

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.

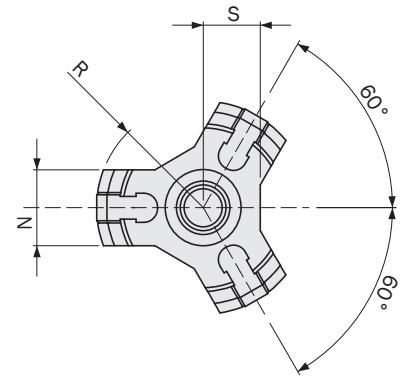
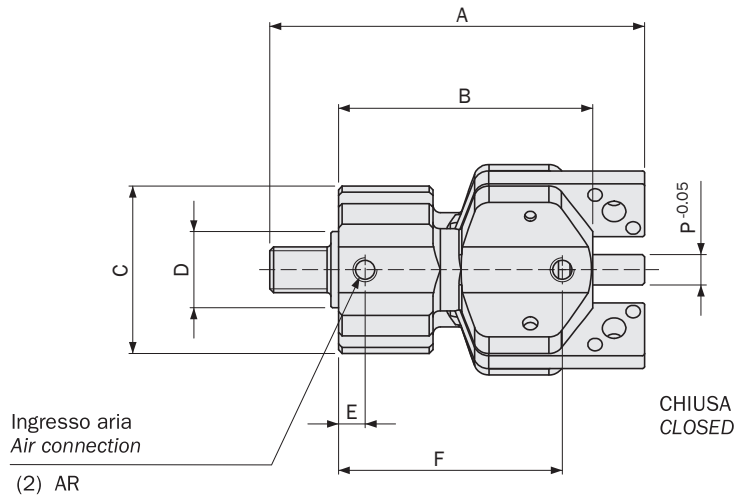
Self-centering angular pneumatic grippers

- 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.



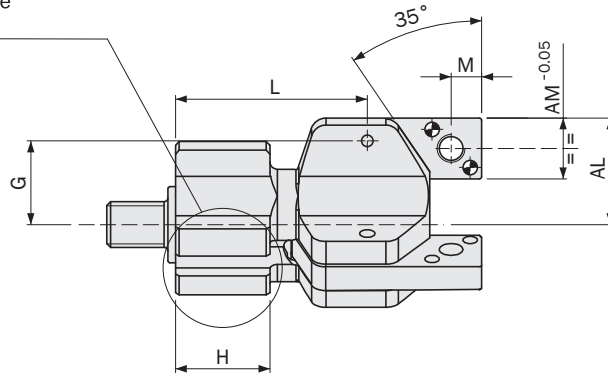
	PN-010-3	PN-010-2	PN-016-3	PN-016-2	PN-025-3	PN-025-2
Azionamento <i>Design</i>	Pinza pneumatica ad azionamento basculante autocentrante <i>Self - centering angular motion gripper</i>					
Fluido <i>Medium</i>	Aria compressa a norma ISO 8573-1:2010 [7:4:4] <i>Compressed air in compliance with ISO 8573-1:2010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

Dimensioni (mm)
Dimensions (mm)



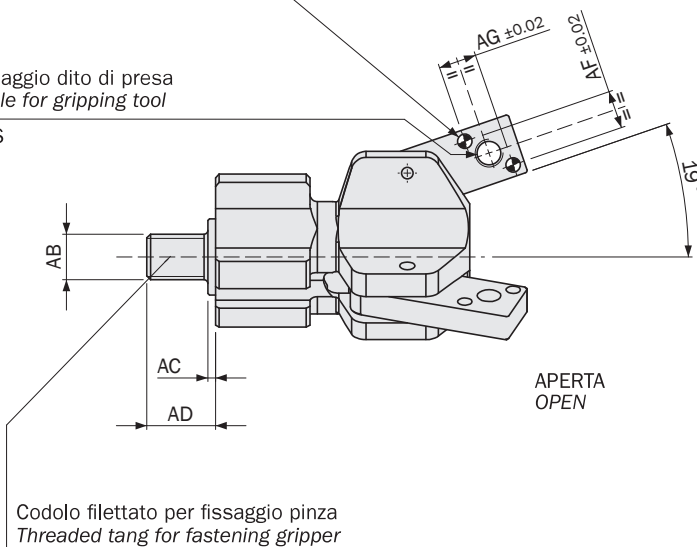
FIRST ANGLE
PROJECTION

Sede per sensore
Sensor slot



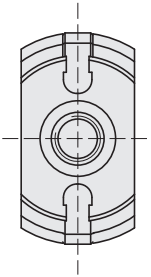
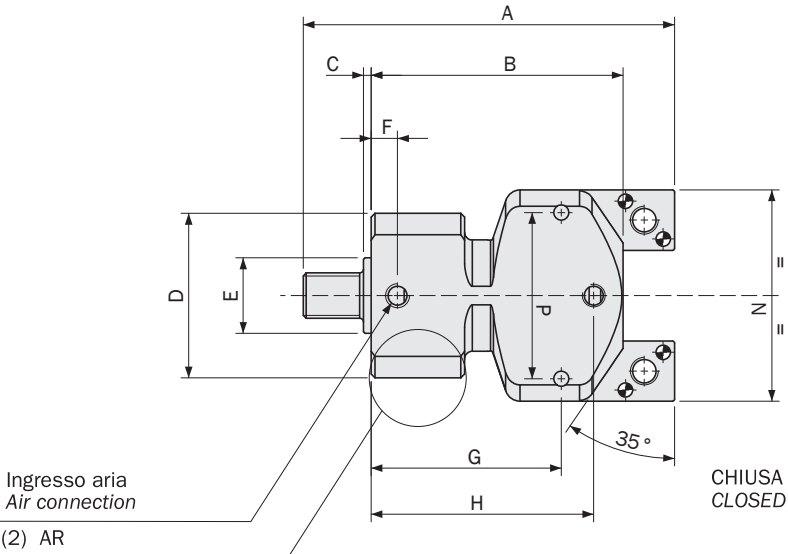
Foro di riferimento dito di presa
Dowel pin hole for gripping tool
(2+2+2) AT

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

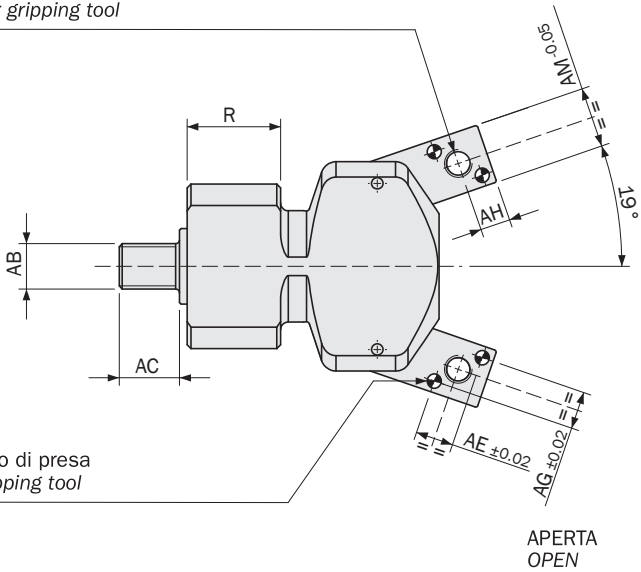
Dimensioni (mm)
Dimensions (mm)



FIRST ANGLE
PROJECTION

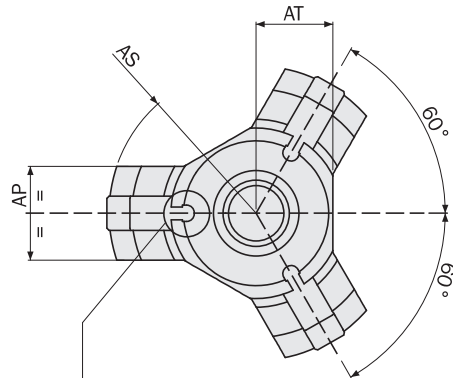
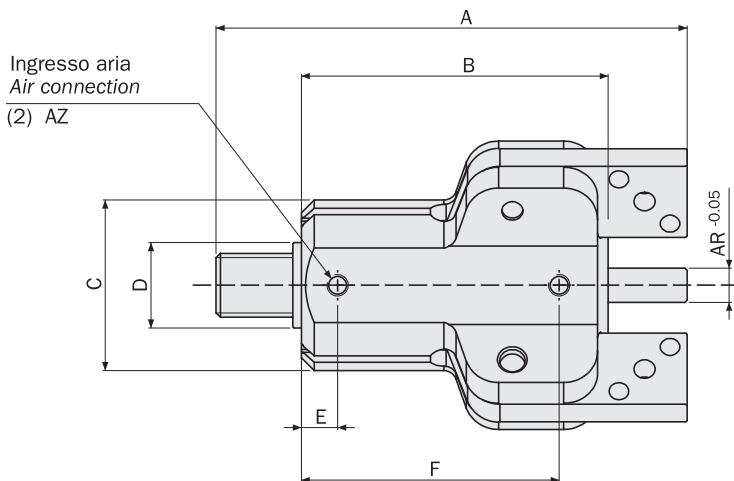
	PN-010-2	PN-016-2
A	49.2	70.5
B	33.4	48.2
C	1	1
D	Ø22	Ø28.8
E	Ø10 h8	Ø10 h8
F	3.5	4.5
G	25.2	36
H	29.5	41
N	28	44
P	22	35
R	12.4	19.5
AB	M6	M8
AC	8	11.5
AE	5	7
AG	5	8
AH	4	5.5
AM	8	12
AN	4	6
AP	15	22
AR	M3	M5
AS	M3	M4
AT	Ø1.5 H8	Ø2 H8
AV	Ø28	Ø44

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

Dimensioni (mm)
Dimensions (mm)

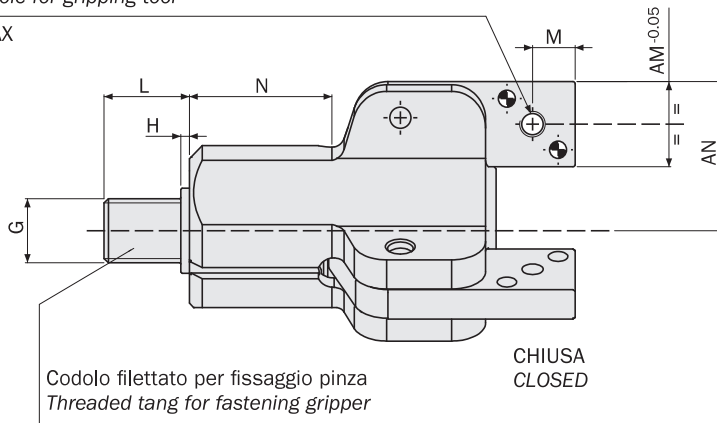


Sede per sensore
Sensor slot

FIRST ANGLE
PROJECTION

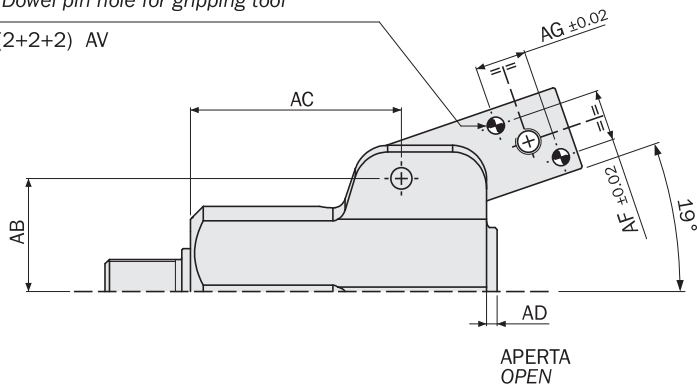
Foro per fissaggio dito di presa
Threaded hole for gripping tool

(1+1+1) AX



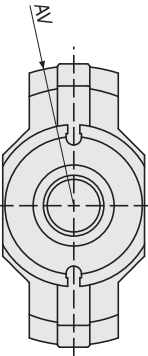
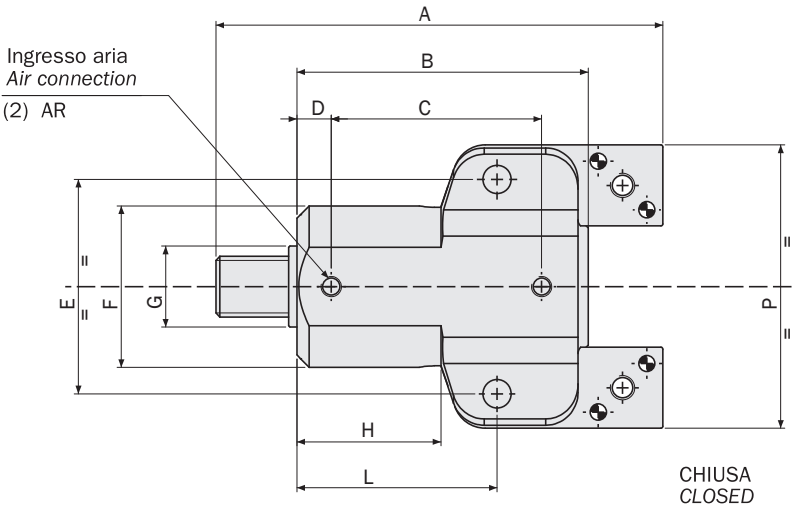
Foro di riferimento dito di presa
Dowel pin hole for gripping tool

(2+2+2) AV

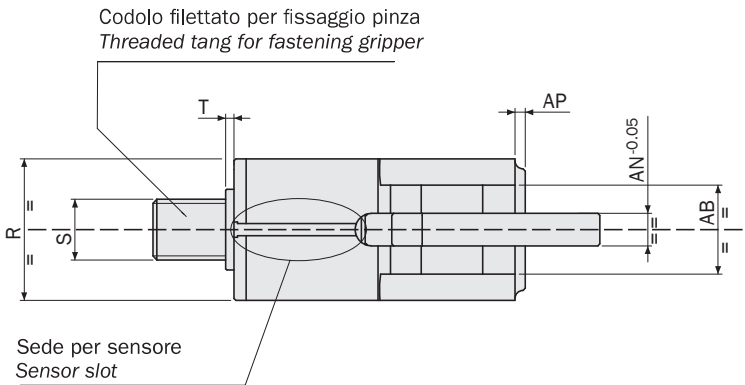


	PN-025-3
A	110.5
B	72
C	Ø40
D	Ø20 f7
E	8.5
F	60.5
G	M15x1
H	2
L	20
M	10
N	33.5
AB	26.5
AC	49.5
AD	2.5
AF	12
AG	12
AM	20
AN	35
AP	22
AR	8
AS	Ø69
AT	18
AV	Ø4 H8
AX	M6
AZ	M5

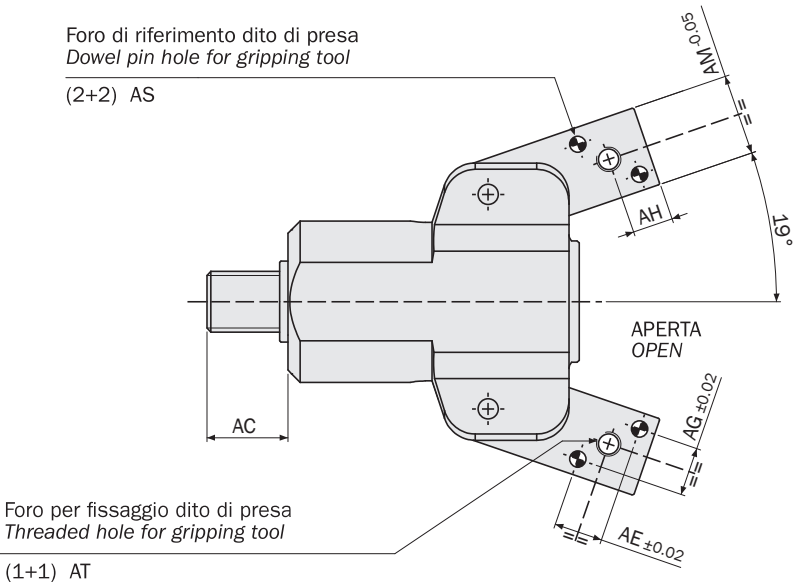
Dimensioni (mm)
Dimensions (mm)



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.

