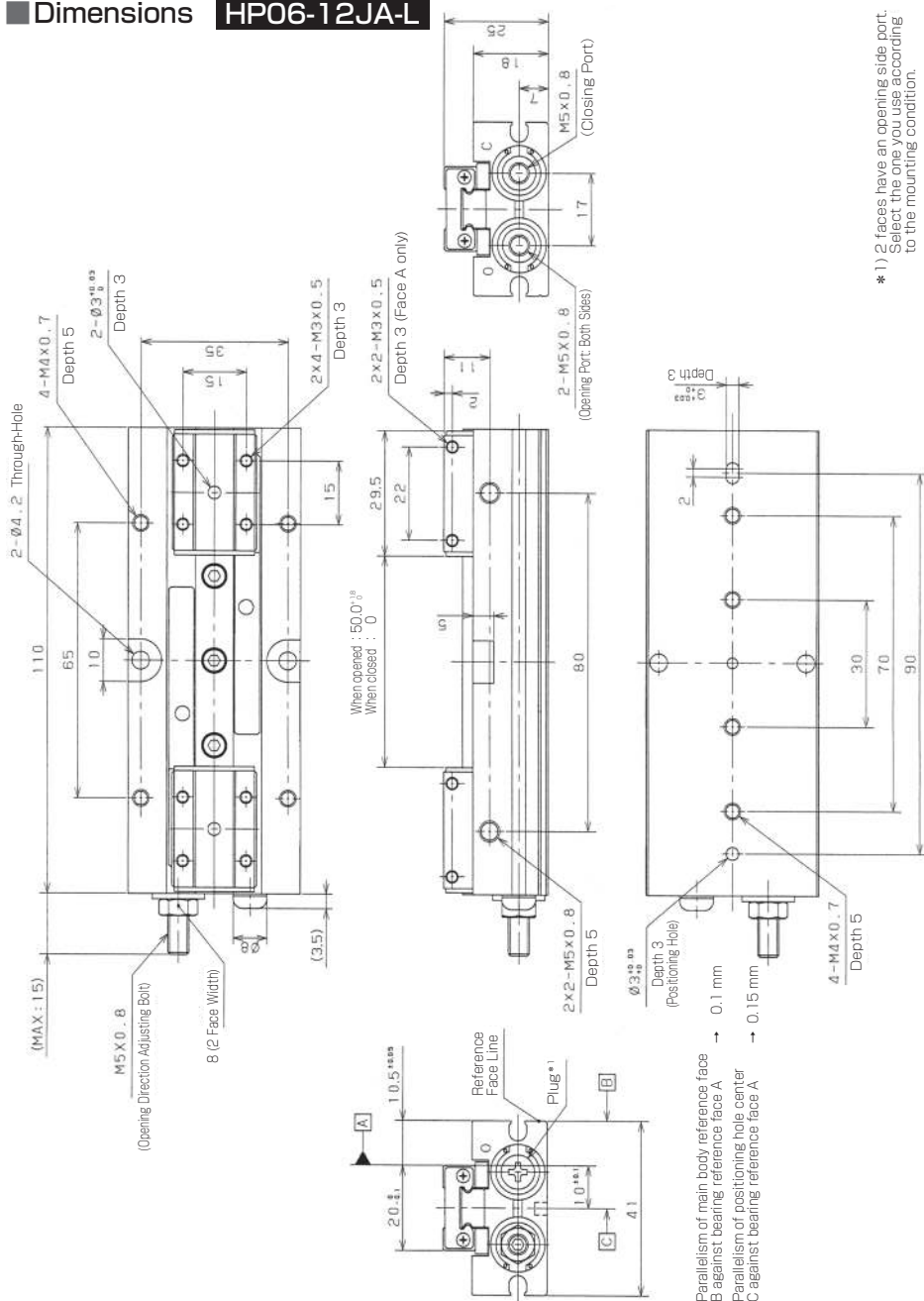


Dimensions HP06-12JC-S

Dimensions

HP06-12-L



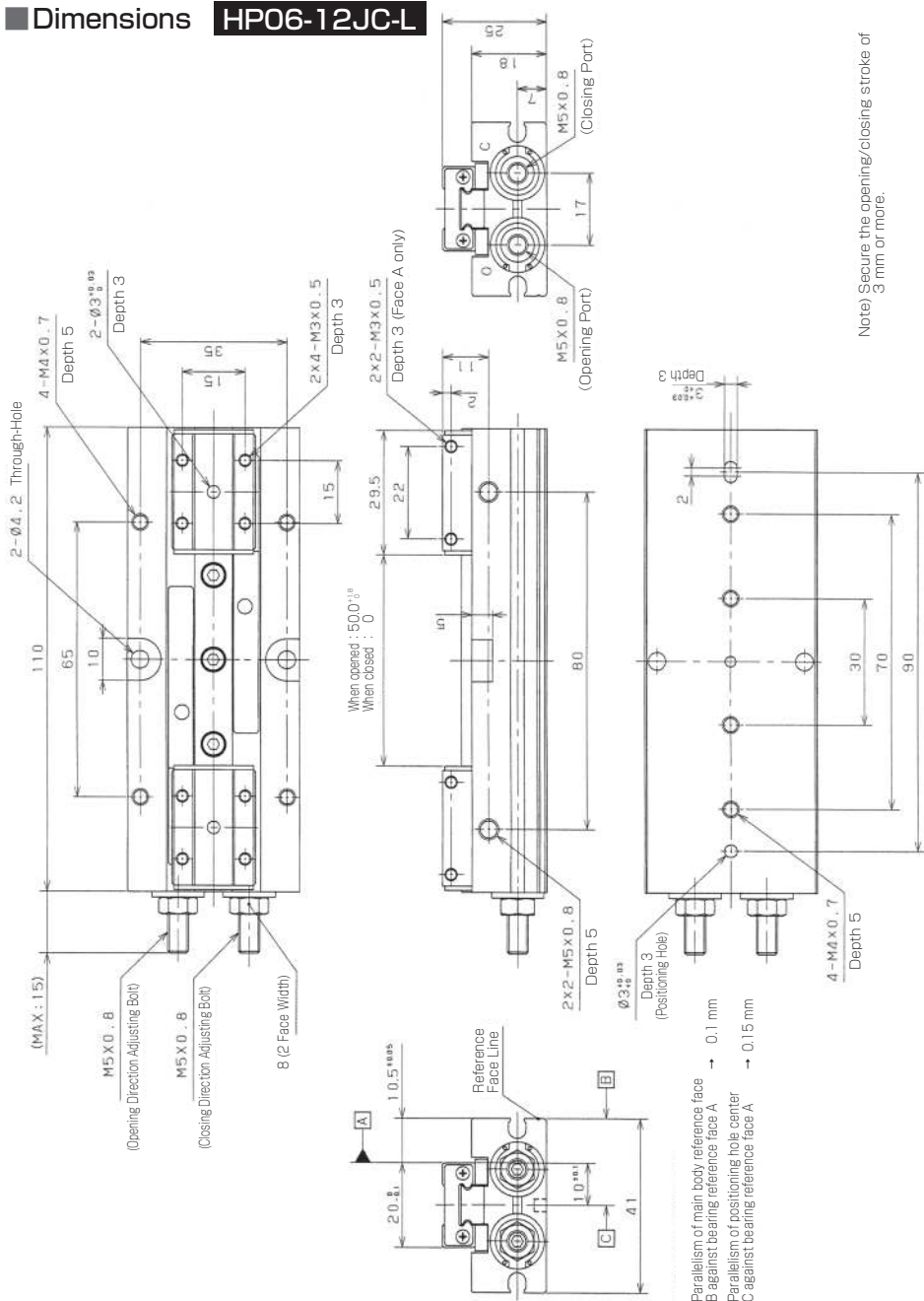
Dimensions HP06-12JA-L

* 1) 2 faces have an opening side port.
Select the one you use according to the mounting condition.

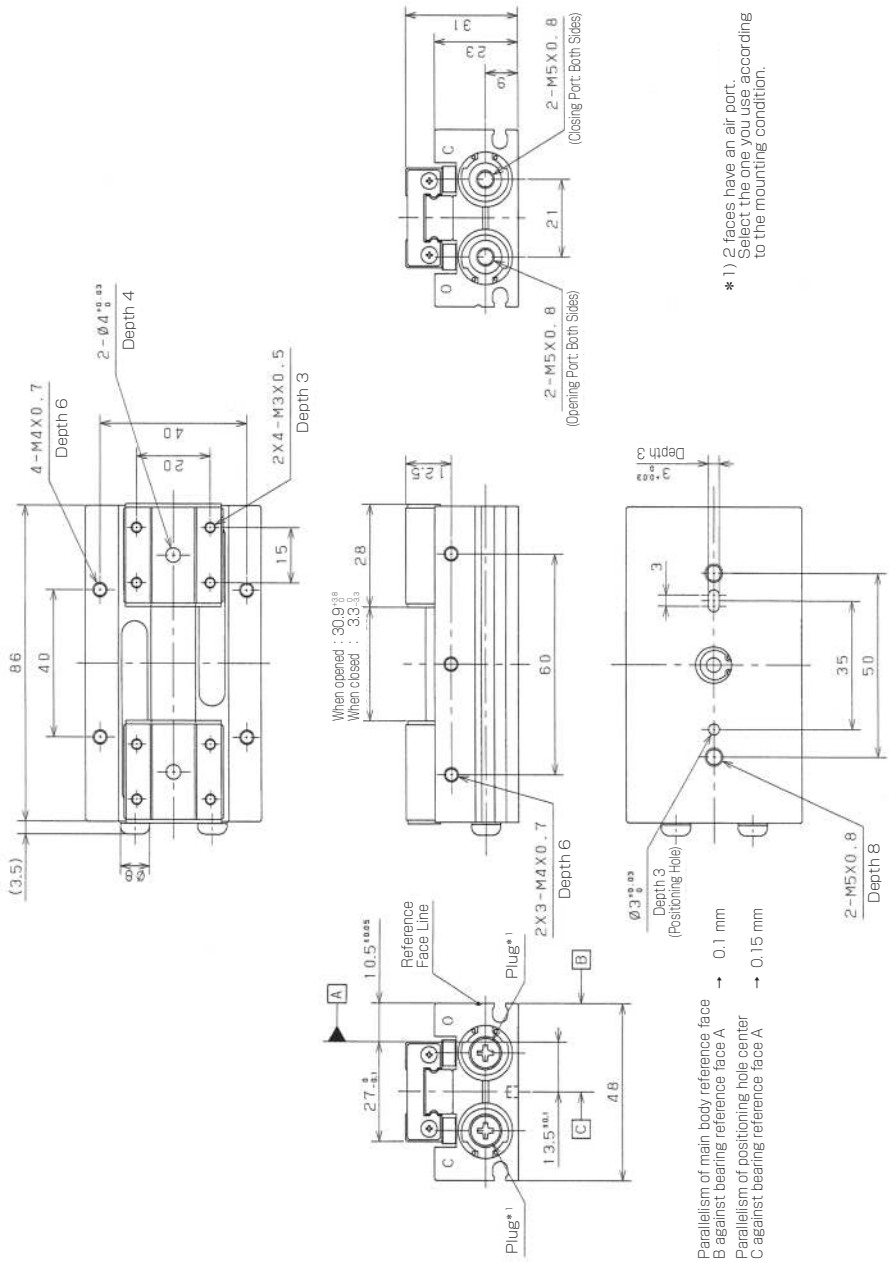
HP06 Series

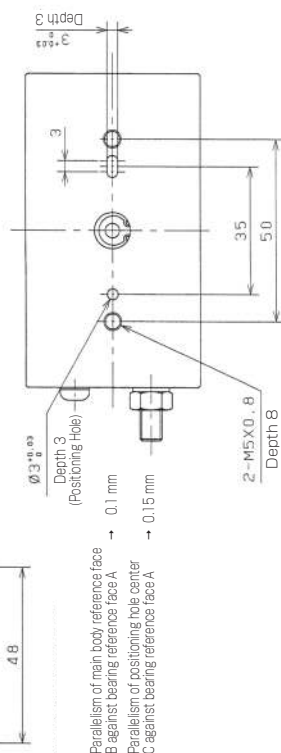
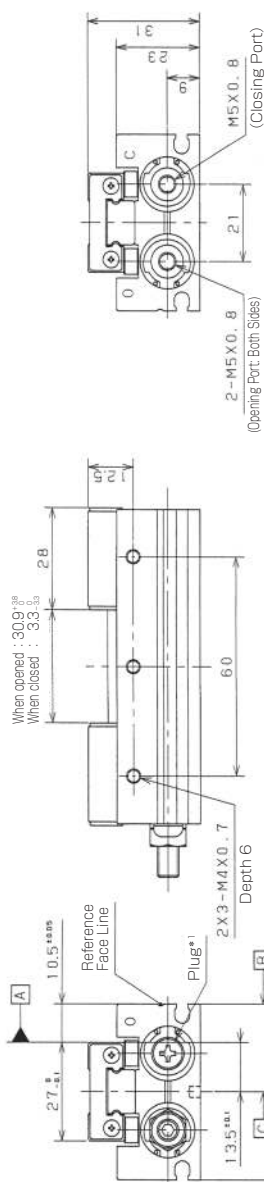
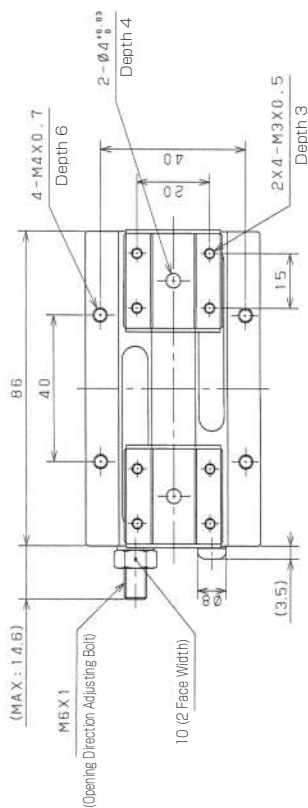
Thin Parallel Linear Gripper



Dimensions HP06-12JC-L

Dimensions HP06-14-S

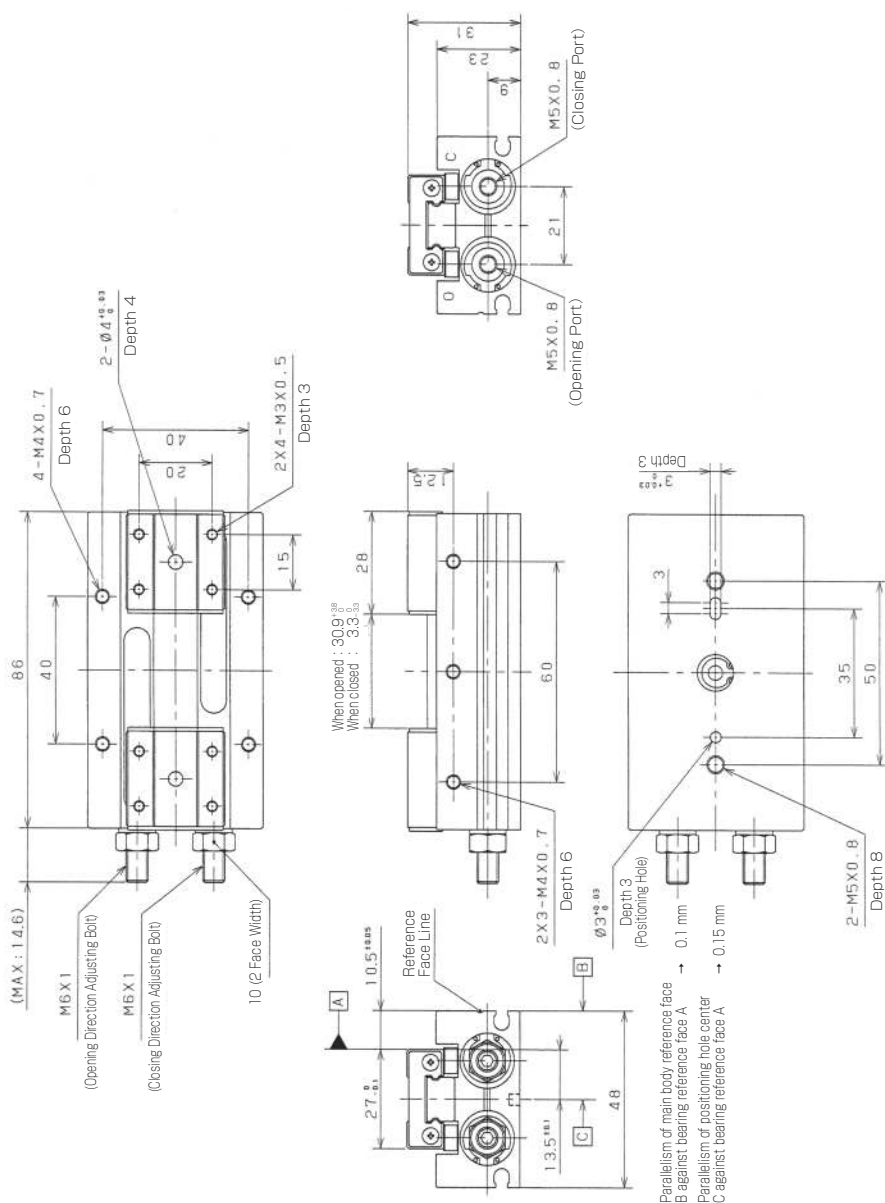


Dimensions HP06-14JA-S

Parallelism of main body reference face
B against bearing reference face A
Parallelism of positioning hole center
C against bearing reference face A

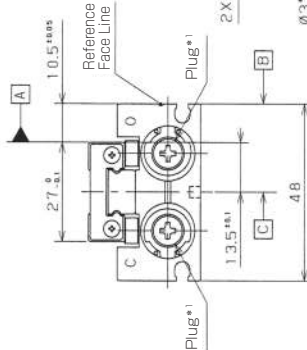
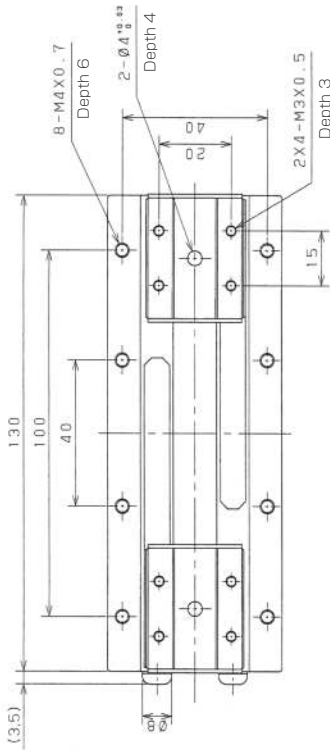
* 1) 2 faces have an opening side port.
Select the one you use according
to the mounting condition.

Dimensions HP06-14JC-S

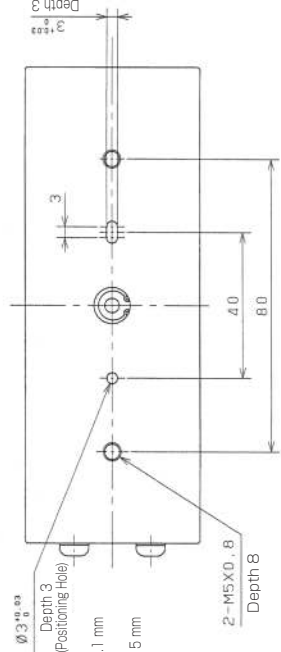
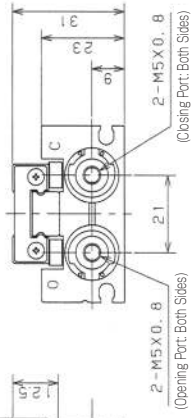
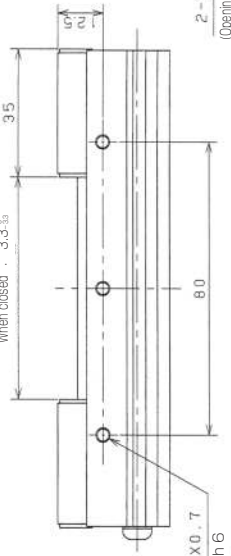


Dimensions

HP06-14-L



When opened : 60.7^{+1.4}
When closed : 33.0^{+0.0}

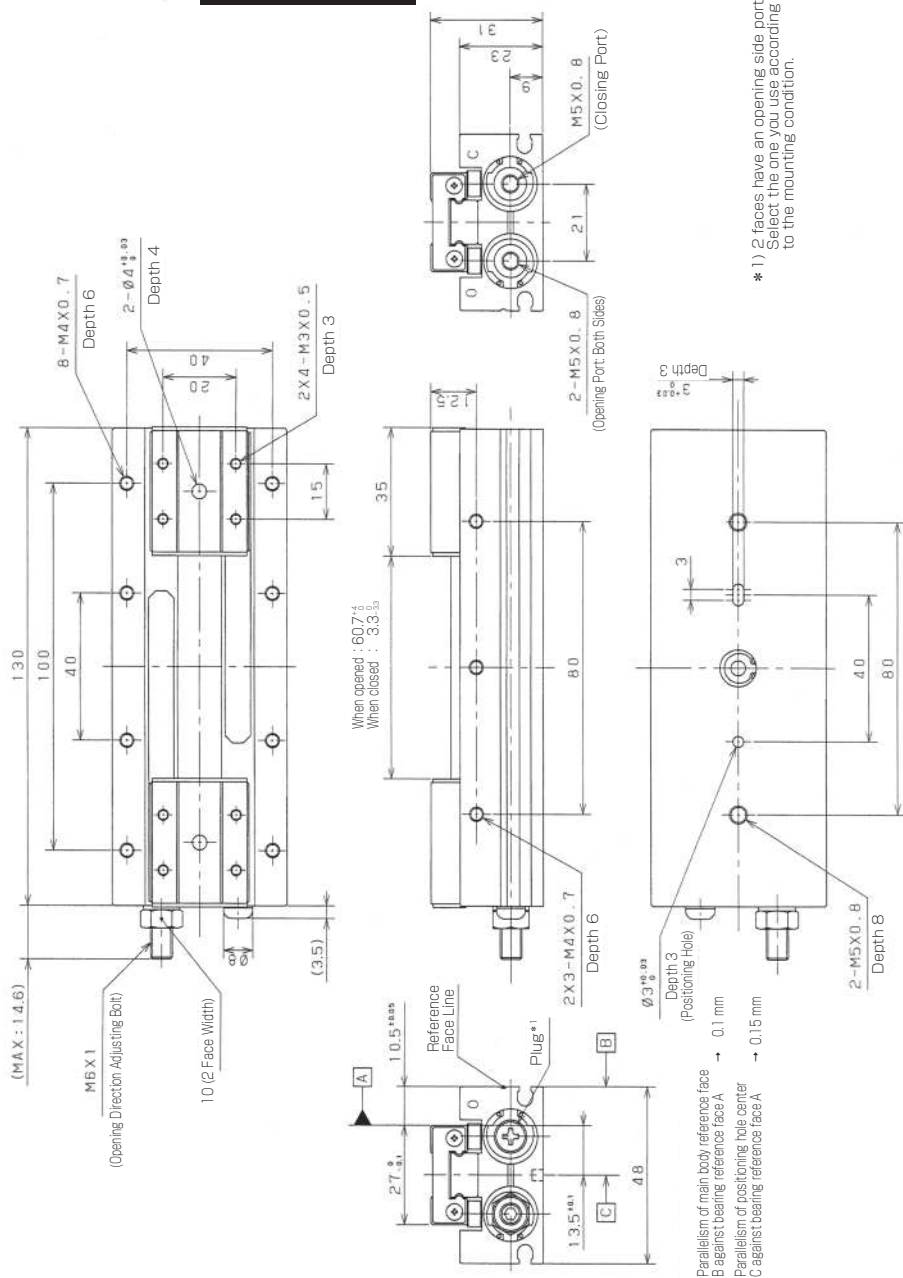


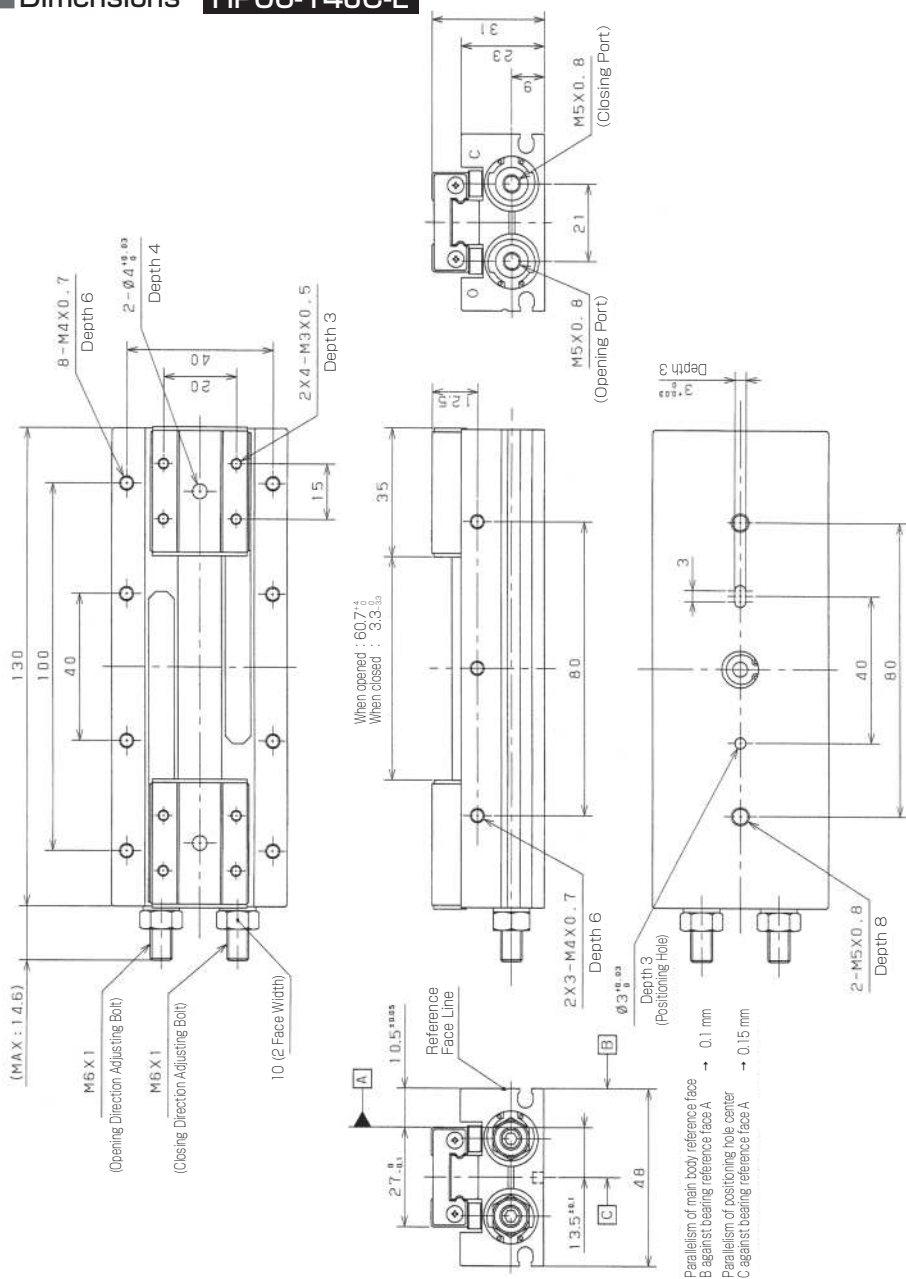
Parallelism of main body reference face
B against bearing reference face A
Parallelism of positioning hole center
C against bearing reference face A

* 1) 2 faces have an air port.
Select the one you use according
to the mounting condition.

HP06 Series

Thin Parallel Linear Gripper

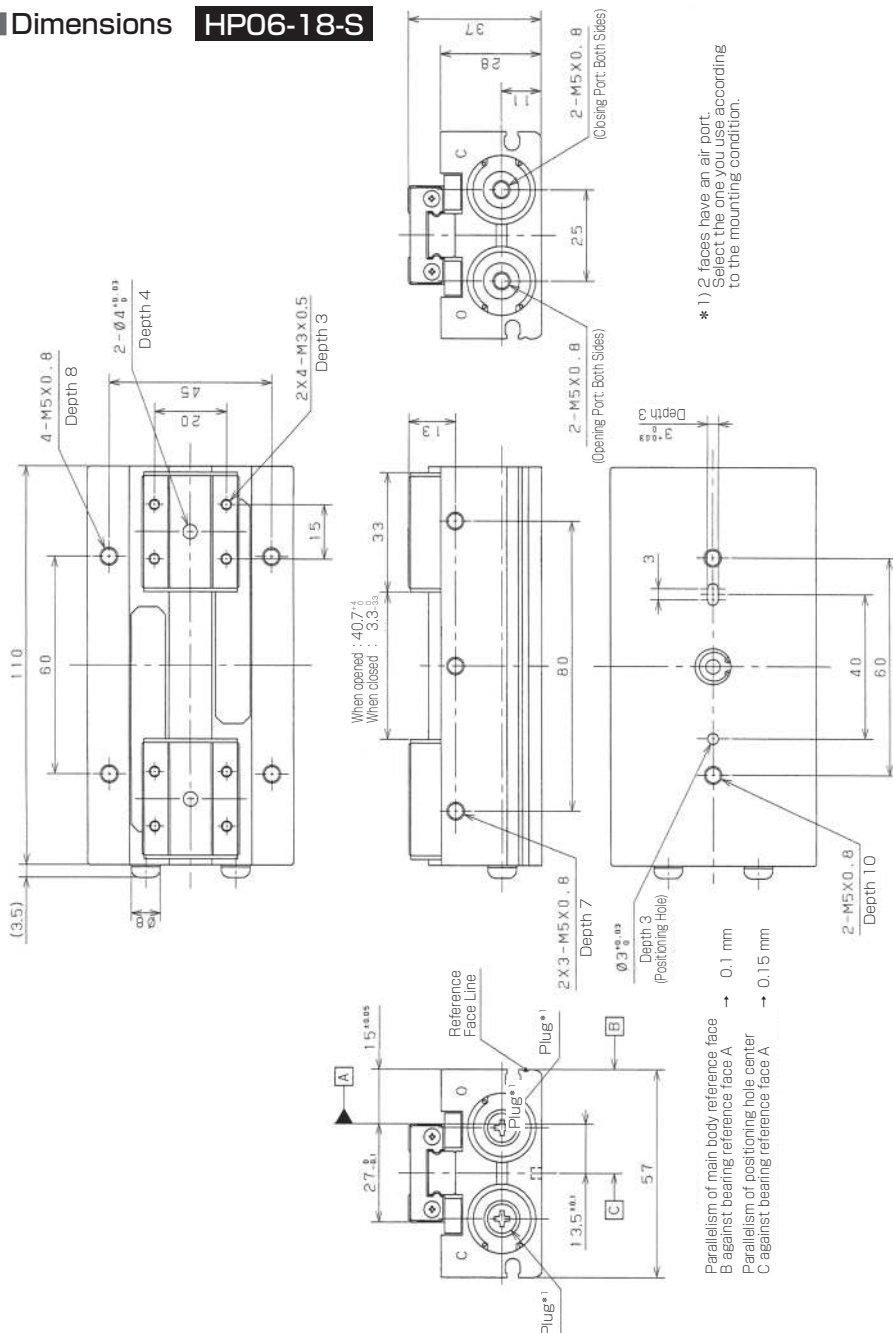


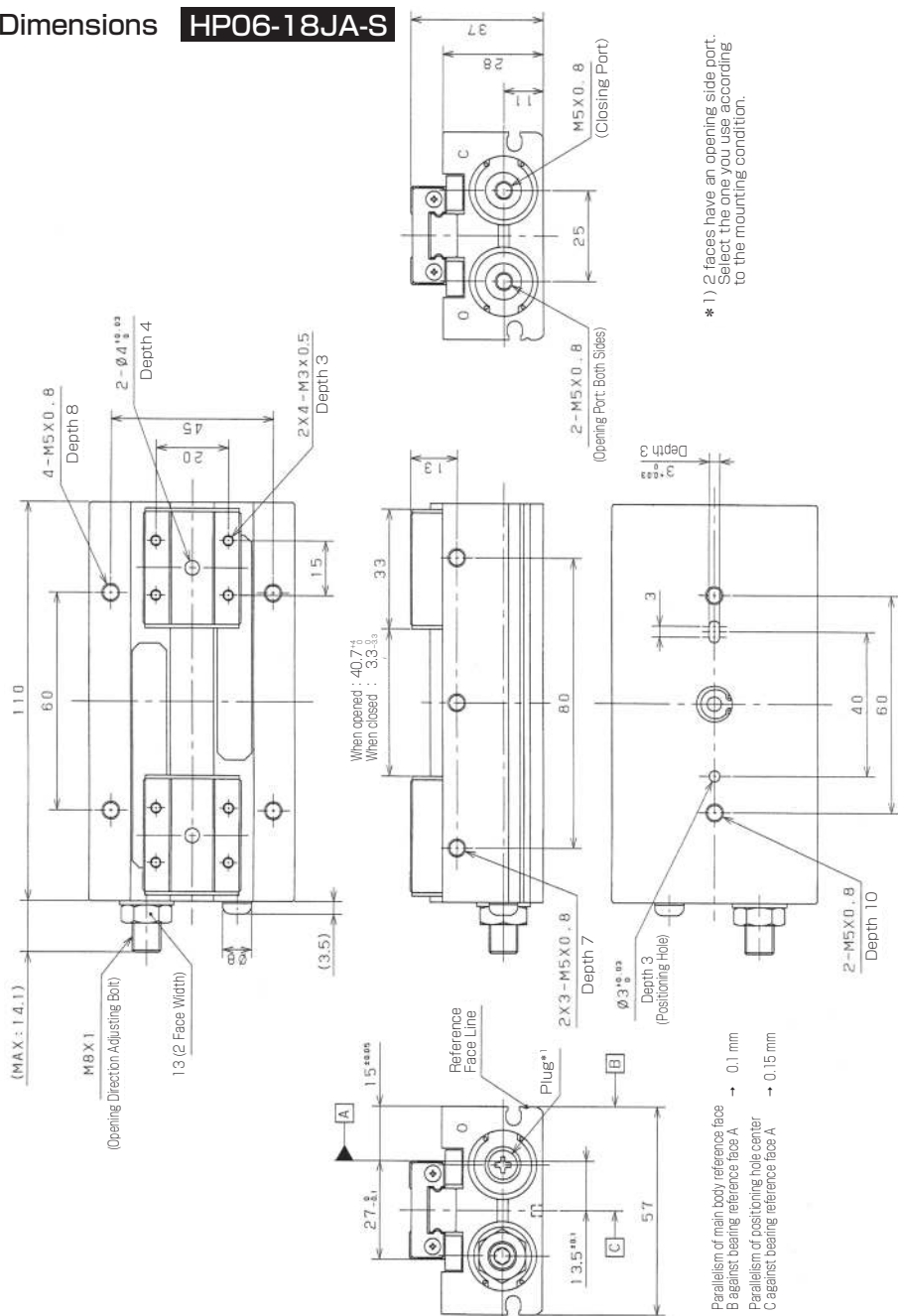
Dimensions HP06-14JC-L

Dimensions HP06-18-S

HP06 Series

Thin Parallel Linear Gripper

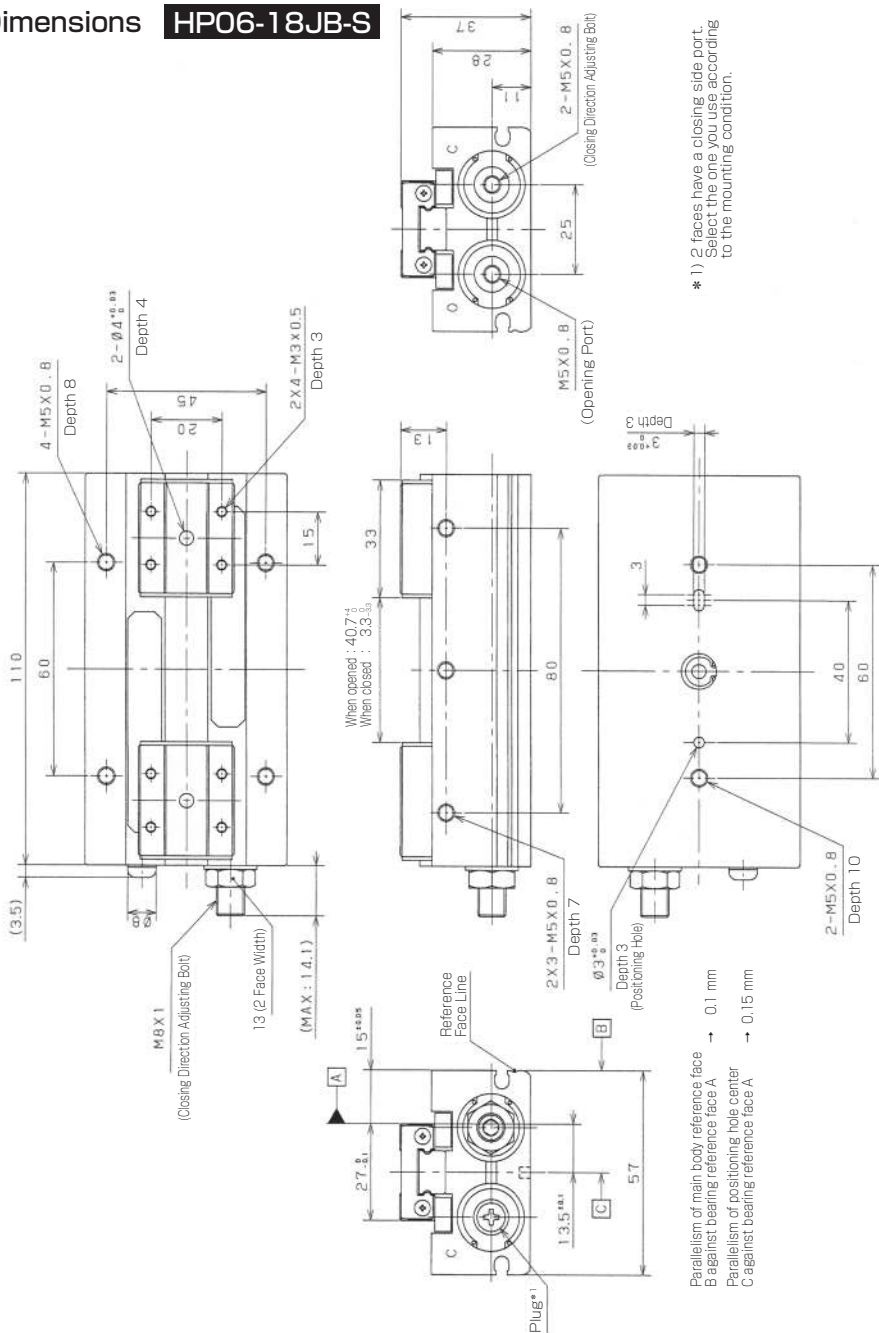


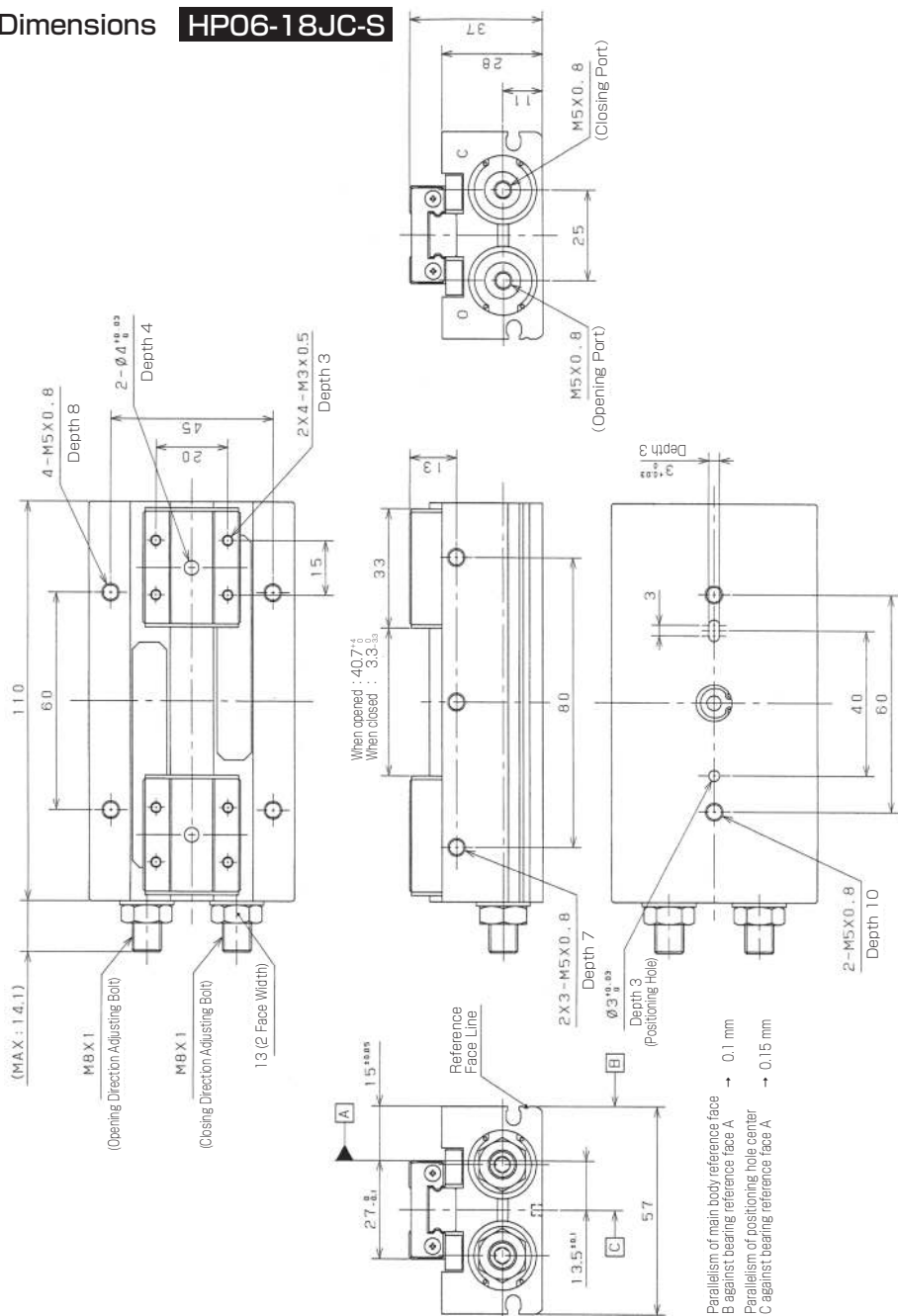
Dimensions HP06-18JA-S

Dimensions **HP06-18JB-S**

HP06 Series

Thin Parallel Linear Gripper

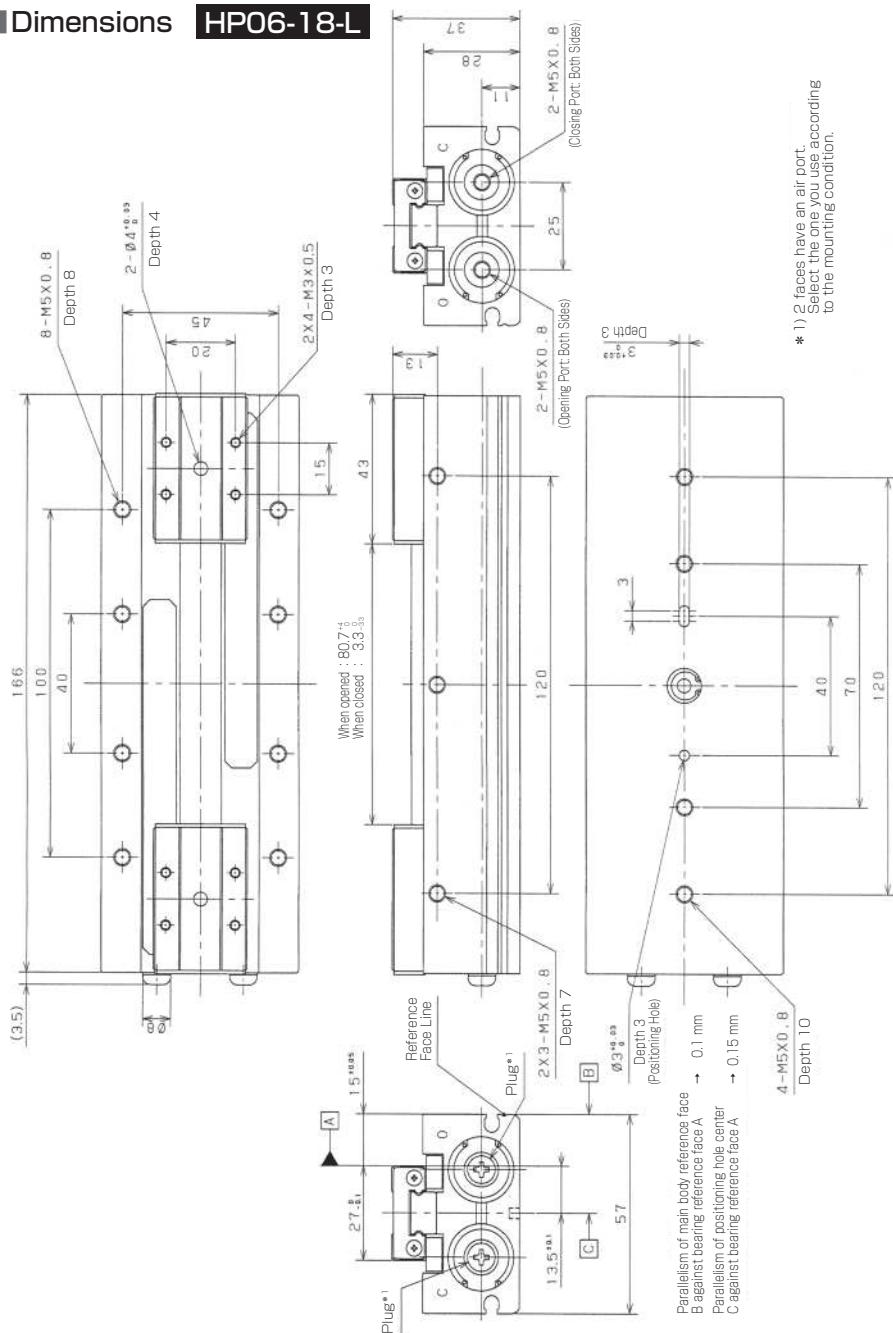


Dimensions HP06-18JC-S

Dimensions

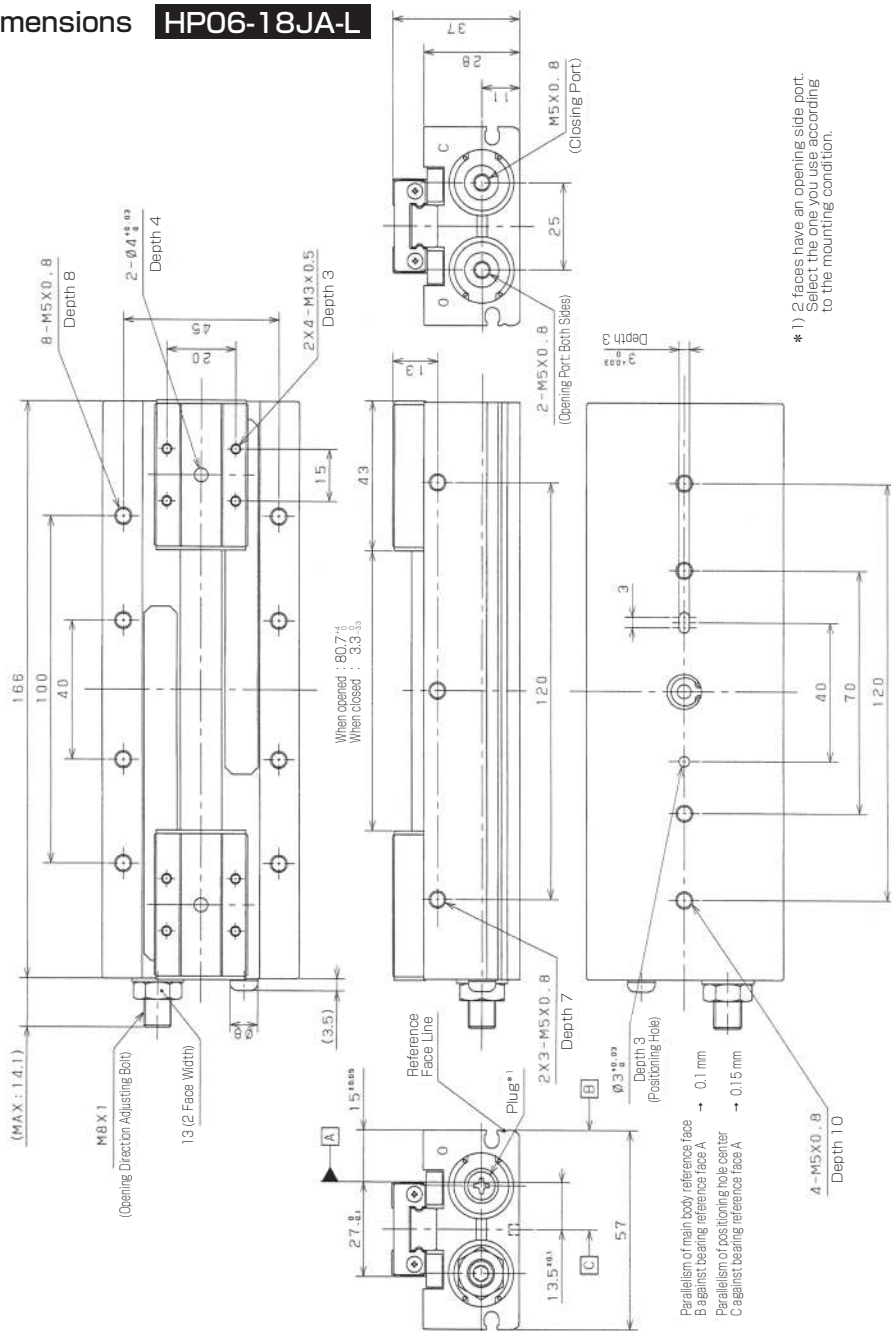
HP06 Series

Thin Parallel Linear Gripper



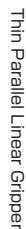
* 1) 2 faces have an air port.
Select the one you use according
to the mounting condition.

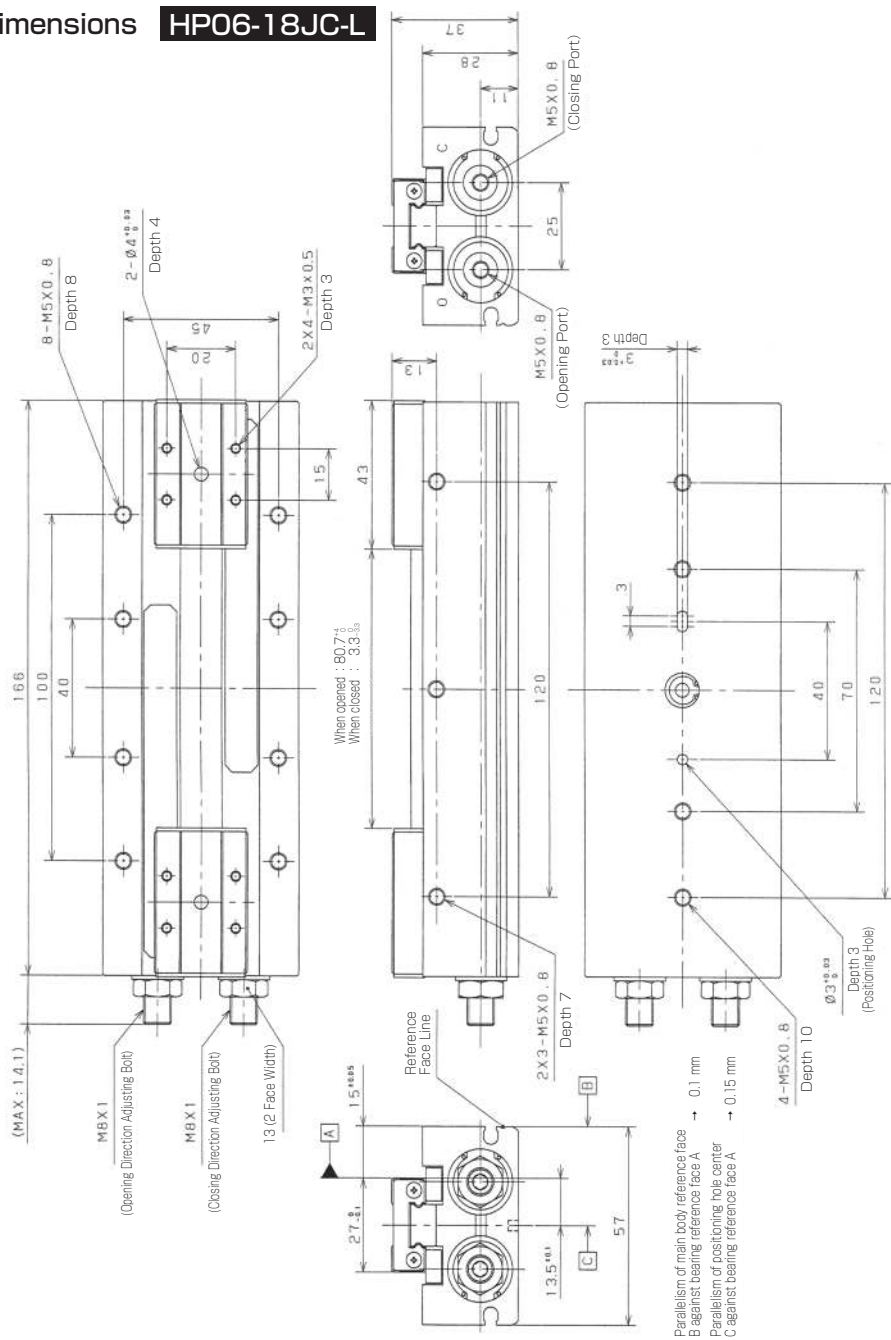
Dimensions HP06-18JA-L



* 1) 2 faces have an opening side port.
Select the one you use according
to the mounting condition.

HP06-18JB-L

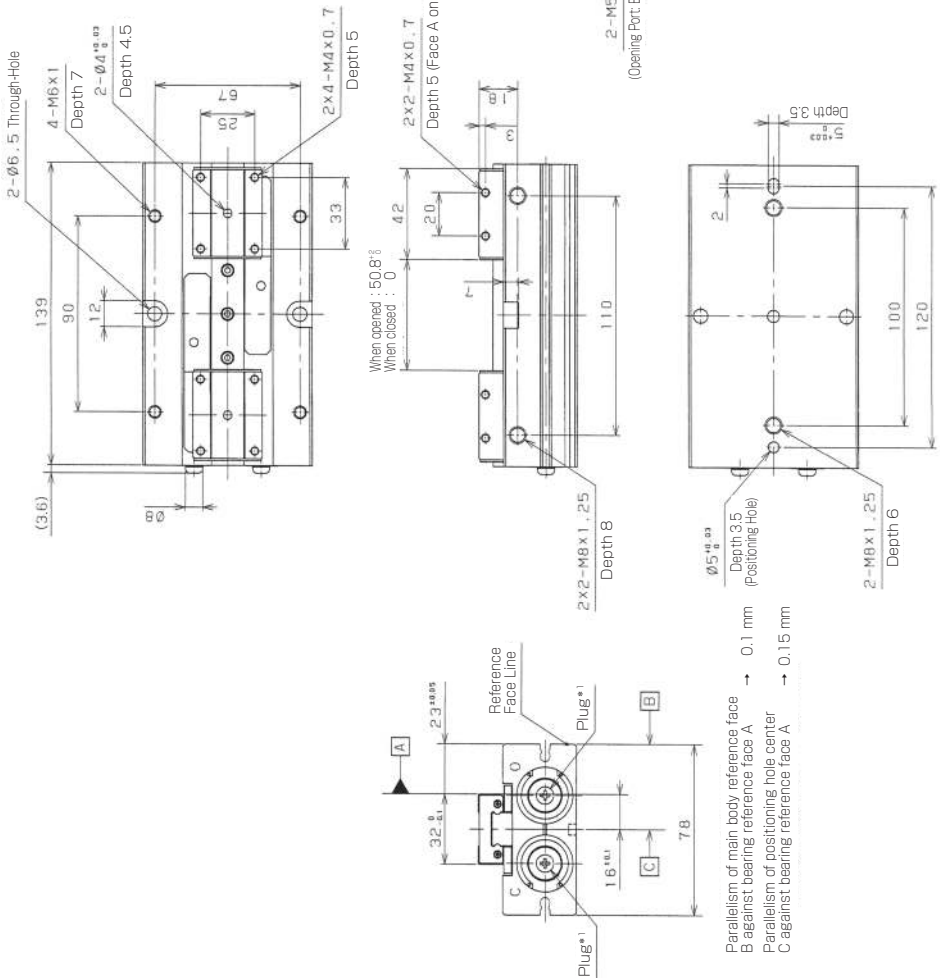


Dimensions HP06-18JC-L

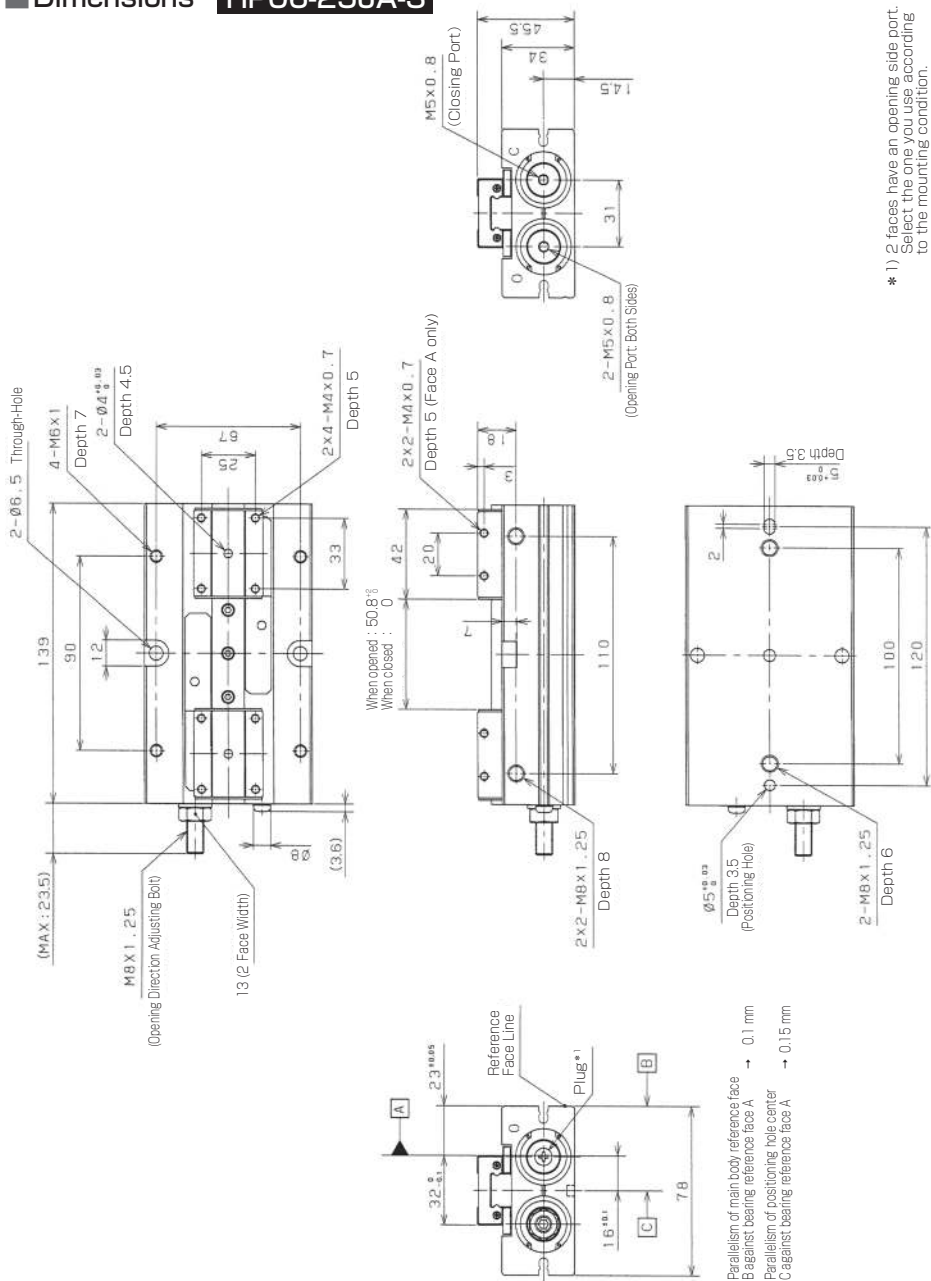
Dimensions HP06-25-S

HP06 Series

Thin Parallel Linear Gripper



* 1) 2 faces have an air port.
Select the one you use according to the mounting condition.

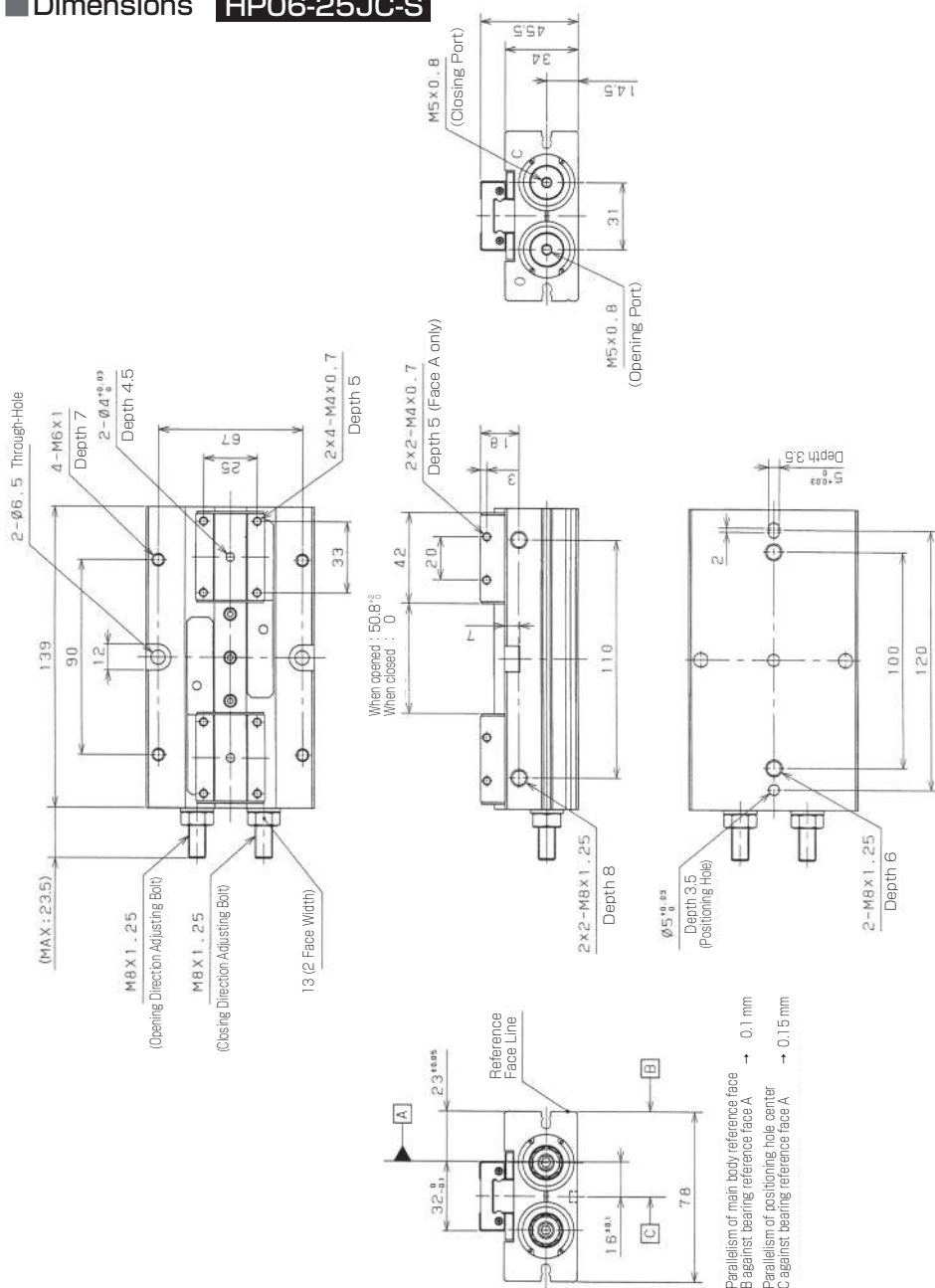
Dimensions HP06-25JA-S

* 1) 2 faces have an opening side port.
Select the one you use according to the mounting condition.

HP06-25JB-S



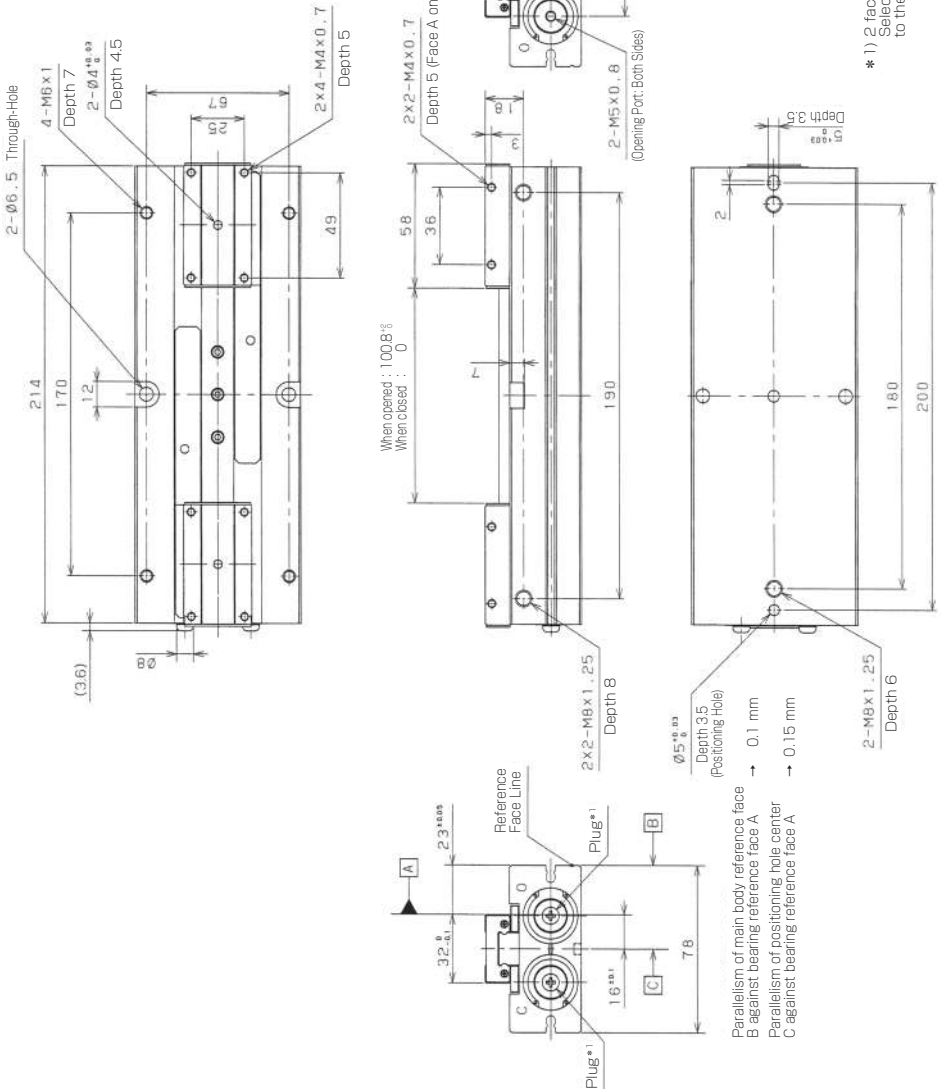
Dimensions **HP06-25JC-S**



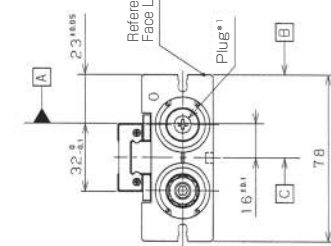
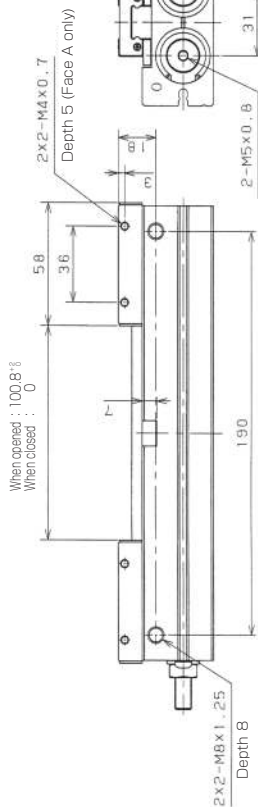
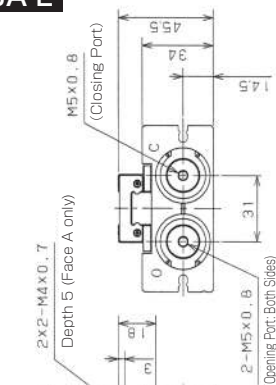
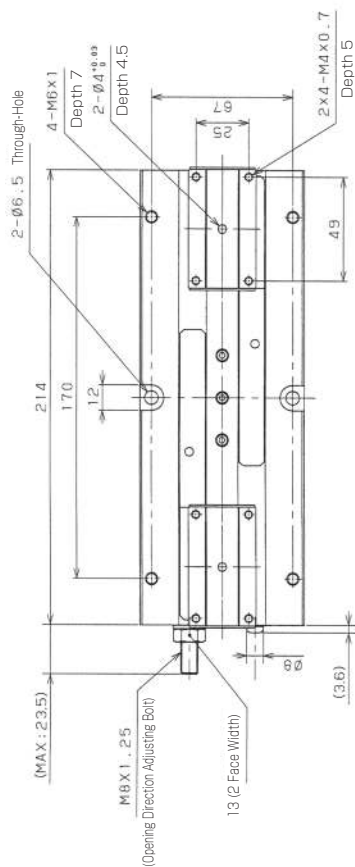
Parallelism of main body reference face B against bearing reference face A → 0.1 mm

Parallelism of positioning hole center C against bearing reference face A → 0.15 mm

Dimensions HP06-25-L



* 1) 2 faces have an air port.
Select the one you use according to the mounting condition.

Dimensions HP06-25JA-L

Parallelism of main body reference face
B against bearing reference face A → 0.1 mm
Parallelism of positioning hole center
C against bearing reference face A → 0.15 mm

* 1) 2 faces have an opening side port.
Section line must be drawn according to the mounting condition.

HP06-25JB-L



Dimensions HP06-25JC-L