



Pressures

bar	Ø	10	16	20	25
		min	2		2,5
max		7		7	



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

SILICON
FREE



Temperature

-10 °C
+ 60 °C



Adapter for sensors

DC 10 001



Sensors recommended

DC 03 PM8 - DC 03 P2M - DC 04 PM8 - DC 04 P2M
DC 05 PM8 - DC 05 P2M

CHARACTERISTICS

Fluids	Air (Lubrication not necessary).
Body	Anodized Aluminum alloy
Piston rod	Anodized Aluminum alloy
Seals	NBR
Action tolerance	± 0,01 mm
Max. Operating frequency	180 c.p.m.



Series

G R 0 1 F

Double Acting Magnetic

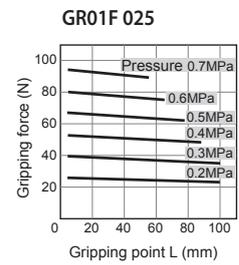
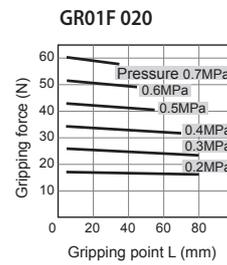
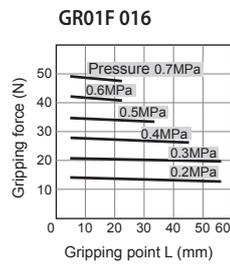
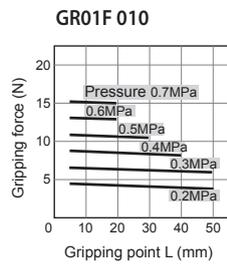
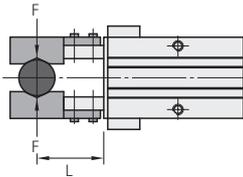
Ø mm

0 1 0

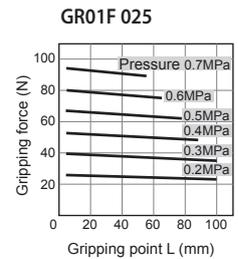
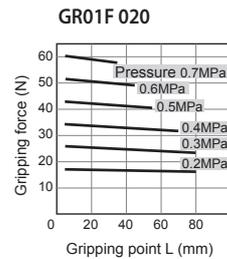
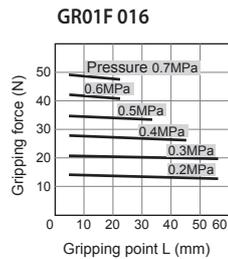
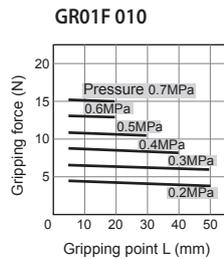
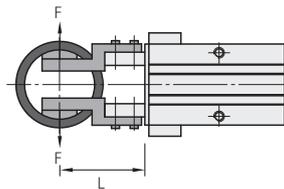
010
016
020
025

Cylinder ∅	Gripping Force (5 bar)		Opening/Closing angle both sides (mm)	Weight excluding Sensor (g)
	External Gripping Force (N)	Internal Gripping Force (N)		
10	11	17	4	39
16	34	45	6	91
20	42	66	10	180
25	65	104	14	311

External Gripping point



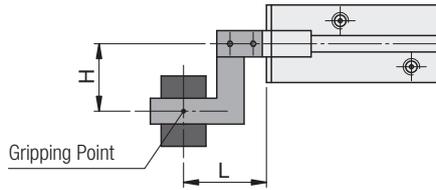
Internal Gripping point



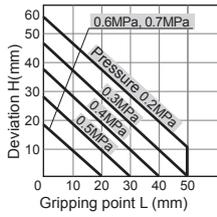
The air gripper should be operated so that the work piece gripping point "L" and the amount of overhang "H" stay within the range shown for each operating pressure given in the graphs to the right.

If the work piece gripping point goes beyond the range limits, this will have an adverse effect on the life of the air gripper.

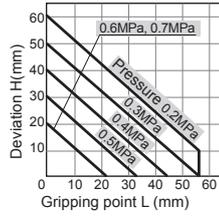
External Gripping point



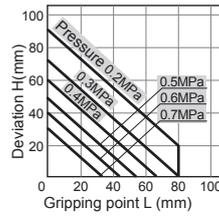
GR01F 010



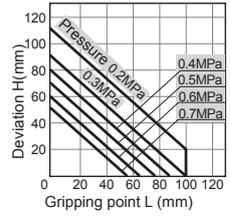
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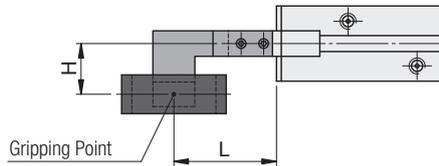
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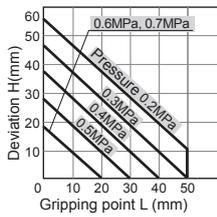
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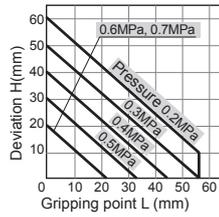
Internal Gripping point



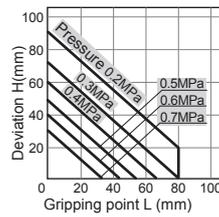
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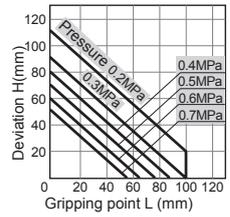
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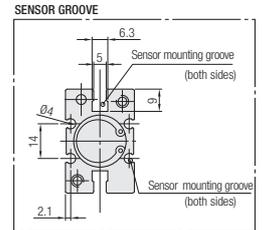
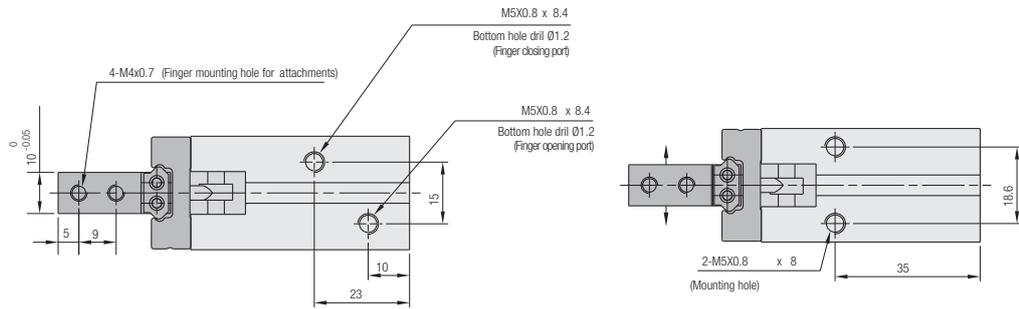
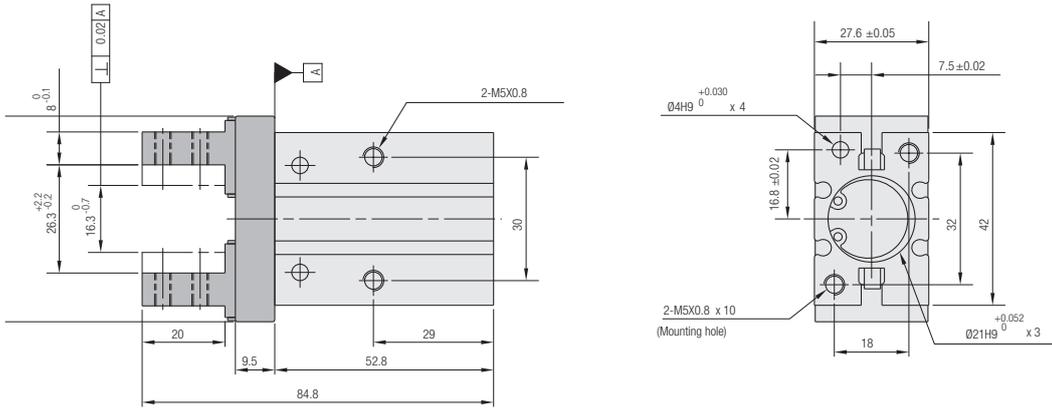
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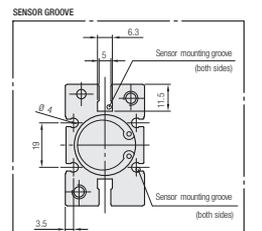
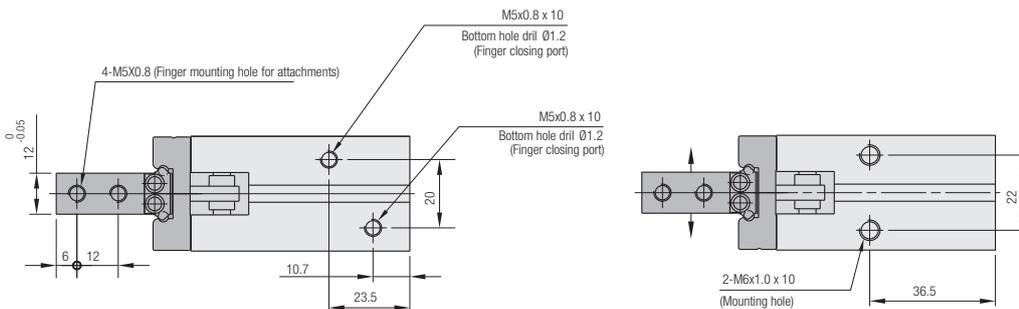
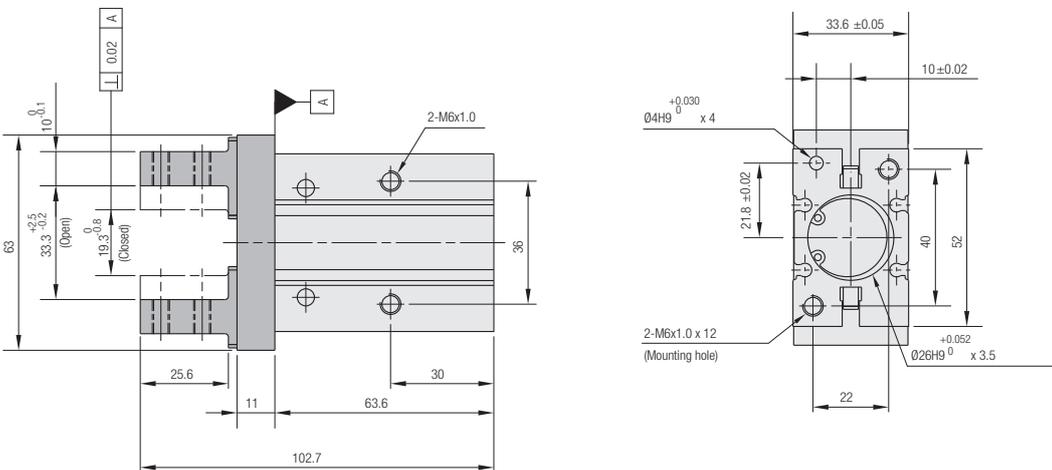


GR01F 020



When using square type sensor, through hole mounting is not possible.

GR01F 025



※ When using square type sensor, through hole mounting is not possible.