

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

Materiali • Corpo: Lega Alluminio • Stelo: Acciaio • Guarnizioni: NBR	IT	Materials • Body: Anodized Aluminum alloy • Piston rod: Anodized Aluminum alloy • NBR seal	GB	Materialien • Körper: eloxierte Aluminium-Legierung • Kolbenstange: eloxierte Aluminium-Legierung • Dichtungen: NBR	DE
Matériaux • Corps: alliage d'aluminium anodisé • Tige: alliage d'aluminium anodisé • Joints NBR	FR	Materiales • Cuerpo: Aleación de aluminio anodizado • Eje: Aleación de aluminio anodizado • Juntas en NBR	ES	Materials • Corpo: Liga de alumínio • Haste: Aço • Vedações: NBR	PT



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 0 1 F 0 1 0

Doppio Effetto Magnetico 010
 Double Acting Magnetic 016
 Doppelwirkend Magnetisch 020
 Double Effet Magnétique 025
 Doble efecto magnético
 Dupla Ação Magnético



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

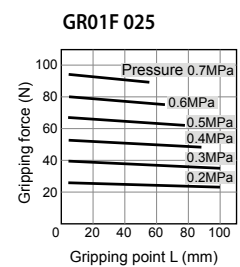
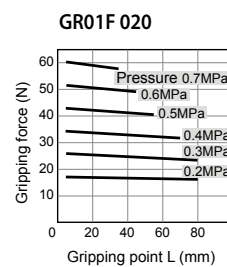
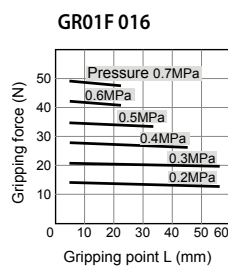
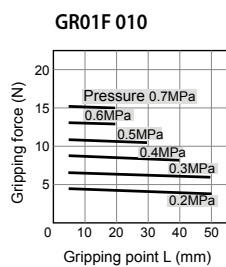
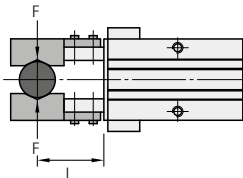
External Gripping point

Externer Greifpunkt

Force de préhension externe

Punto de agarre externo

Ponto de pega externa



Punto di presa interna

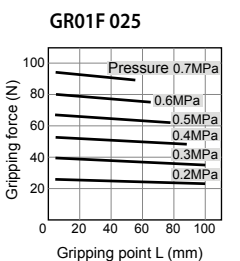
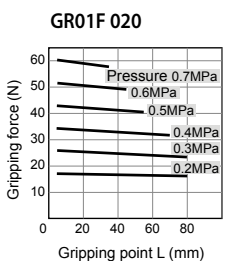
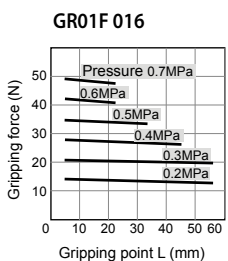
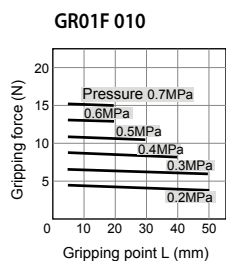
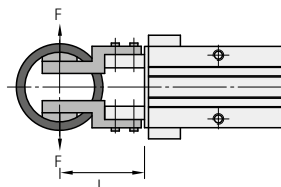
Internal Gripping point

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

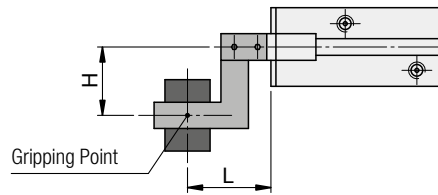
External Gripping point

Externer Greifpunkt

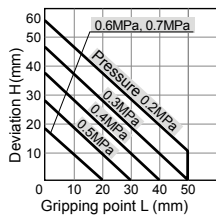
Force de préhension externe

Punto de agarre externo

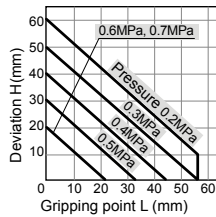
Ponto de pega externo



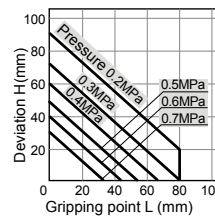
GR01F 010



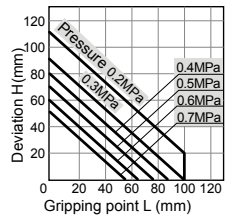
GR01F 016



GR01F 020



GR01F 025



Punto di presa interna

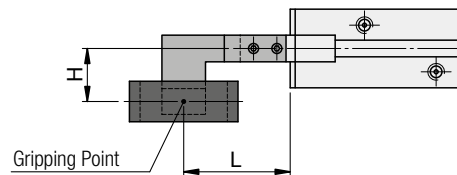
Internal Gripping point

Interner Greifpunkt

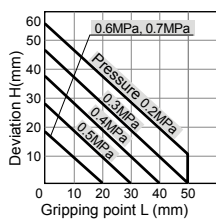
Force de préhension interne

Punto de agarre interno

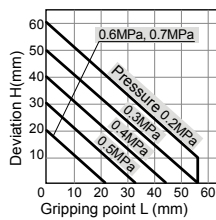
Ponto de pega interno



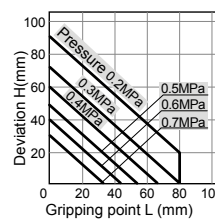
GR01F 010



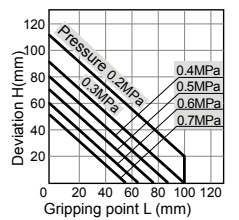
GR01F 016



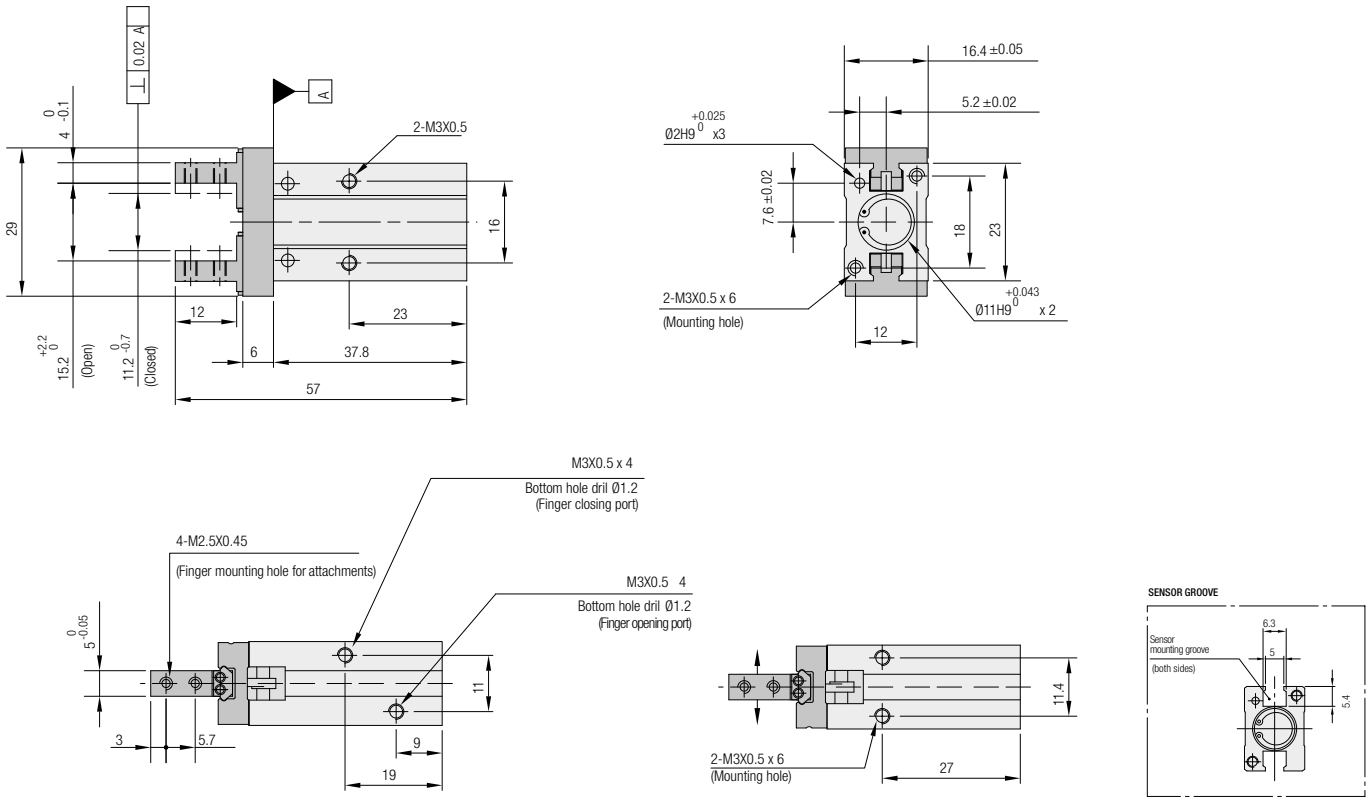
GR01F 020



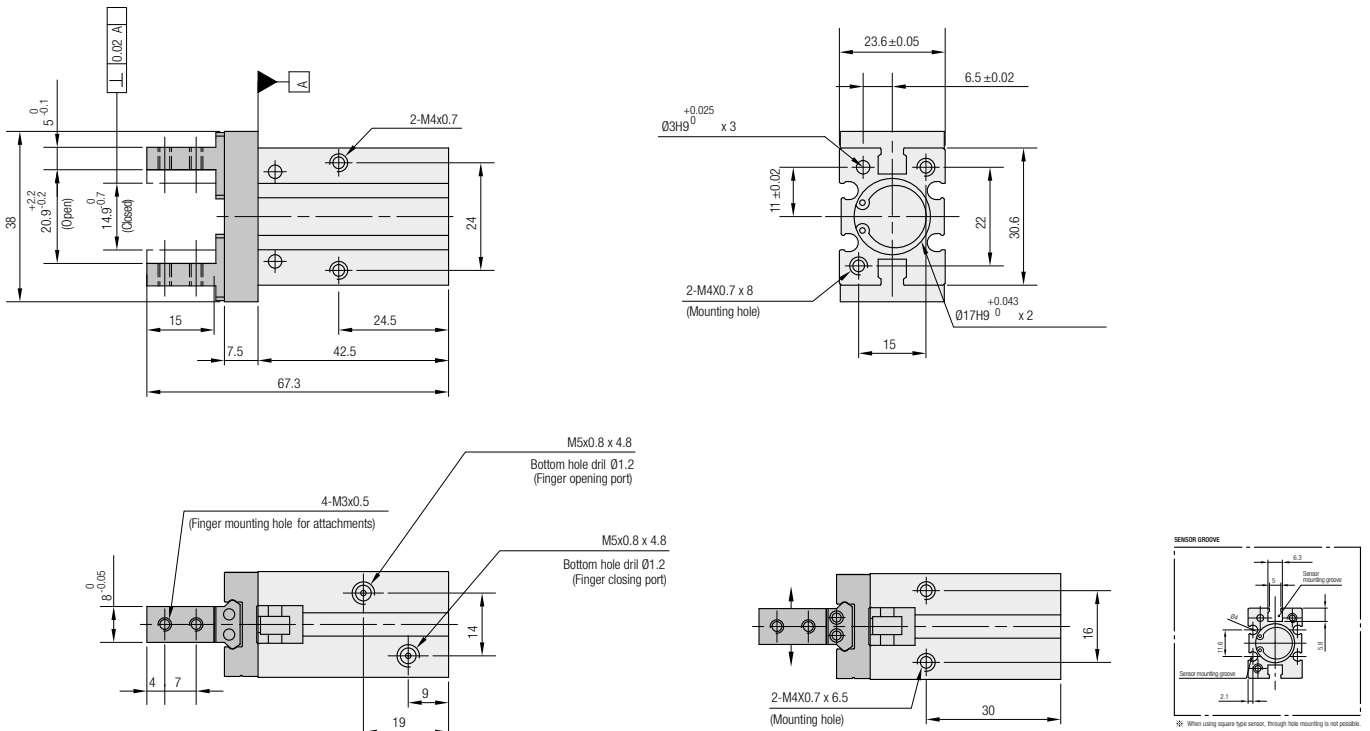
GR01F 025



GR01F 010

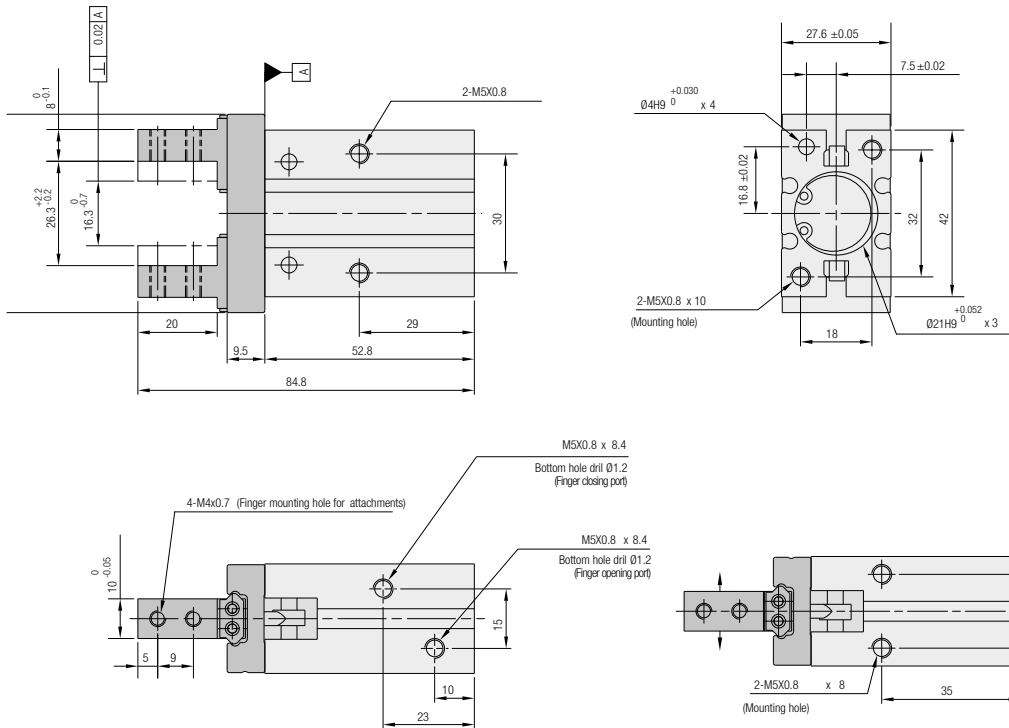


GR01F 016



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

GR01F 020



GR01F 025

