

New

SERIE GR01F - PINZE PNEUMATICHE

PNEUMATIC GRIPPER
PNEUMATISCHE GREIFER
PINCE PNEUMATIQUE
PINZA NEUMÁTICA
GARRA PNEUMÁTICA



CARATTERISTICHE TECNICHE

TECHNICAL CHARACTERISTICS
TECHNISCHE ANGABEN
CARACTÉRISTIQUES TECHNIQUES
CARACTERÍSTICAS TÉCNICAS
CARACTERÍSTICAS TÉCNICAS



1907/2006

REACH

2011/65/CE

RoHS

SILICON
FREE

PED
2014/68/UE

Materiali

IT

- Corpo: Lega Alluminio
- Stelo: Acciaio
- Guarnizioni: NBR

Materials

GB

- Body: Anodized Aluminum alloy
- Piston rod: Anodized Aluminum alloy
- NBR seal

Materialien

DE

- Körper: eloxierte Aluminium-Legierung
- Kolbenstange: eloxierte Aluminium-Legierung
- Dichtungen: NBR

Matériaux

FR

- Corps: alliage d'aluminium anodisé
- Tige: alliage d'aluminium anodisé
- Joints NBR

Materiales

ES

- Cuerpo: Aleación de aluminio anodizado
- Eje: Aleación de aluminio anodizado
- Juntas en NBR

Materiais

PT

- Corpo: Liga de alumínio
- Haste: Aço
- Vedações: NBR



Pressioni

Pressures

Druckbereich

Pressions

Presiones

Pressões

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



Temperature

Temperatures

Temperatur

Températures

Temperaturas

Temperaturas

-10 °C
+ 60 °C



Fluidi compatibili

Aria (Lubrificazione non necessaria).

Fluids

Air (Lubrication not necessary).

Geeignete Medien

Luft (Schmierung nicht erforderlich).

Fluides compatibles

Air (Lubrification pas nécessaire).

Fluidos compatibles

Aire (Lubrificación no necesaria).

Fluidos compatíveis

Ar (Lubrificação não necessária).



Alesaggi

Bores

Durchmesser

Diamètres

Diámetros

Diâmetros

10-16-20-25 mm



Ripetibilità

Action tolerance

Wiederholgenauigkeit

Répétitivité

Repetibilidad

Repetibilidade

± 0,01 mm



Frequenza massima d'esercizio

Max. Operating frequency

Maximale Betriebsfrequenz

Fréquence d'utilisation maximum

Frecuencia máxima de ejercicio

Frequência máxima de trabalho

180 c.p.m.



Ø	Gripping Force (5 bar)		Opening/Closing angle both sides (mm)	Weight excluding Sensor (g)
	Holding moment (effective value)			
	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



Tabella dei codici di ordinazione

Ordering codes

Bestellschlüssel

Code de commande

Tabla de codificación para pedidos

Tabela de codificação para compra

SERIE	Ø mm
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G R O 1 F **0 1 0**

Doppio Effetto Magnetico
 Double Acting Magnetic
 Doppeltwirkend Magnetisch
 Double Effet Magnétique
 Doble efecto magnético
 Dupla Ação Magnético

010
 016
 020
 025



Sensori consigliati

Sensors recommended

Empfohlene Sensoren

Capteurs recommandés

Sensores recomendados

Sensores aconselhados

DC 03 PM8

DC 04 PM8

DC 03 P2M

DC 04 P2M



Adattatore per sensore

Sensor adapter

Sensor Adapter

Adaptateur pour capteur

Adaptador para sensor

Adaptador para sensor

DC 10 001



Punto di presa esterna

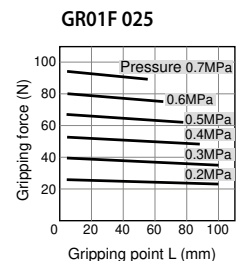
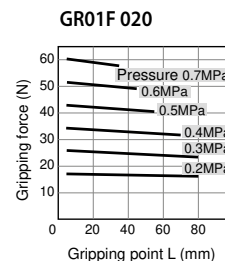
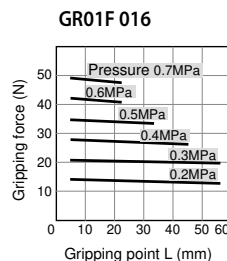
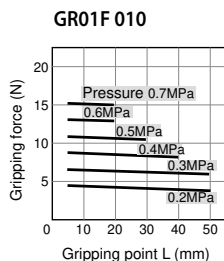
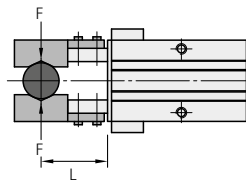
External Gripping point

Externer Greifpunkt

Force de préhension externe

Punto de agarre externo

Ponto de pega externo



Punto di presa interna

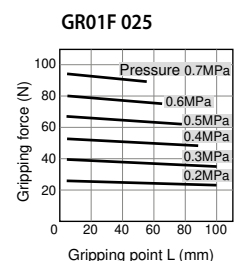
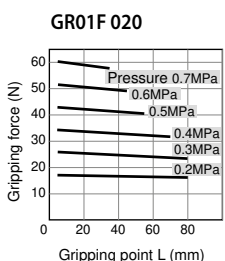
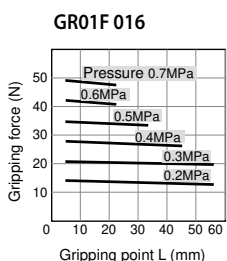
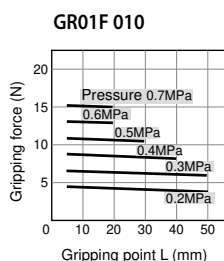
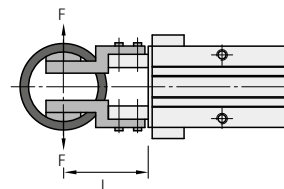
Internal Gripping point

Interner Greifpunkt

Force de préhension interne

Punto de agarre interno

Ponto de pega interno





IT

- La pinza automatica deve essere azionata in modo tale che il punto di presa del carico "L" e il totale del braccio "H" si trovino entro il campo indicato per ogni pressione d'esercizio riportata nei grafici.
- Se il punto di presa oltrepassa i limiti concessi, può compromettere la durata della pinza.

GB

- 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.

DE

- Der automatische Greifer muss so betrieben werden, dass der Greifpunkt der Last "L" und der ganze Arm "H" sich innerhalb des im Diagramm beschriebenen Druckbereichs befinden.
- Wenn der Greifpunkt über die Bereichsgrenzen geht, kann es die Haltbarkeit des Greifers beeinträchtigen.

FR

- La pince pneumatique doit être utilisée d'une manière telle que le point "L" et le total du bras "H" de sortie de charge soient dans la plage de valeurs indiquée pour chaque pression de fonctionnement donnée dans les graphiques.
- Sortie de cette plage de valeur, la durée de vie de la pince peut être affectée.

ES

- La pinza automática debe ser accionada en modo que el punto de agarre de la carga "L" y el total de brazo "H" de encuentren dentro del campo indicado para cada presión de ejercicio indicada en el gráfico.
- Si el punto de agarre supera los límites permitidos, puede poner el peligro la durabilidad de la pinza.

PT

- A garra deve ser aplicada de modo tal que o ponto de pega da carga "L" e o total do braço "H" se encontrem dentro dos limites indicados para cada pressão de trabalho e que são apresentados no gráfico ao lado.
- Se o ponto de pega estiver além dos limites apresentados, isto terá um efeito adverso na vida útil da garra.

Punto di presa esterna

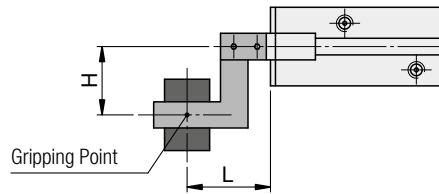
External Gripping point

Externer Greifpunkt

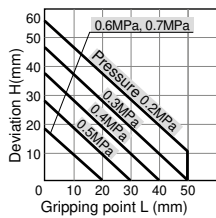
Force de préhension externe

Punto de agarre externo

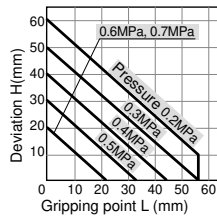
Ponto de pega externo



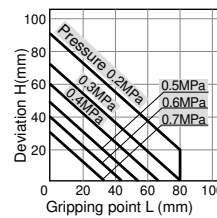
GR01F 010



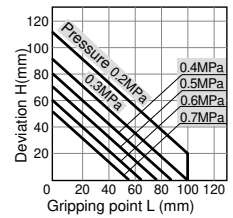
GR01F 016



GR01F 020



GR01F 025



Punto di presa interna

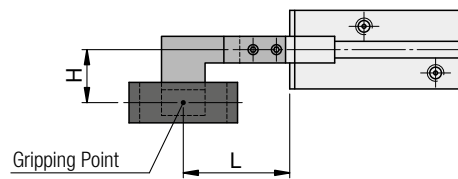
Internal Gripping point

Interner Greifpunkt

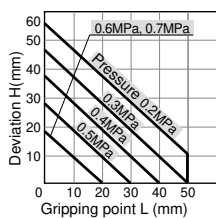
Force de préhension interne

Punto de agarre interno

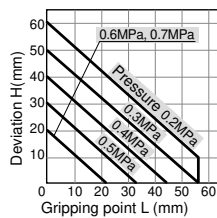
Ponto de pega interno



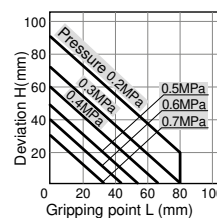
GR01F 010



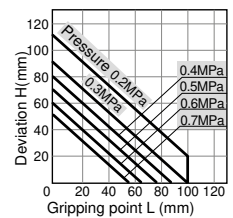
GR01F 016



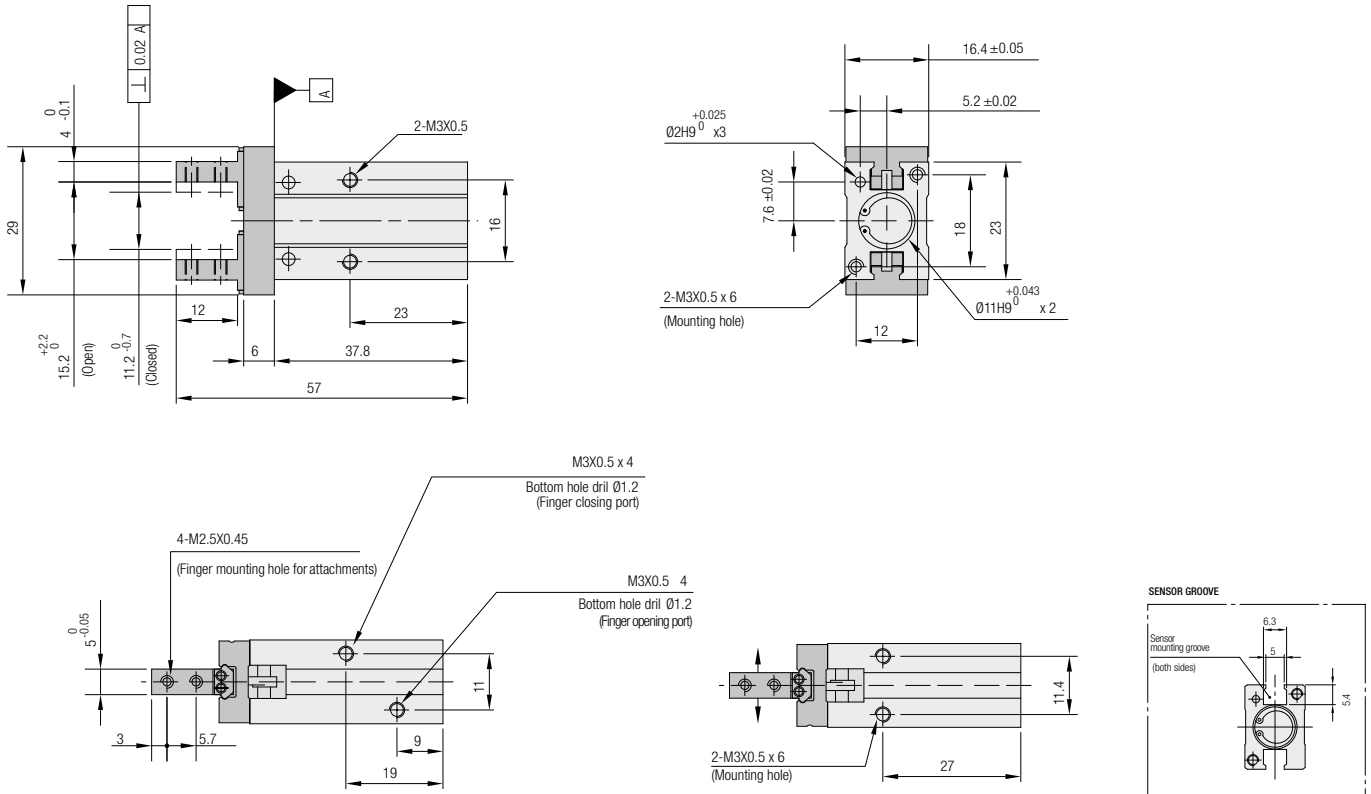
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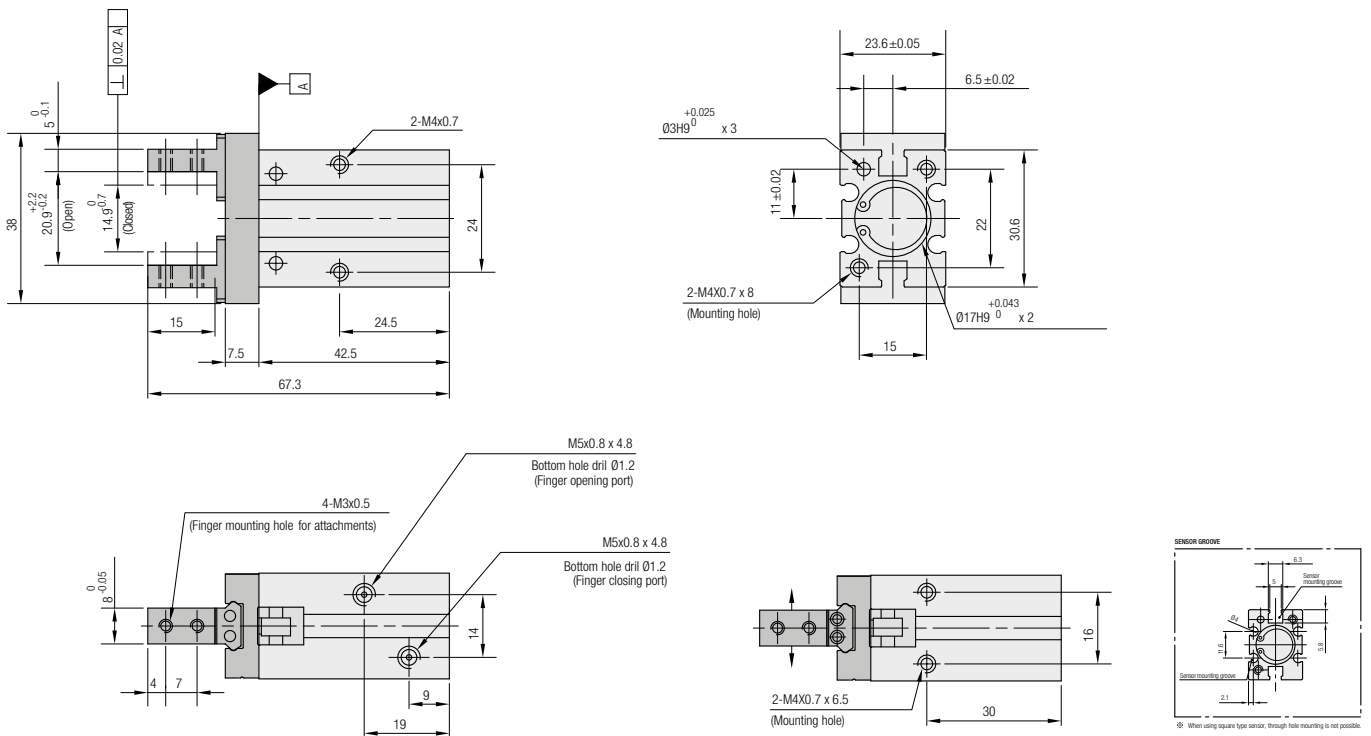
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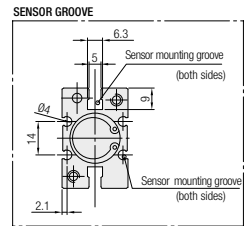
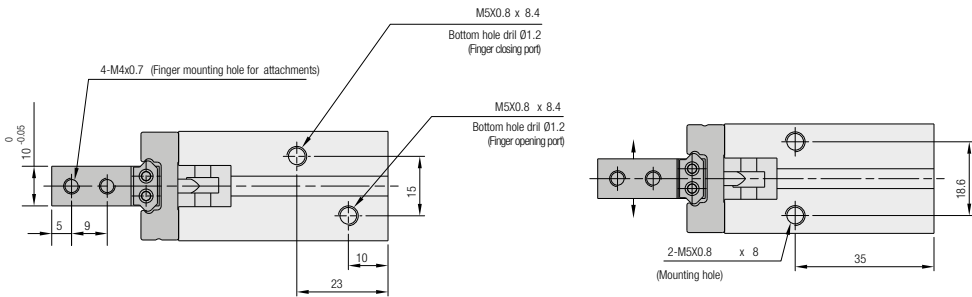
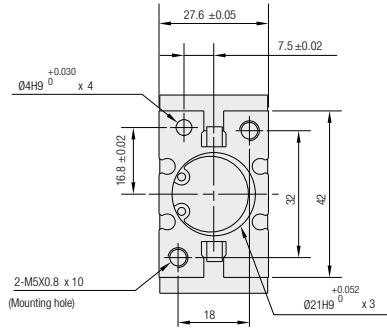
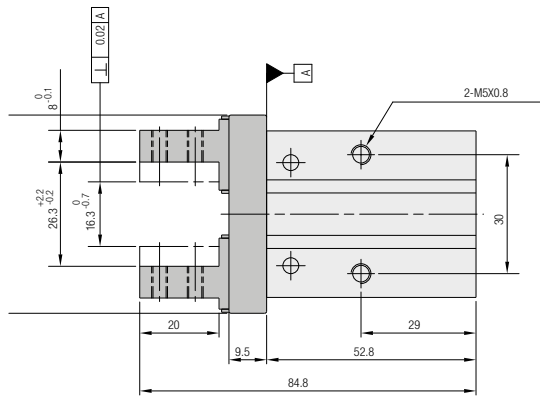
GR01F 010



GR01F 016

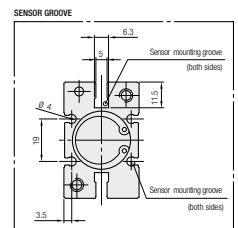
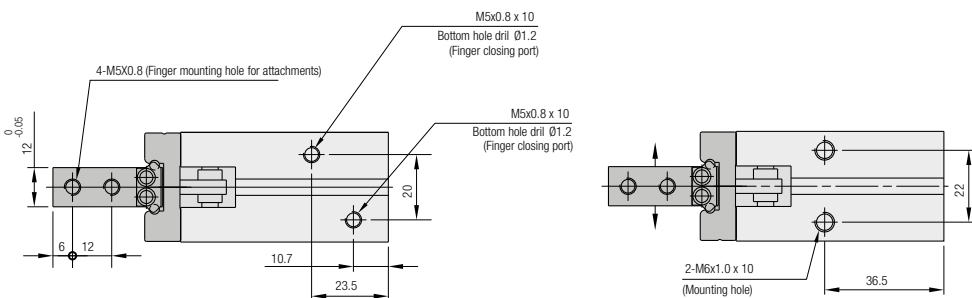
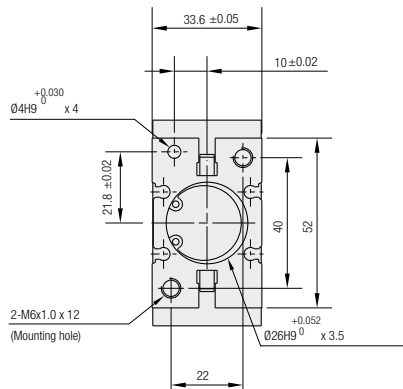
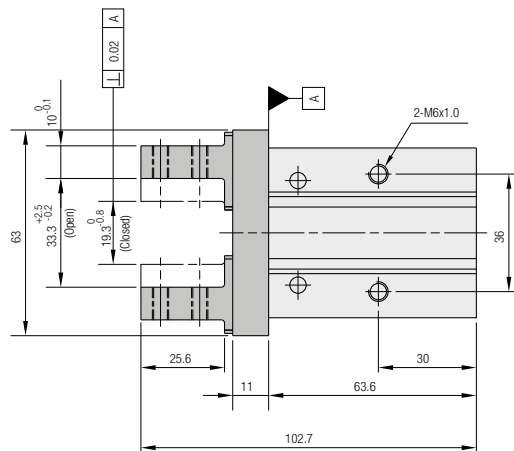


GR01F 020



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

GR01F 025



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