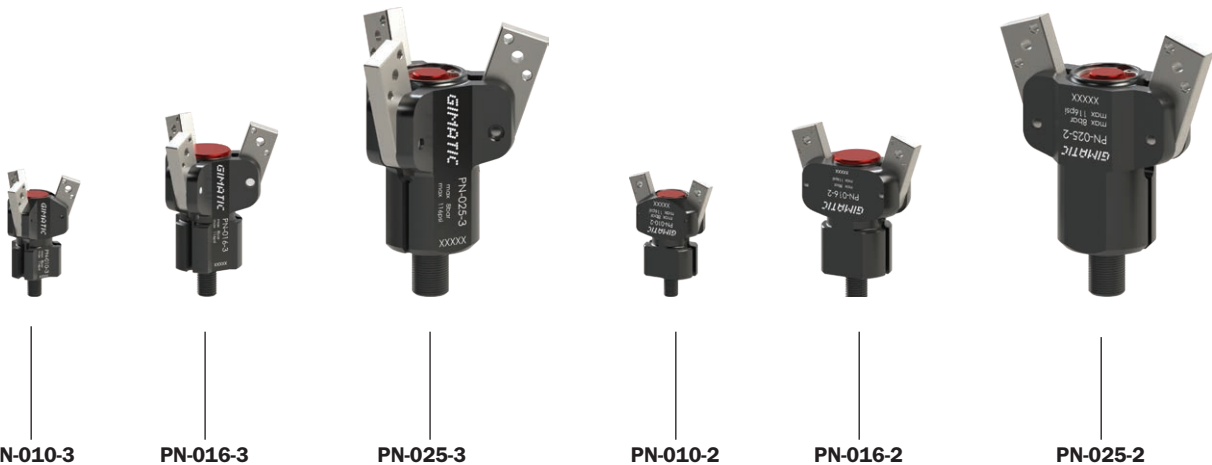


Pinze pneumatiche ad azione basculante autocentrante

- Azionamento a doppio effetto.
- Rendimento ed affidabilità elevati, dovuti all'assenza di organi di trasmissione.
- Possibilità di scelta: 2 o 3 griffe.
- Sensori magnetici opzionali.
- Grasso alimentare FDA-H1.

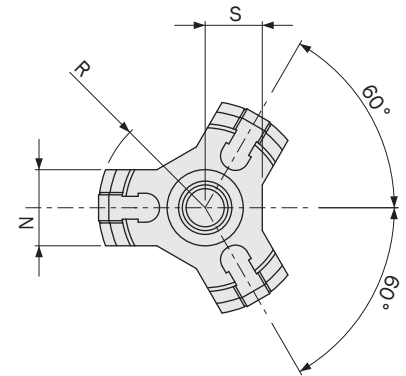
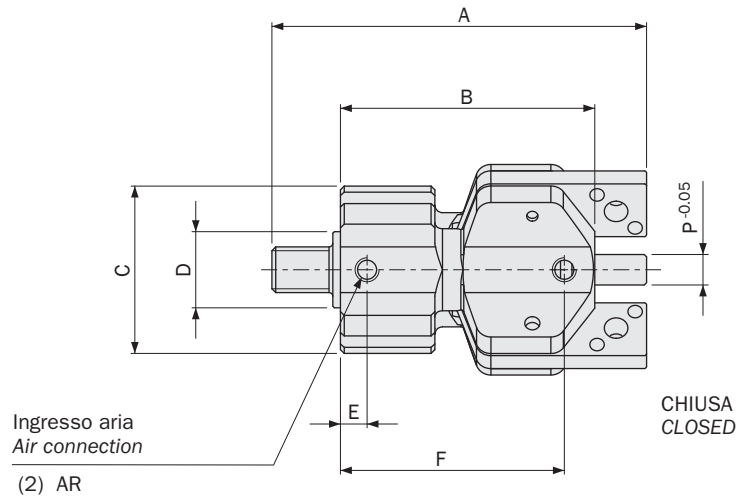
Self-centering angular pneumatic grippers

- Double acting.
- High efficiency and reliability due to the lack of driving parts.
- 2 or 3 jaws.
- Optional magnetic sensors.
- FDA-H1 food-grade grease.



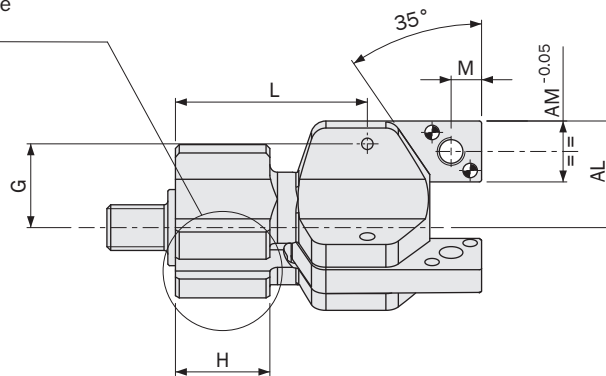
	PN-010-3	PN-010-2	PN-016-3	PN-016-2	PN-025-3	PN-025-2
Azionamento Design	Pinza pneumatica ad azionamento basculante autocentrante Self - centering angular motion gripper					
Fluido Medium	Aria compressa a norma ISO 8573-1:2010 [7:4:4] Compressed air in compliance with ISO 8573-1:2010 [7:4:4]					
Pressione di esercizio Compressed air control range	2 ÷ 8 bar					
Corsa Stroke	(± 1°)	3 x 19°	2 x 19°	3 x 19°	2 x 19°	3 x 19°
Temperatura di esercizio Permitted temperature range	5 ÷ 60°C.					
Coppia di serraggio per ogni griffa a 6 bar Maximum gripper torque at 6 bar on each jaw	10 Ncm	15 Ncm	38 Ncm	57 Ncm	166 Ncm	249 Ncm
Coppia di serraggio totale a 6 bar Total gripper torque at 6 bar	30 Ncm		114 Ncm		498 Ncm	
Tempo di chiusura a 6 bar senza carico Closing time at 6 bar without load	0.02 s		0.03 s		0.06 s	
Frequenza max funzionamento continuativo a 6 bar Maximum working frequency at 6 bar	3 Hz				2 Hz	
Consumo d'aria per ciclo a 6 bar Air consumption for cycle at 6 bar	0.49 cm³		2.61 cm³		10.8 cm³	
Ripetibilità Repetition accuracy	0.1°				0.1°	
Peso Weight	36 g	33 g	110 g	100 g	410 g	960 g

Dimensioni (mm)
Dimensions (mm)



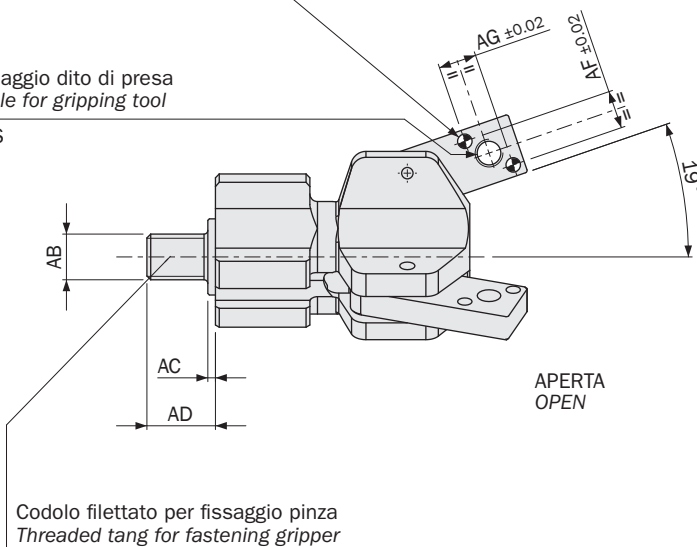
FIRST ANGLE
PROJECTION

Sede per sensore
Sensor slot

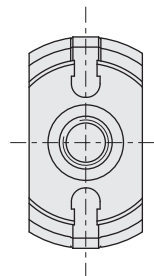
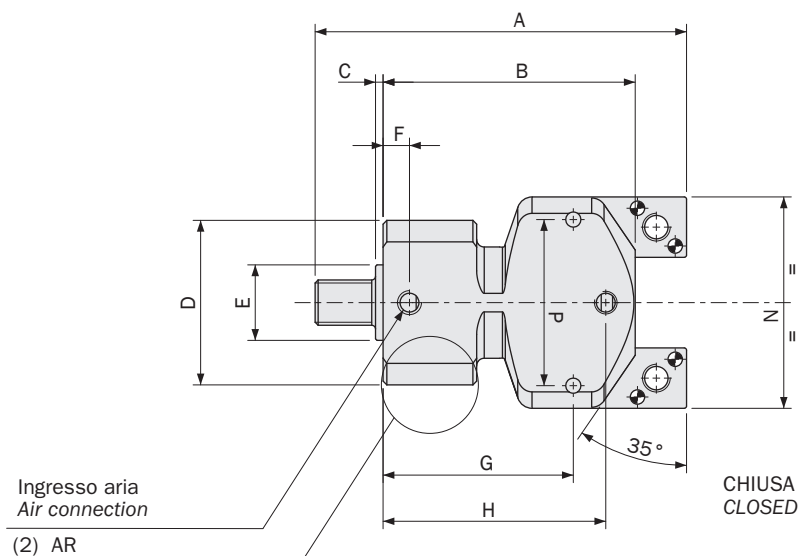


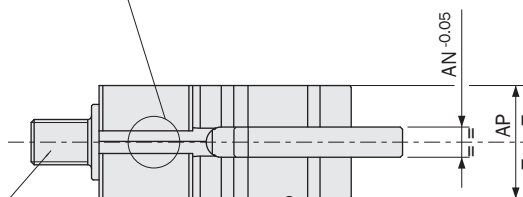
Foro di riferimento dito di presa
Dowel pin hole for gripping tool
(2+2+2) AT

Foro per fissaggio dito di presa
Threaded hole for gripping tool
(1+1+1) AS



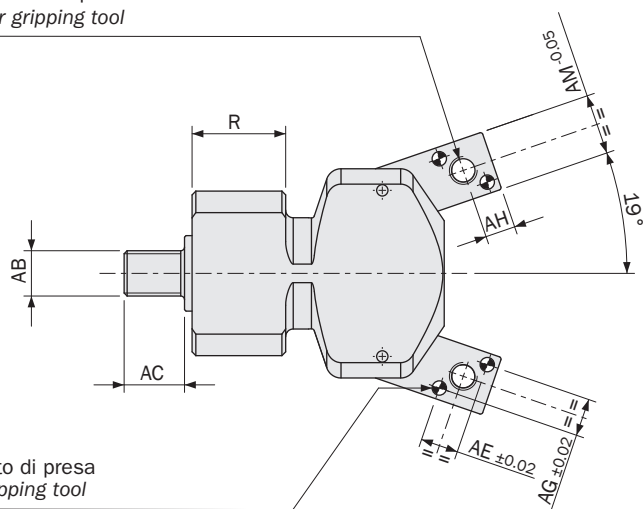
	PN-010-3	PN-016-3
A	49.2	70.5
B	33.4	48.2
C	Ø22	Ø28.8
D	Ø10 h8	Ø10 h8
E	3.5	4.5
F	29.4	41
G	11	17.5
H	12.4	19.5
L	25.2	36
M	4	5.5
N	10	15
P	4	6
R	Ø28	Ø44
S	7.5	11
AB	M6	M8
AC	1	1
AD	9	12.5
AF	5	8
AG	5	7
AL	14	22
AM	8	12
AR	M3	M5
AS	M3	M4
AT	Ø1.5 H8	Ø2 H8

Dimensioni (mm)
Dimensions (mm)

 FIRST ANGLE
PROJECTION

 Sede per sensore
 Sensor slot

 Codolo filettato per fissaggio pinza
 Threaded tang for fastening gripper

 Foro per fissaggio dito di presa
 Threaded hole for gripping tool

(1+1) AS

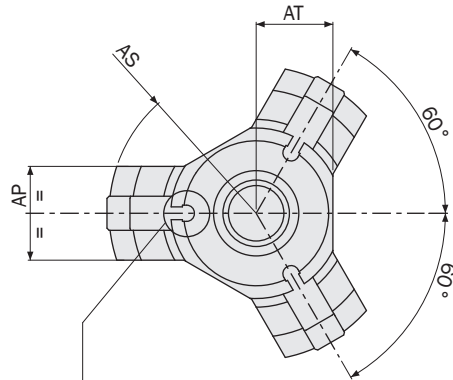
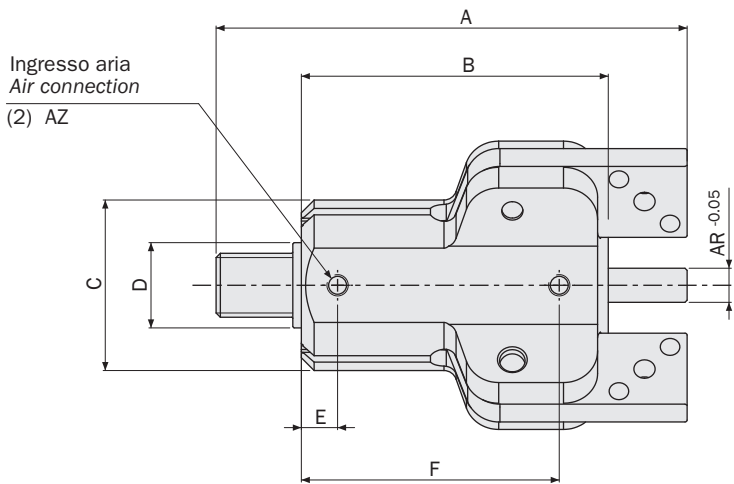

 Foro di riferimento dito di presa
 Dowel pin hole for gripping tool

(2+2) AT

 APERTA
 OPEN

	PN-010-2	PN-016-2
A	49.2	70.5
B	33.4	48.2
C	1	1
D	Ø22	Ø28.8
E	Ø10 h8	Ø10 h8
F	3.5	4.5
G	25.2	36
H	29.5	41
N	28	44
P	22	35
R	12.4	19.5
AB	M6	M8
AC	8	11.5
AE	5	7
AG	5	8
AH	4	5.5
AM	8	12
AN	4	6
AP	15	22
AR	M3	M5
AS	M3	M4
AT	Ø1.5 H8	Ø2 H8
AV	Ø28	Ø44

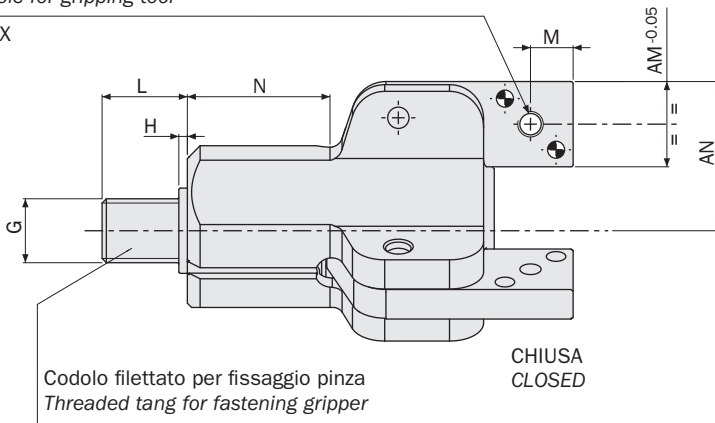
Dimensioni (mm)
Dimensions (mm)



FIRST ANGLE
PROJECTION

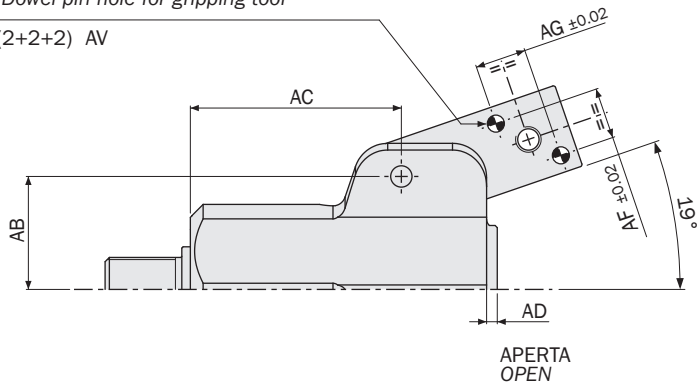
Foro per fissaggio dito di presa
Threaded hole for gripping tool

(1+1+1) AX



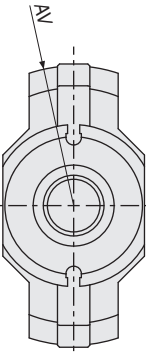
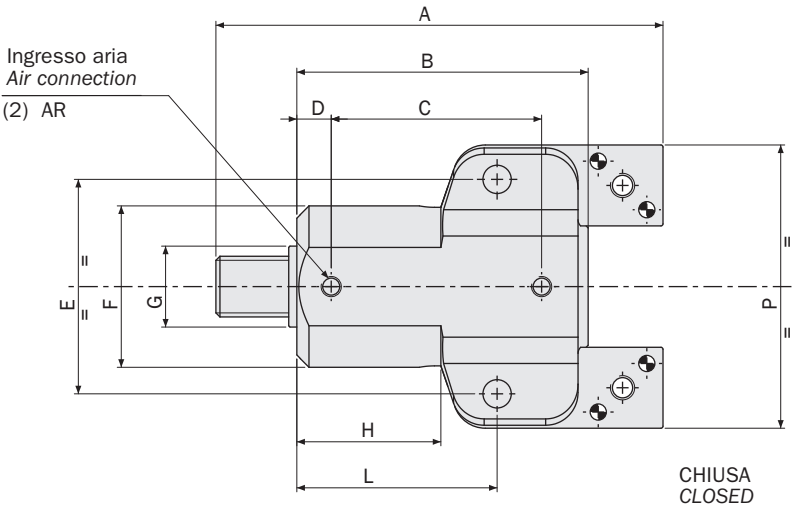
Foro di riferimento dito di presa
Dowel pin hole for gripping tool

(2+2+2) AV

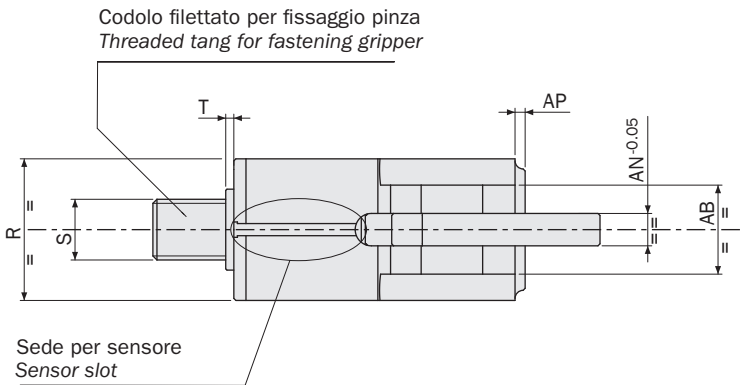


	PN-025-3
A	110.5
B	72
C	Ø40
D	Ø20 f7
E	8.5
F	60.5
G	M15x1
H	2
L	20
M	10
N	33.5
AB	26.5
AC	49.5
AD	2.5
AF	12
AG	12
AM	20
AN	35
AP	22
AR	8
AS	Ø69
AT	18
AV	Ø4 H8
AX	M6
AZ	M5

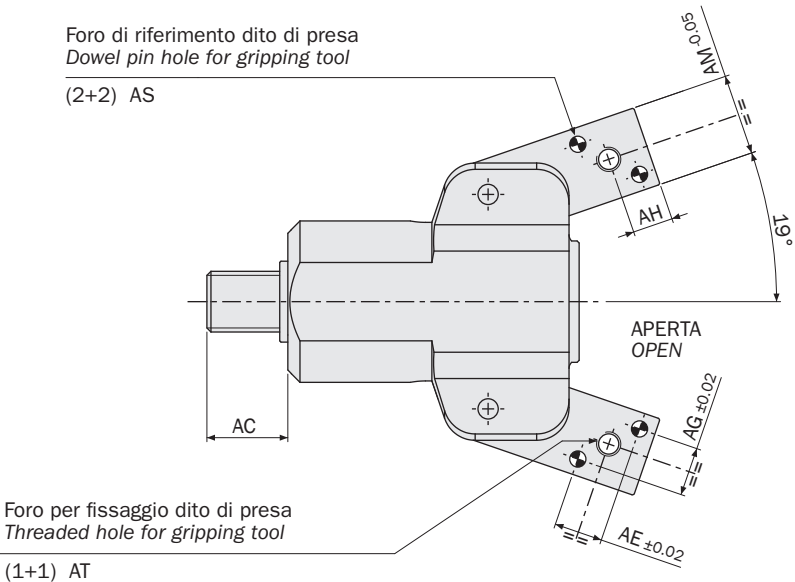
Dimensioni (mm)
Dimensions (mm)



FIRST ANGLE
PROJECTION



Foro di riferimento dito di presa
Dowel pin hole for gripping tool
(2+2) AS



	PN-025-2
A	110.5
B	72
C	52
D	8.5
E	53
F	Ø40
G	Ø20 f7
H	35.6
L	49.5
P	70
R	35
S	M15x1
T	2
AB	22
AC	20
AE	12
AG	12
AH	10
AM	20
AN	8
AP	2.5
AR	M5
AS	Ø4 H8
AT	M6
AV	Ø69

Sensori

Il rilevamento della posizione di lavoro è affidata ad uno o più sensori magnetici di prossimità inseriti nelle guide del corpo pinza.

Essi rilevano la posizione attraverso un magnete applicato sul pistone.

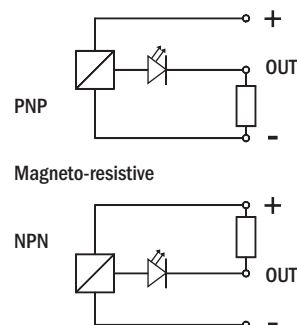
SN4N225-G	PNP	Cavo 2.5m 2.5m cable
SN4M225-G	NPN	
SN3N203-G	PNP	Connettore M8 M8 snap plug connector
SN3M203-G	NPN	

Sono tutti dotati di un cavo piatto a tre fili e di un led.

Sensors

The operating position is detected by proximity magnetic sensors, fitted in the guides of the gripper's body.

These sensors detect the position by means of a magnet placed on the piston.



They are all provided with a 3-wire flat cable and a LED.

