COMPONENTI PNEUMATICI

pneumatic equipment

• I componenti prodotti dalla AZ Pneumatica sono il risultato di trentacinque anni di esperienza nel settore della distribuzione e controllo dell'aria compressa. I sistemi utilizzati nella produzione di serie garantiscono alta affidabilità e prestazioni in grado di soddisfare tutte le esigenze applicative.
Le più avanzate tecnologie di produzione assicurano alla AZ Pneumatica elevati standard qualitativi e consentono di adattare con grande flessibilità tutti i prodotti alle più svariate applicazioni, con l'obiettivo di offrire il prodotto giusto per ogni esigenza.

• *The equipment and components which AZ Pneumatica manufactures are the result of thirty-five years experience in the field of compressed air distribution and control. The design and production techniques which are employed for the complete range of valves guarantee high reliability and performance that will satisfy all applications. Thanks to investment in the latest production techniques AZ Pneumatica can guarantee a high standard of quality and a flexible approach to adapt the product range to customer requirements.*

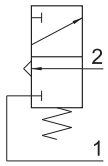
• AZ Pneumatica s.r.l. è azienda associata a
AZ Pneumatica s.r.l. is a member of

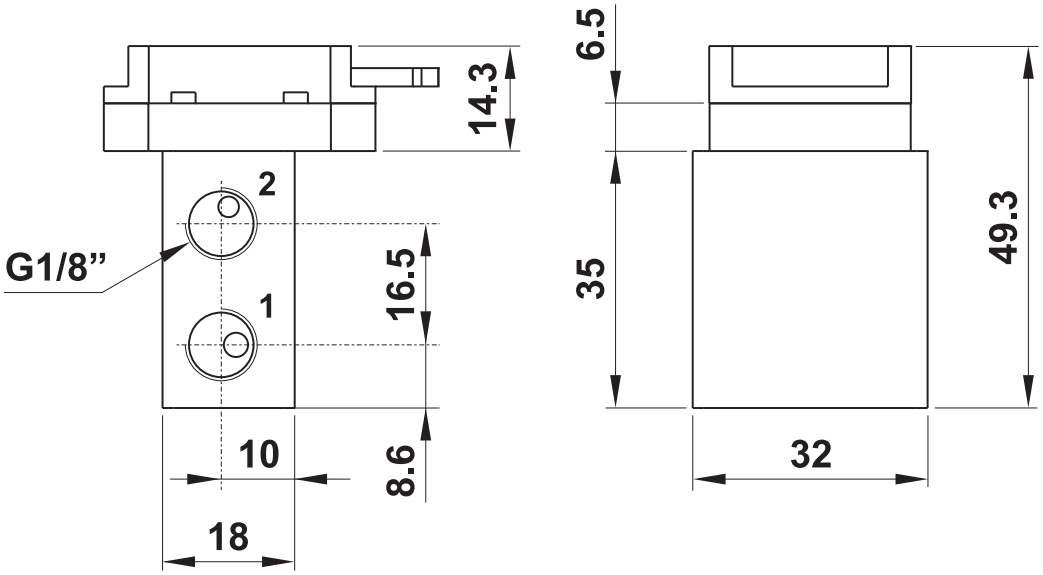
ASSOCIAZIONE ITALIANA DEI COSTRUTTORI ED OPERATORI
DEL SETTORE OLEOIDRAULICO E PNEUMATICO

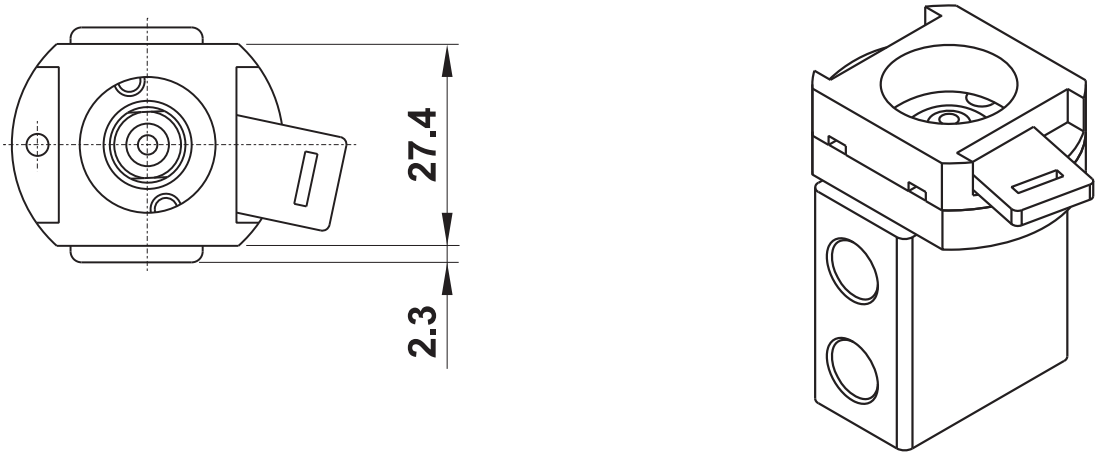
08.341.4

3/2 NC attacchi filettati G1/8" (laterali),
interfaccia per attuatore da pannello

3/2 NC G1/8" threaded ports (on the side),
actuator adaptor for panel mounting







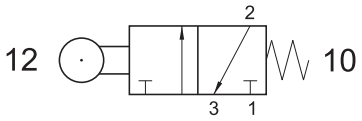
La valvola è venduta senza attuatore da pannello, facilmente reperibile sul mercato.
È una valida ed economica alternativa per la ricambistica.

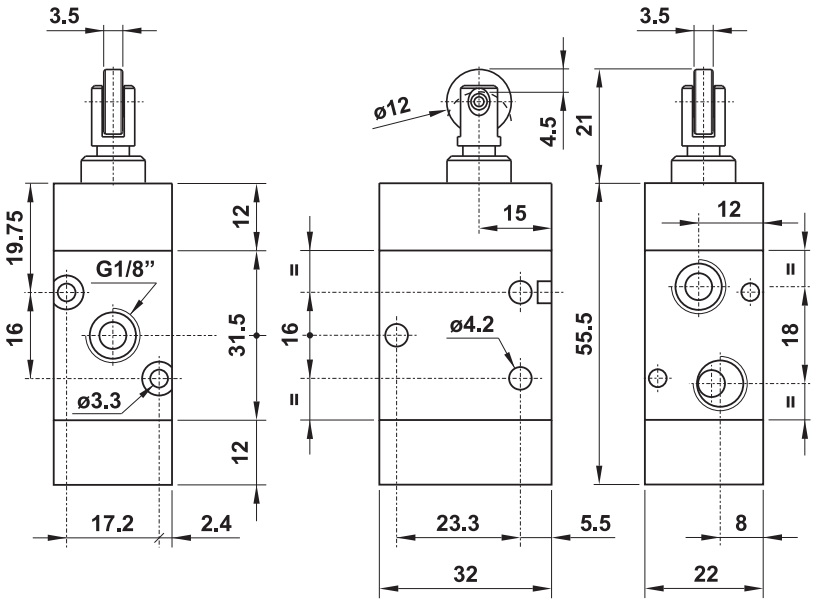
The valve is sold without actuator for panel mounting. The actuator can be easily found on the market. It is a realiable and cheap alternative as spare part.

321 MYR12

3/2 1/8" pulsante con cuscinetto a rullo - ritorno a molla

3/2 1/8" tappet with ball bearing - spring return

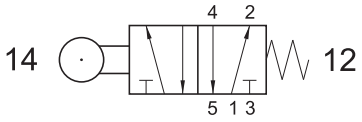


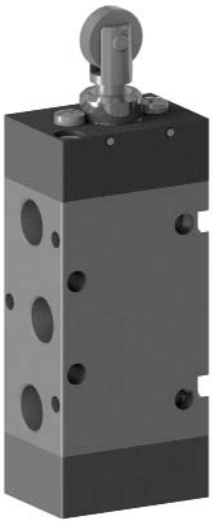


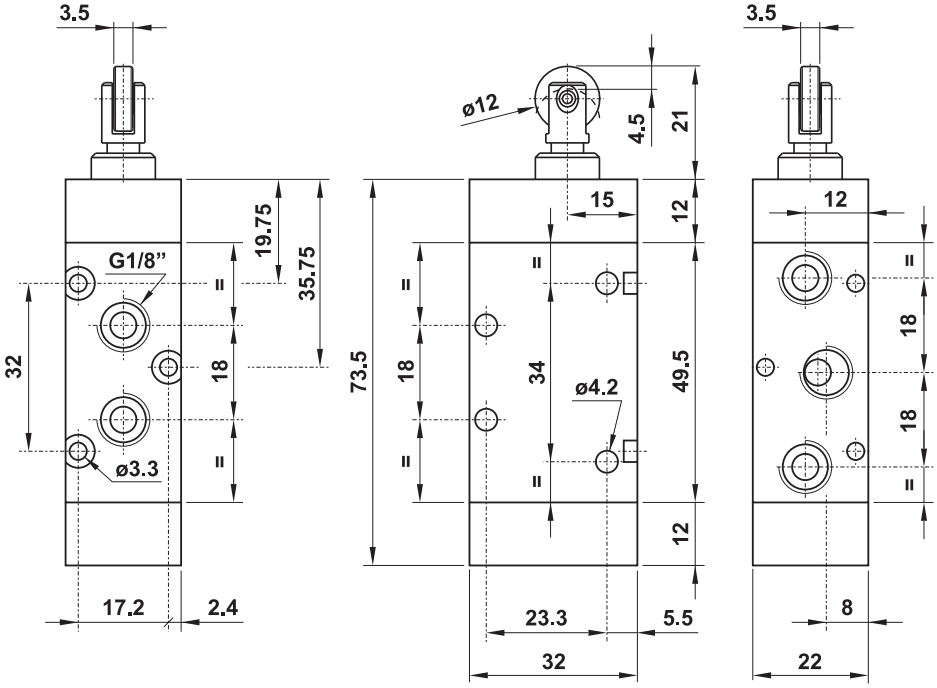
521 MYR12

5/2 1/8" pulsante con cuscinetto a rullo - ritorno a molla

5/2 1/8" tappet with ball bearing - spring return



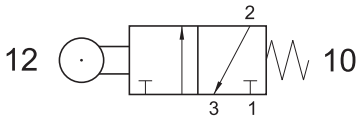


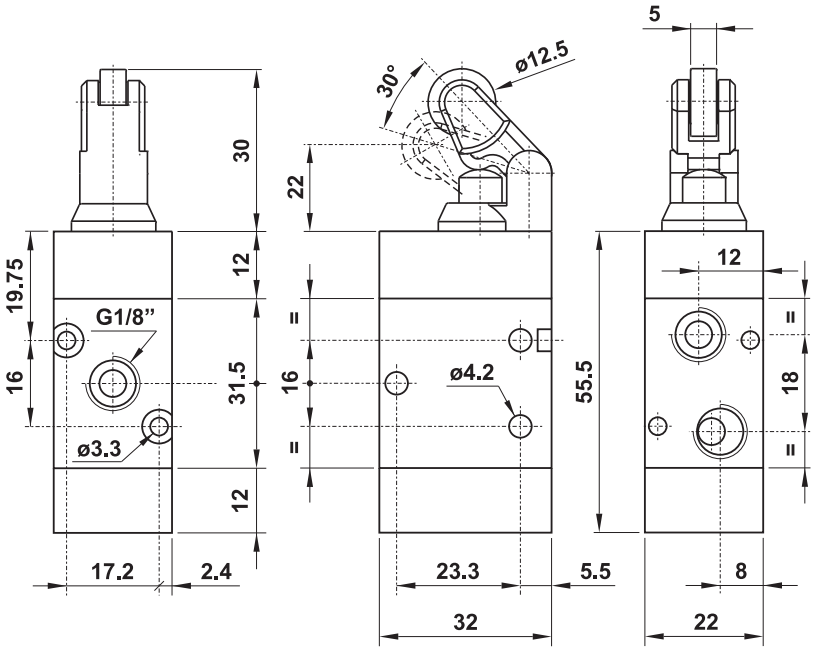


321 MYR31

3/2 1/8" leva rullo - ritorno a molla

3/2 1/8" roller lever - spring return

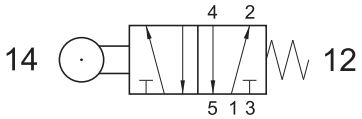


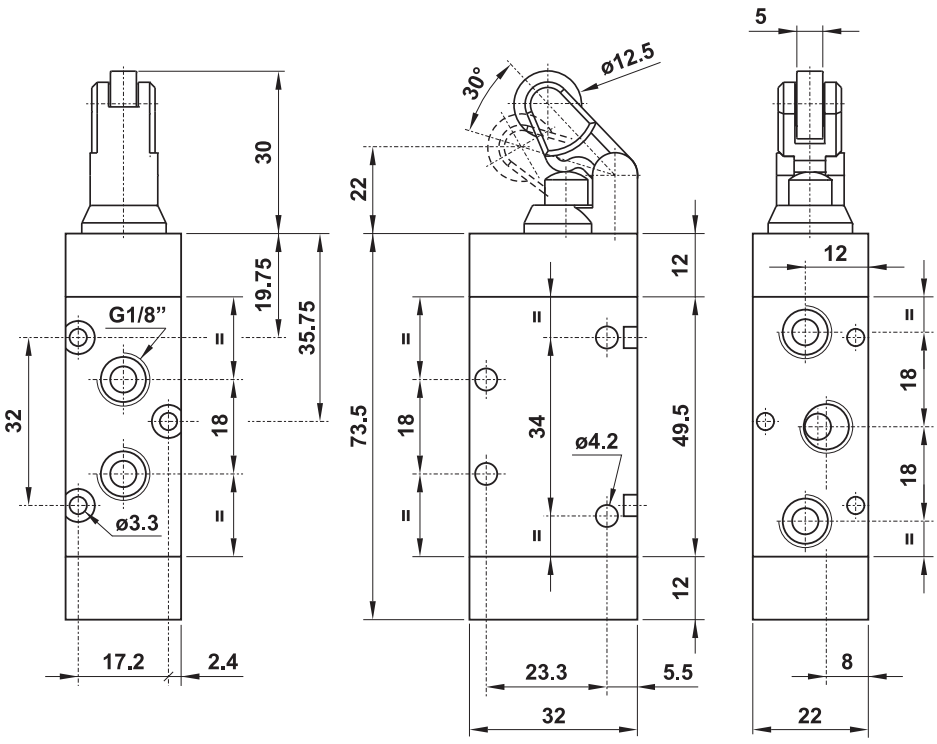


521 MYR31

5/2 1/8" leva rullo - ritorno a molla

5/2 1/8" roller lever - spring return

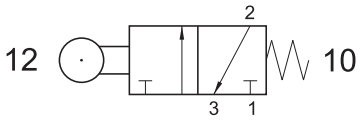


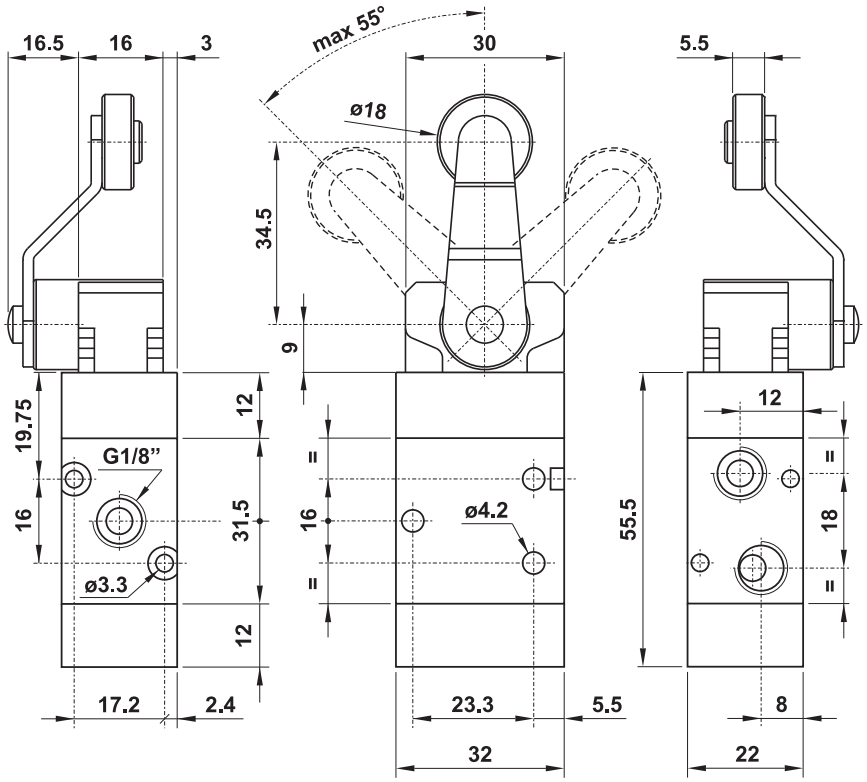


321 MYR46

3/2 1/8" leva rullo laterale - ritorno a molla

3/2 1/8" roller lever on the side - spring return

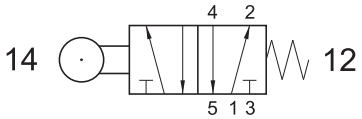


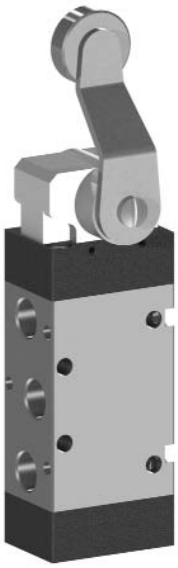


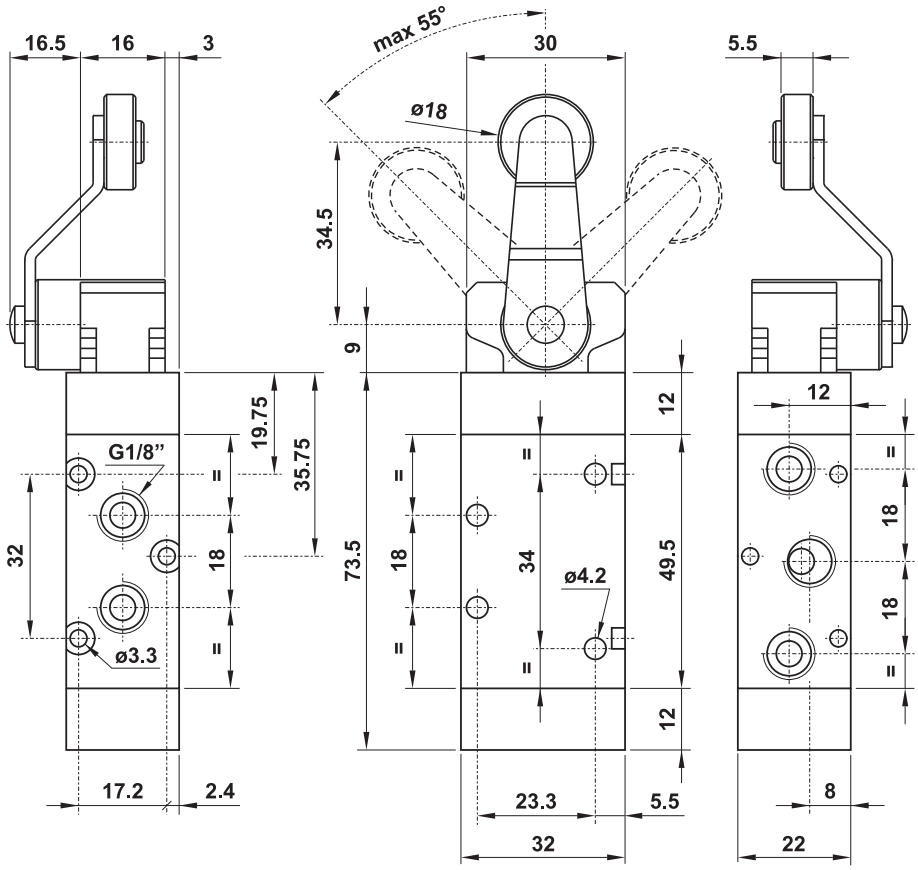
521 MYR46

5/2 1/8" leva rullo laterale - ritorno a molla

5/2 1/8" roller lever on the side - spring return



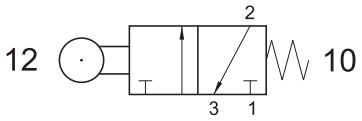




321 MYR53

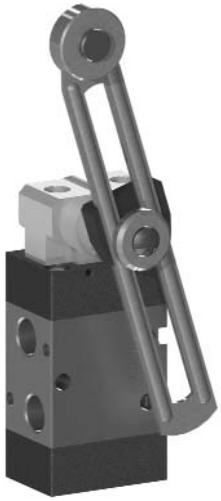
3/2 1/8" leva rullo con asta regolabile - ritorno a molla

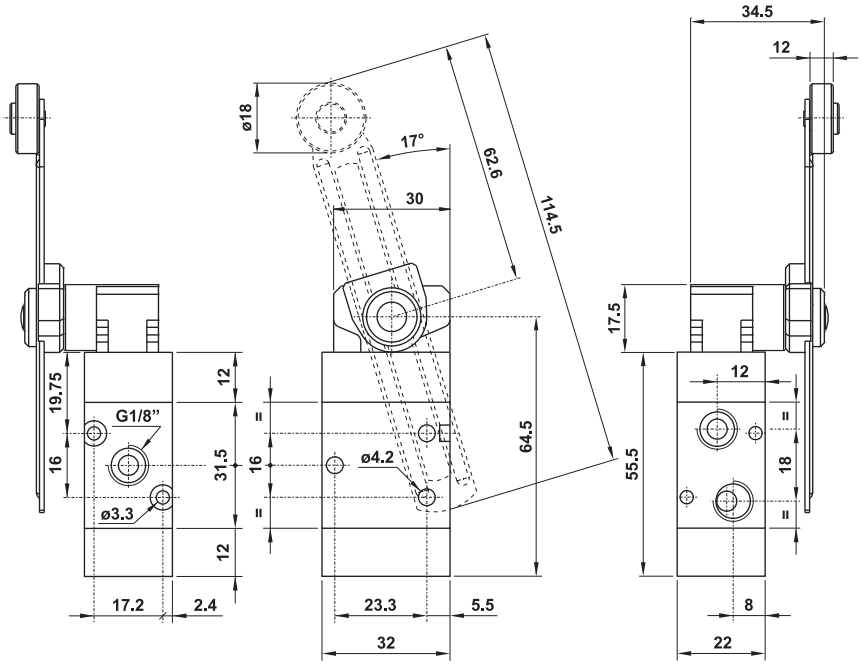
3/2 1/8" roller lever with adjustable shaft - spring return



La posizione e la lunghezza dell'asta può essere regolata manualmente

The position and the length of the shaft can be manually adjusted

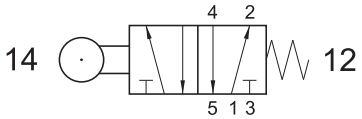




521 MYR53

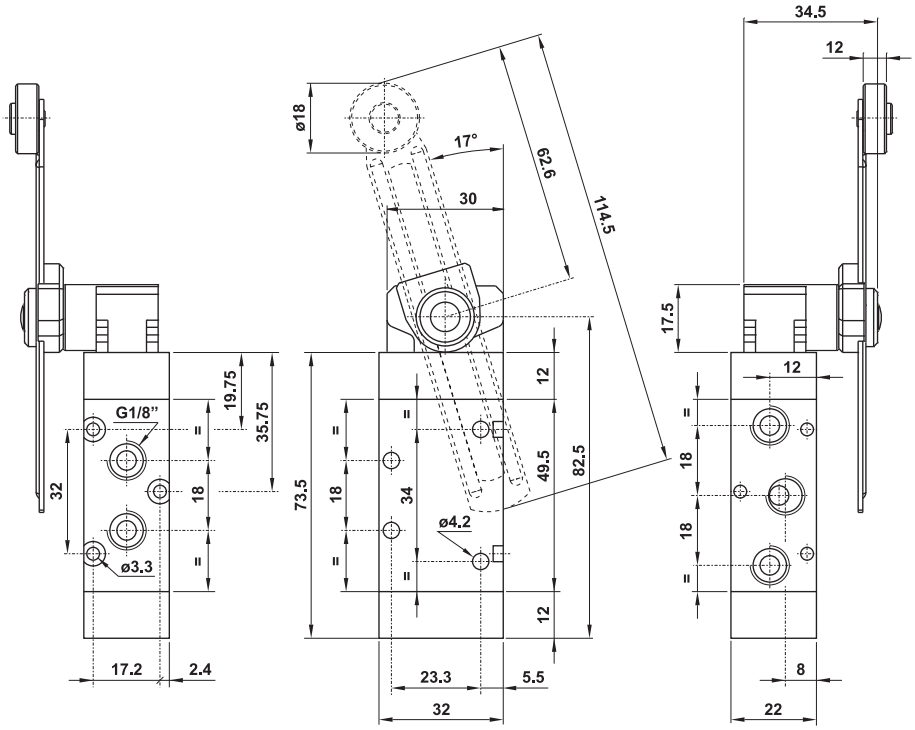
5/2 1/8" leva rullo con asta regolabile - ritorno a molla

5/2 1/8" roller lever with adjustable shaft - spring return



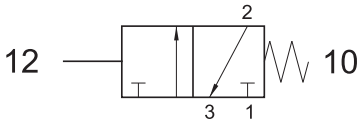
La posizione e la lunghezza dell'asta può essere regolata manualmente

The position and the length of the shaft can be manually adjusted

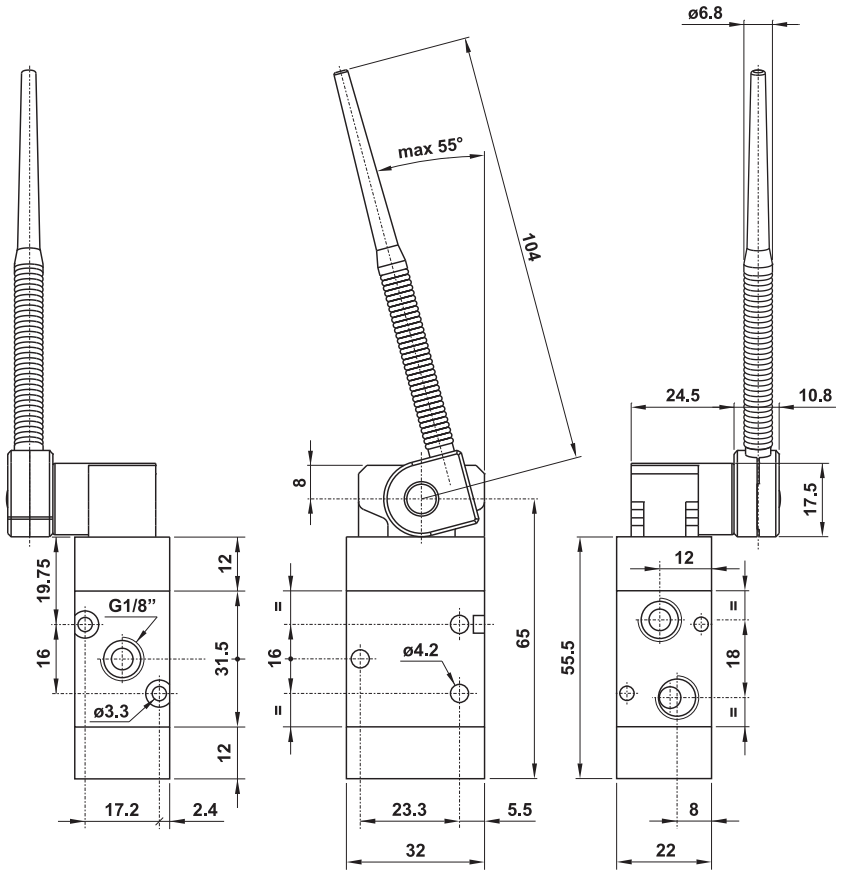


321 MYN61

3/2 1/8" antenna ad asta regolabile - ritorno a molla
3/2 1/8" adjustable shaft antenna - spring return

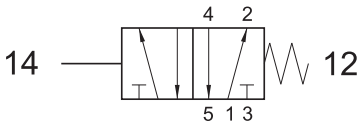


La posizione e l'angolo dell'asta possono essere regolati manualmente
The position and the angle of the shaft can be manually adjusted

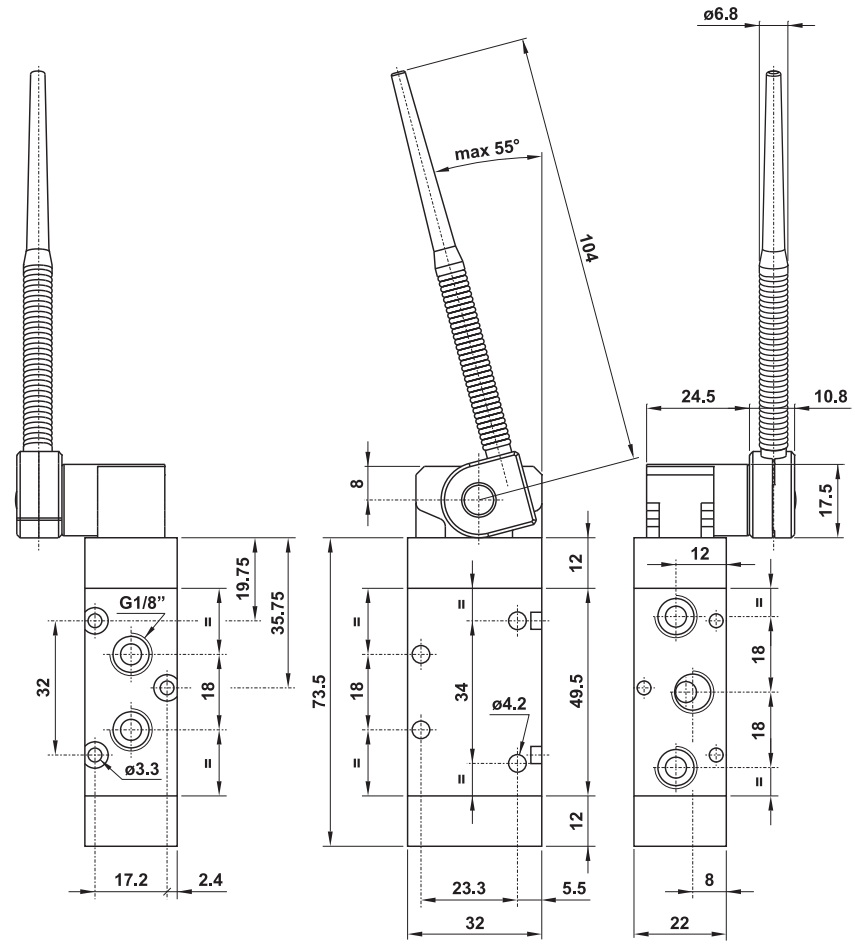


521 MYN61

5/2 1/8" antenna ad asta regolabile - ritorno a molla
5/2 1/8" adjustable shaft antenna - spring return



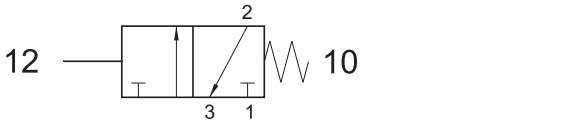
La posizione e l'angolo dell'asta possono essere regolati manualmente
The position and the angle of the shaft can be manually adjusted



321 MYN71

3/2 1/8" asta regolabile ø3 - ritorno a molla

3/2 1/8" adjustable ø3 shaft - spring return

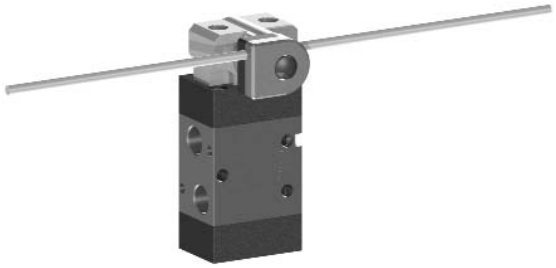


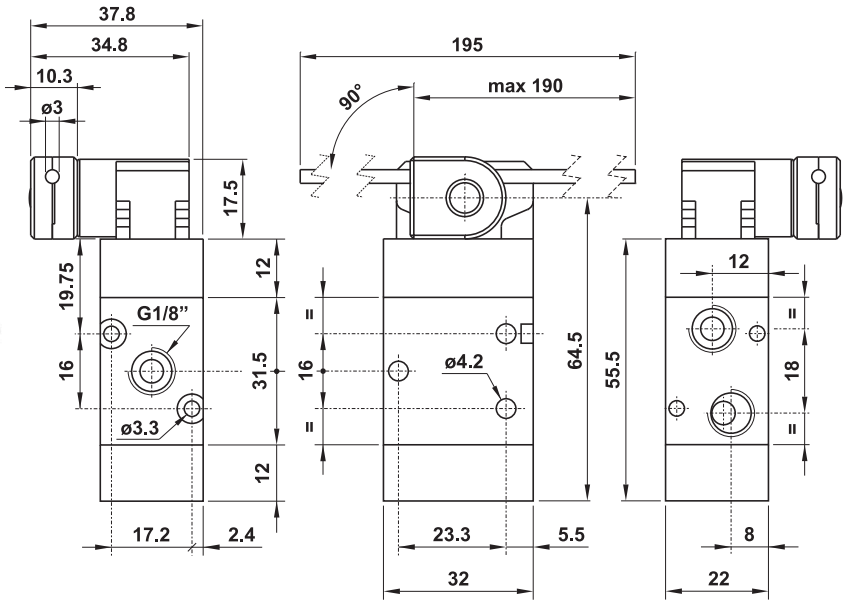
Materiale dell'asta: acciaio INOX

Material of the shaft: stainless steel

La posizione dell'asta può essere regolata manualmente

The position of the shaft can be manually adjusted

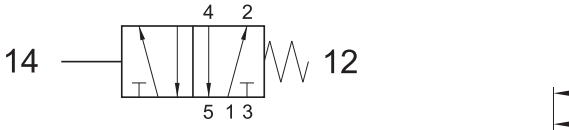




521 MYN71

5/2 1/8" asta regolabile ø3 - ritorno a molla

5/2 1/8" rotary adjustable ø3 shaft - spring return

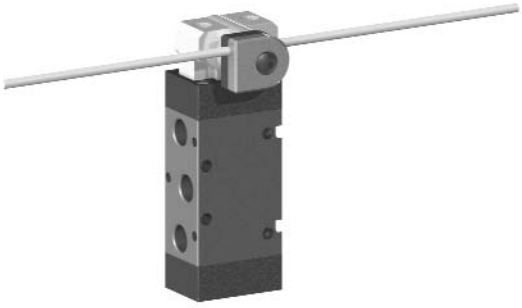


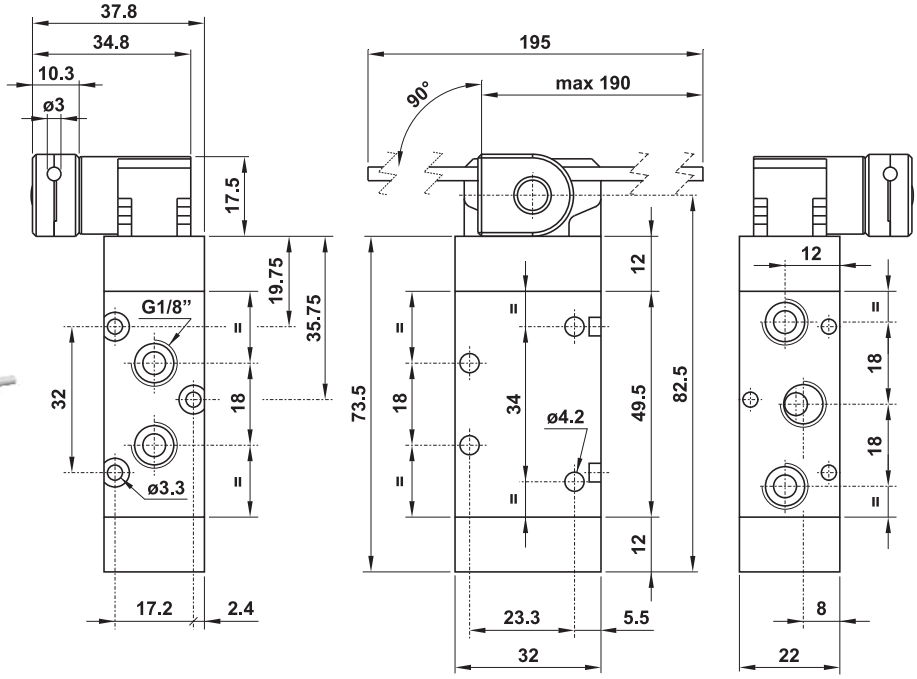
Materiale dell'asta: acciaio INOX

Material of the shaft: stainless steel

La posizione dell'asta può essere regolata manualmente

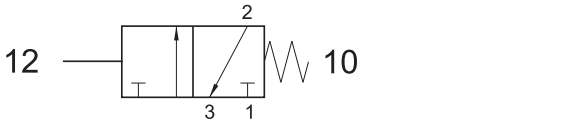
The position of the shaft can be manually adjusted





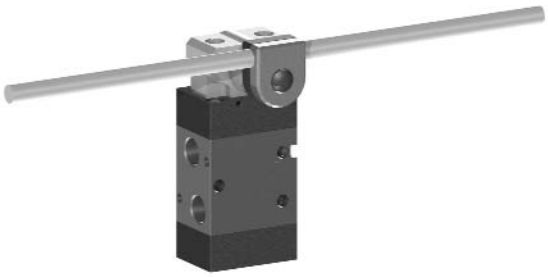
321 MYN74

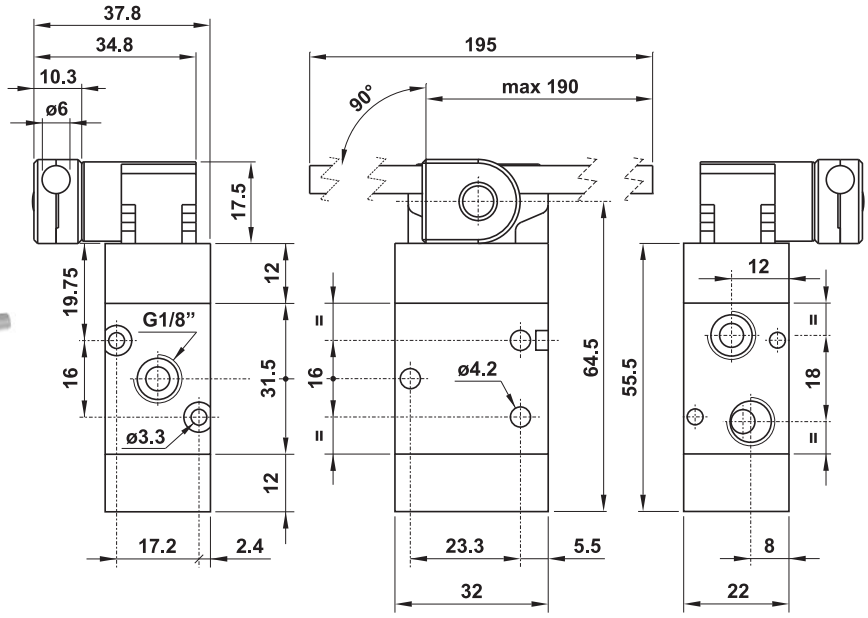
3/2 1/8" asta regolabile ø6 - ritorno a molla
3/2 1/8" adjustable ø6 shaft - spring return



Materiale dell'asta: fibra di vetro
Material of the shaft: glass fiber

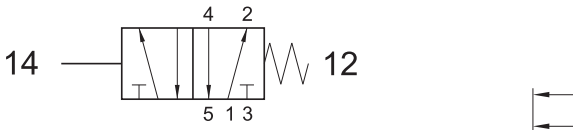
La posizione dell'asta può essere regolata manualmente
The position of the shaft can be manually adjusted





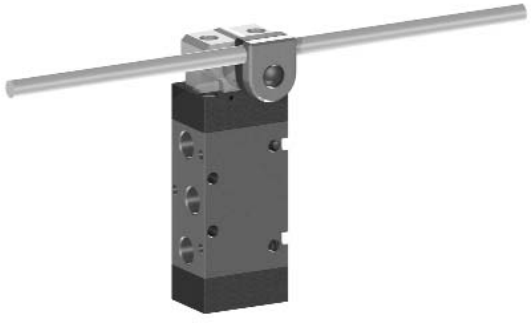
521 MYN74

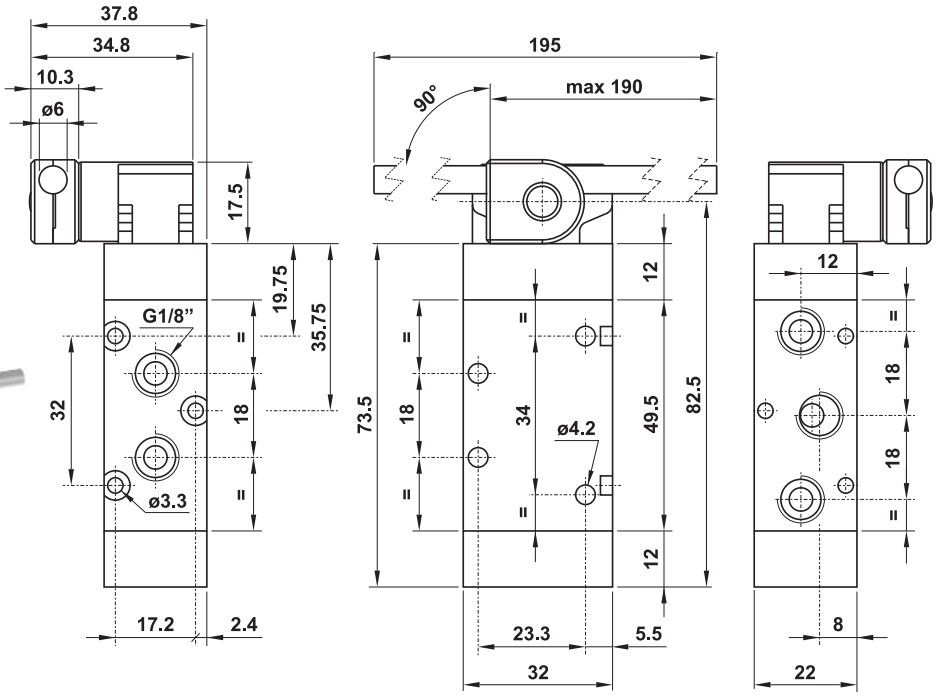
5/2 1/8" asta regolabile ø6 - ritorno a molla
5/2 1/8" adjustable ø6 shaft - spring return



Materiale dell'asta: fibra di vetro
Material of the shaft: glass fiber

La posizione dell'asta può essere regolata manualmente
The position of the shaft can be manually adjusted

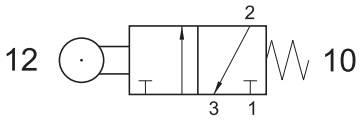


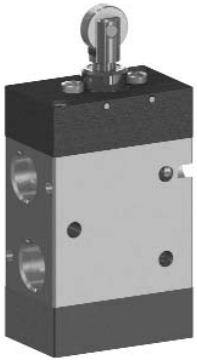


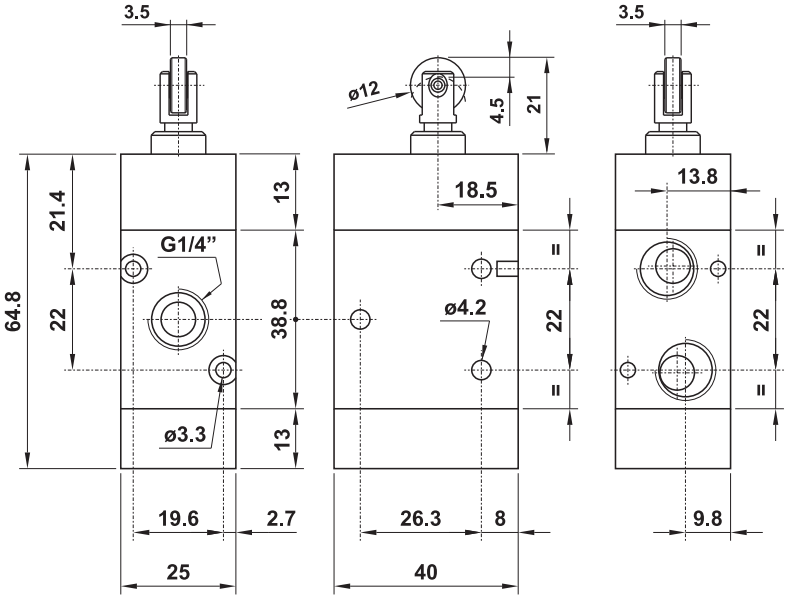
322 MYR12

3/2 1/4" pulsante con cuscinetto a rullo - ritorno a molla

3/2 1/4" tappet with ball bearing - spring return



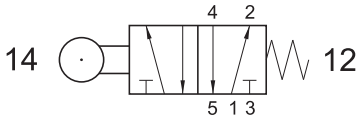


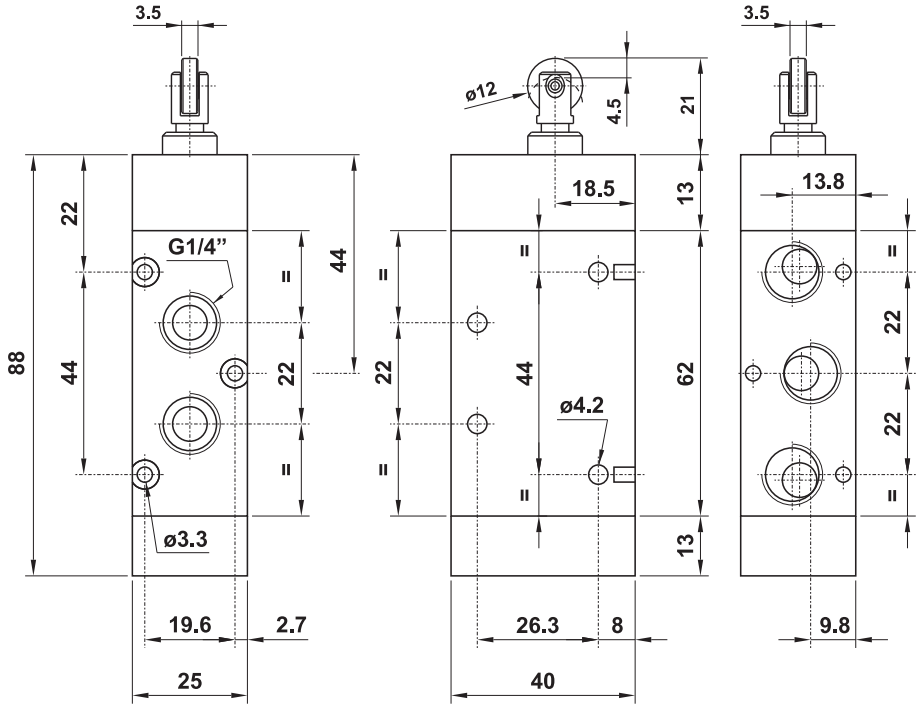


522 MYR12

5/2 1/4" pulsante con cuscinetto a rullo - ritorno a molla

5/2 1/4" tappet with ball bearing - spring return

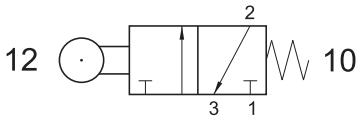


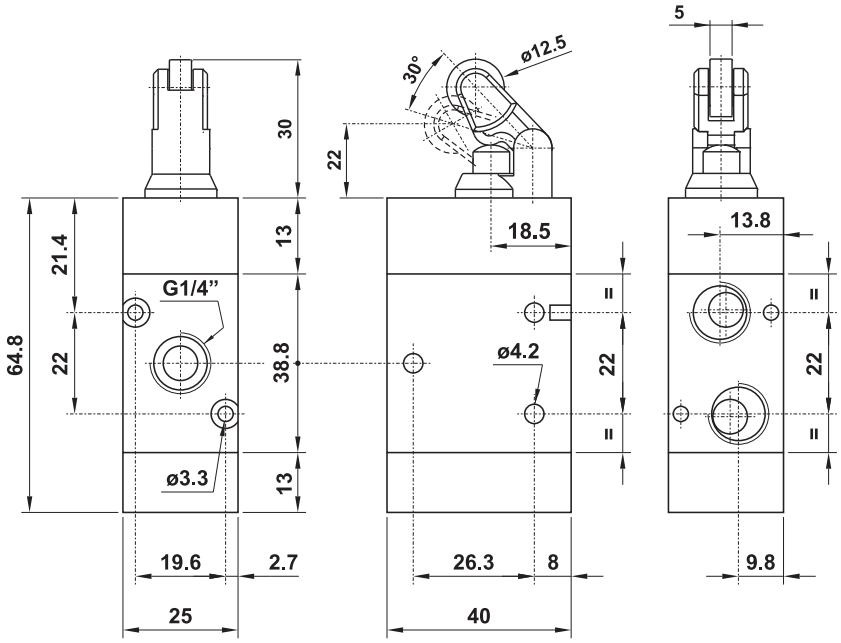


322 MYR31

3/2 1/4" leva rullo - ritorno a molla

3/2 1/4" roller lever - spring return

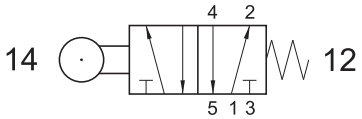


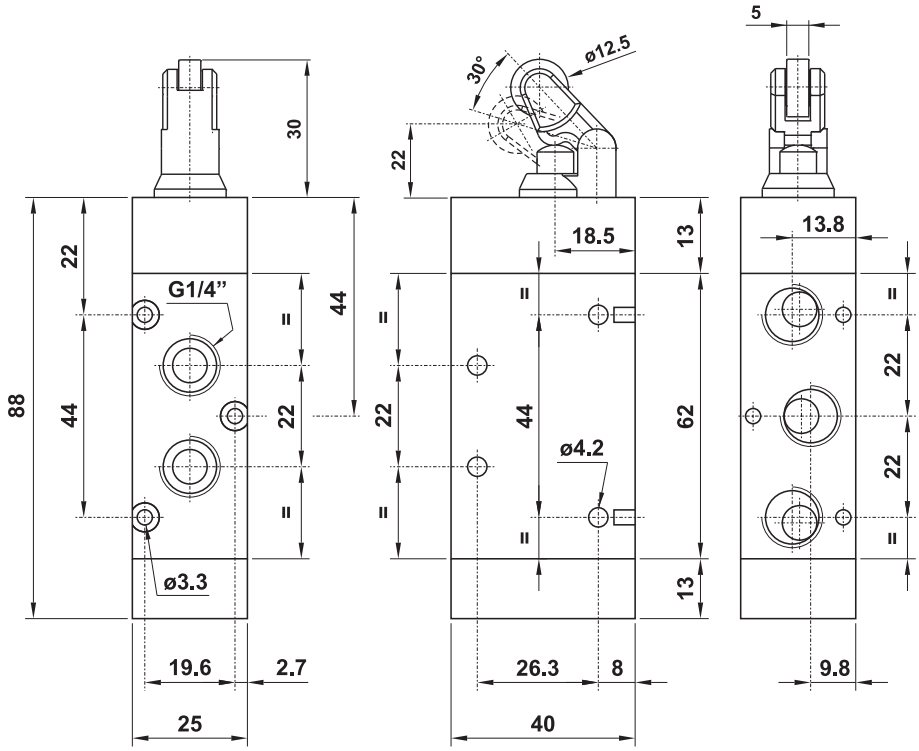


522 MYR31

5/2 1/4" leva rullo - ritorno a molla

5/2 1/4" roller lever - spring return

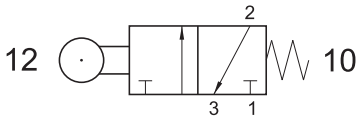


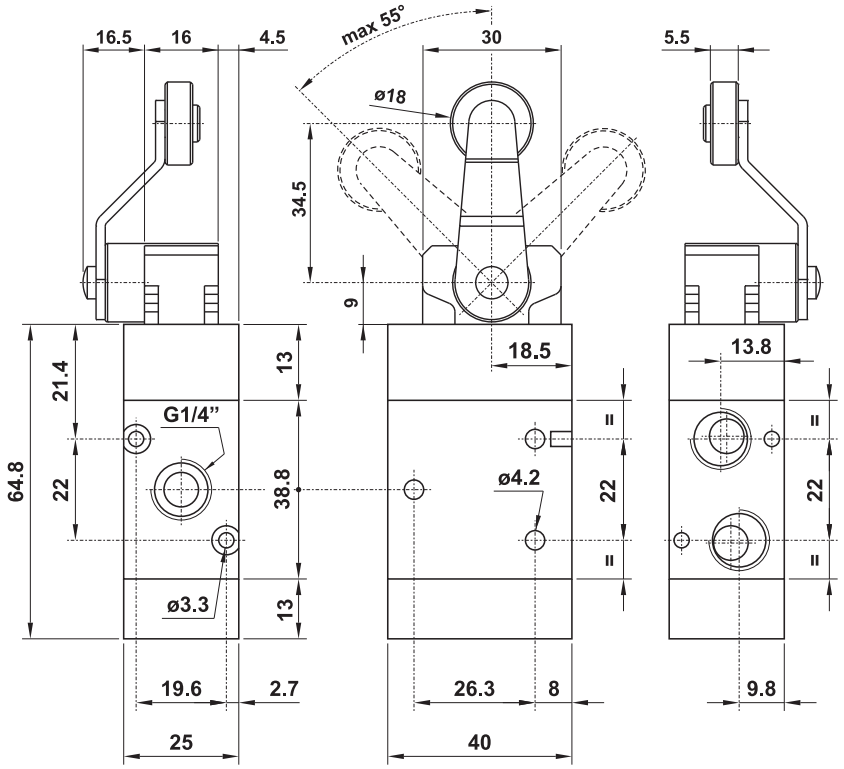


322 MYR46

3/2 1/4" leva rullo laterale - ritorno a molla

3/2 1/4" roller lever on the side - spring return

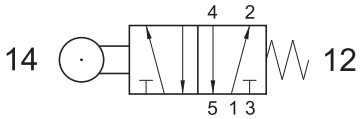


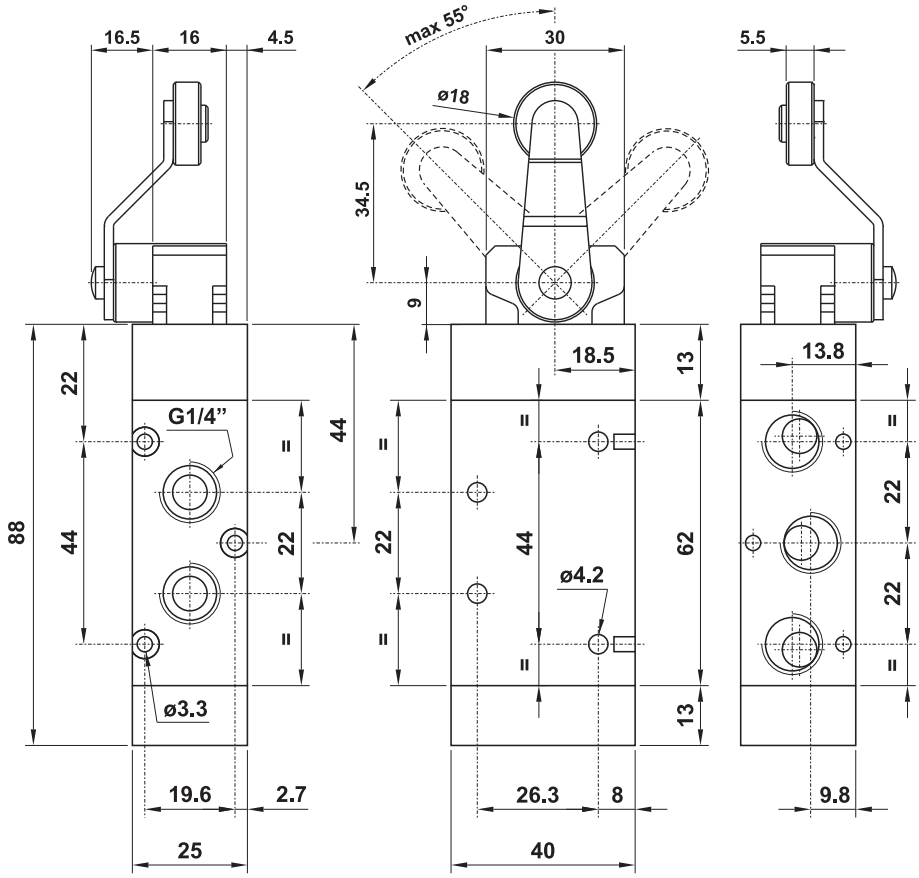


522 MYR46

5/2 1/4" leva rullo laterale - ritorno a molla

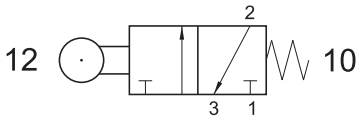
5/2 1/4" roller lever on the side - spring return



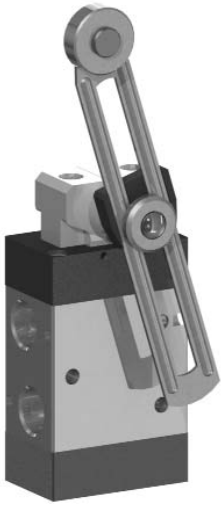


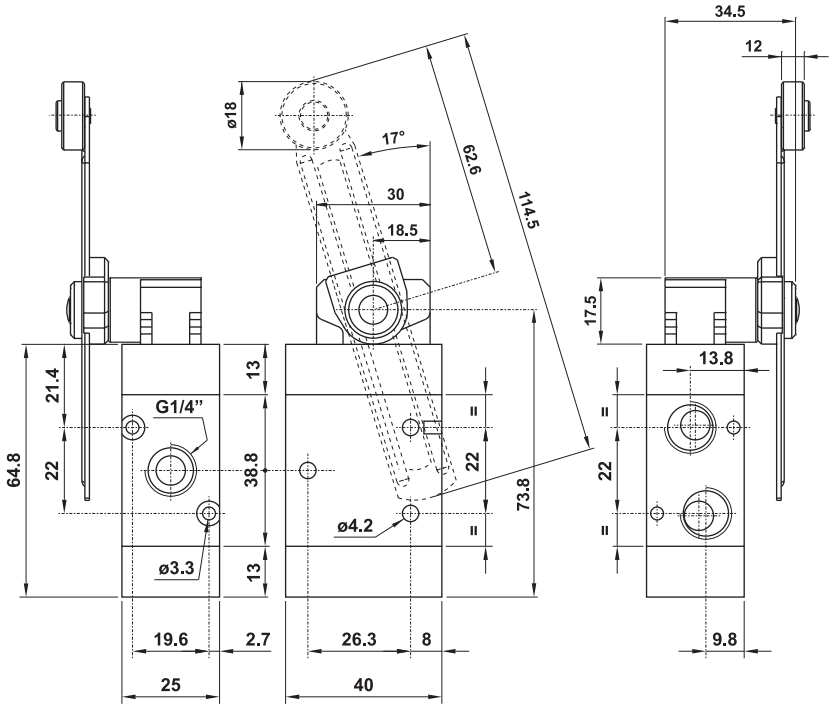
322 MYR53

3/2 1/4" leva rullo con asta regolabile - ritorno a molla
3/2 1/4" roller lever with adjustable shaft - spring return



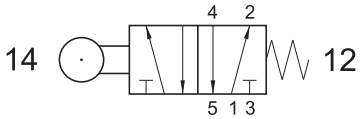
La posizione e la lunghezza dell'asta può essere regolata manualmente
The position and the length of the shaft can be manually adjusted



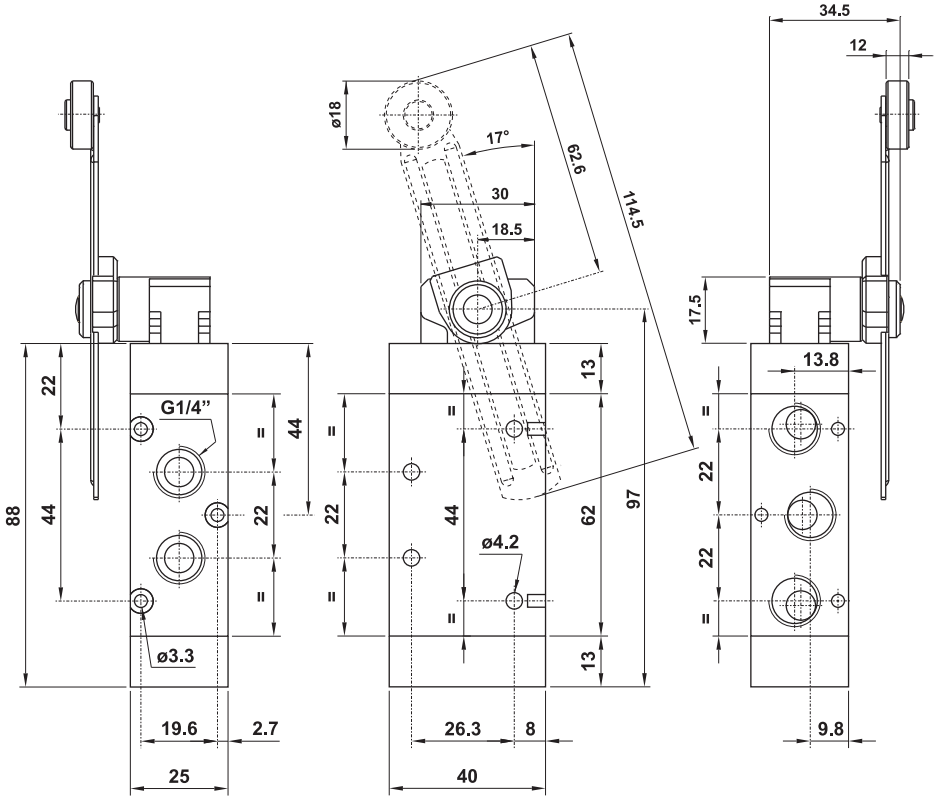


522 MYR53

5/2 1/4" leva rullo con asta regolabile - ritorno a molla
5/2 1/4" roller lever with adjustable shaft - spring return



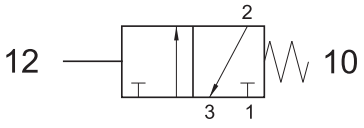
La posizione e la lunghezza dell'asta può essere regolata manualmente
The position and the length of the shaft can be manually adjusted



322 MYN61

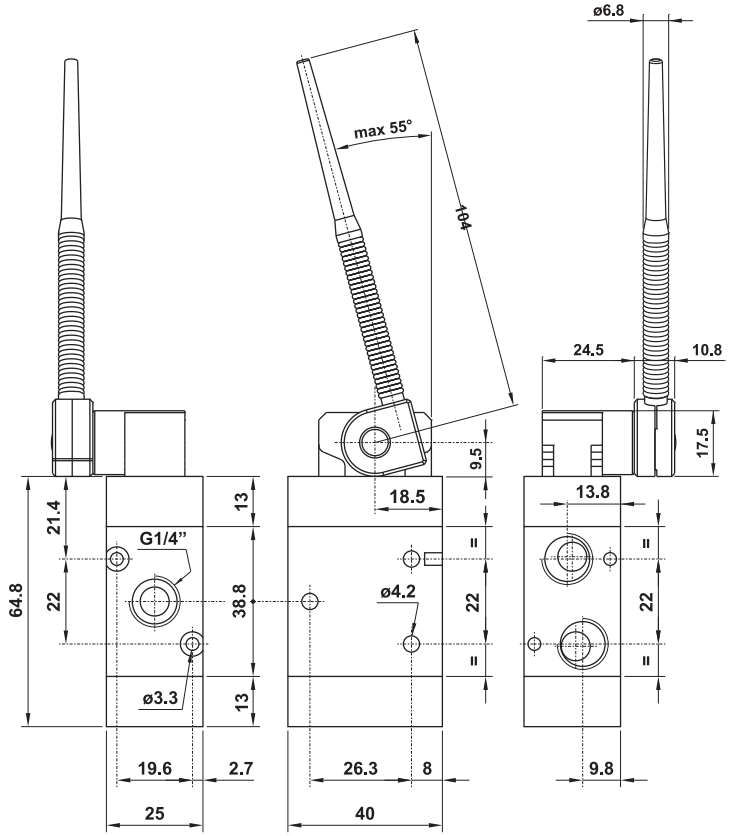
3/2 1/4" antenna ad asta regolabile - ritorno a molla

3/2 1/4" adjustable shaft antenna - spring return



La posizione e l'angolo dell'asta possono essere regolati manualmente

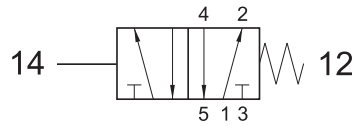
The position and the angle of the shaft can be manually adjusted



522 MYN61

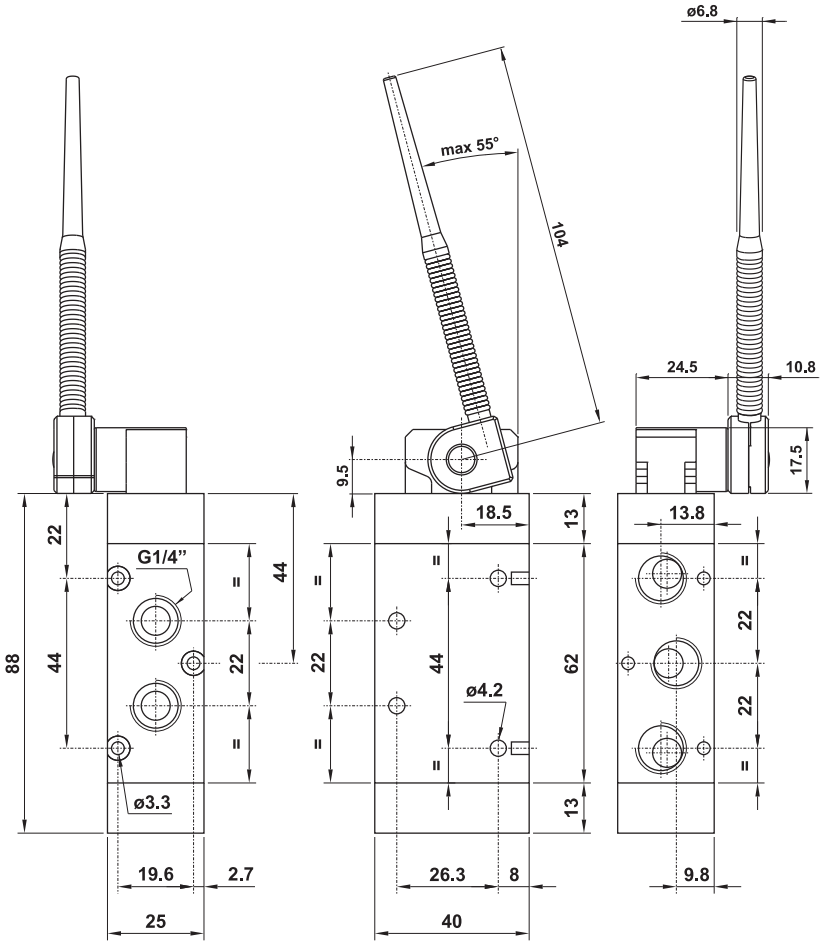
5/2 1/4" antenna ad asta regolabile - ritorno a molla

5/2 1/4" adjustable shaft antenna - spring return



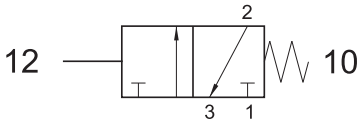
La posizione e l'angolo dell'asta possono essere regolati manualmente

The position and the angle of the shaft can be manually adjusted



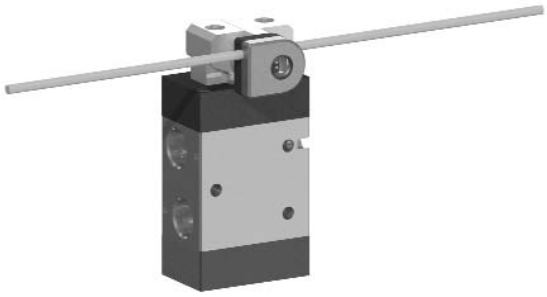
322 MYN71

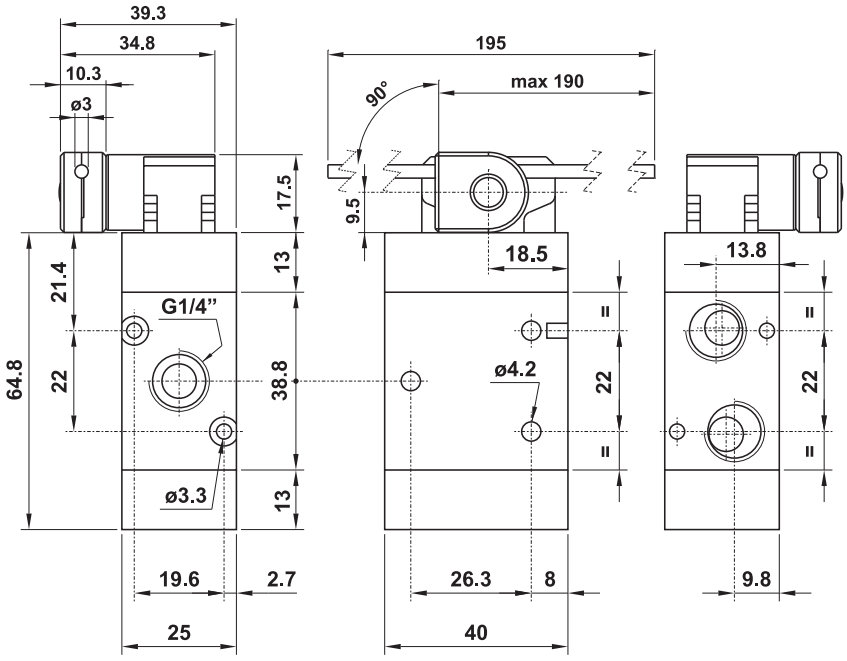
3/2 1/4" asta regolabile ø3 - ritorno a molla
3/2 1/4" adjustable ø3 shaft - spring return



Materiale dell'asta: acciaio INOX
Material of the shaft: stainless steel

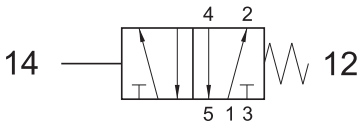
La posizione dell'asta può essere regolata manualmente
The position of the shaft can be manually adjusted





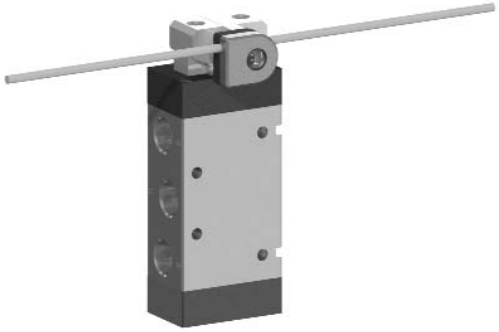
522 MYN71

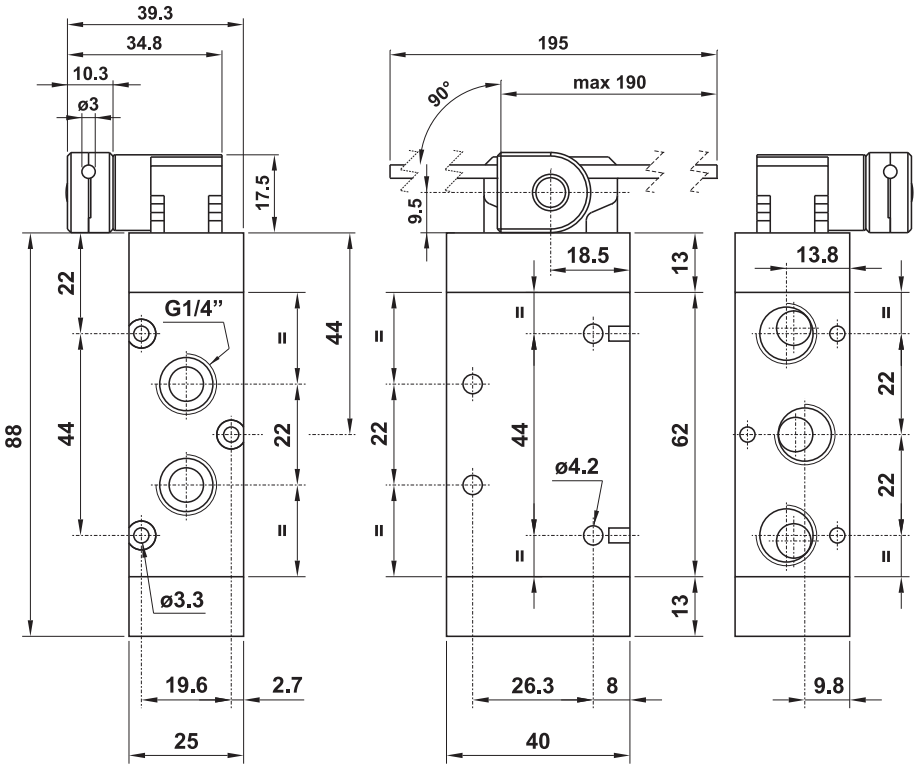
5/2 1/4" asta regolabile ø3 - ritorno a molla
5/2 1/4" adjustable ø3 shaft - spring return



Materiale dell'asta: acciaio INOX
Material of the shaft: stainless steel

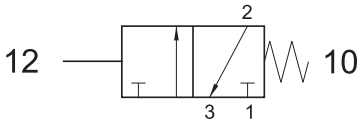
La posizione dell'asta può essere regolata manualmente
The position of the shaft can be manually adjusted





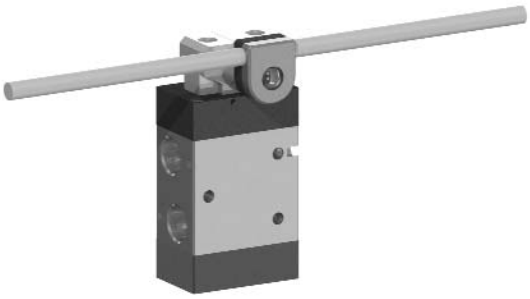
322 MYN74

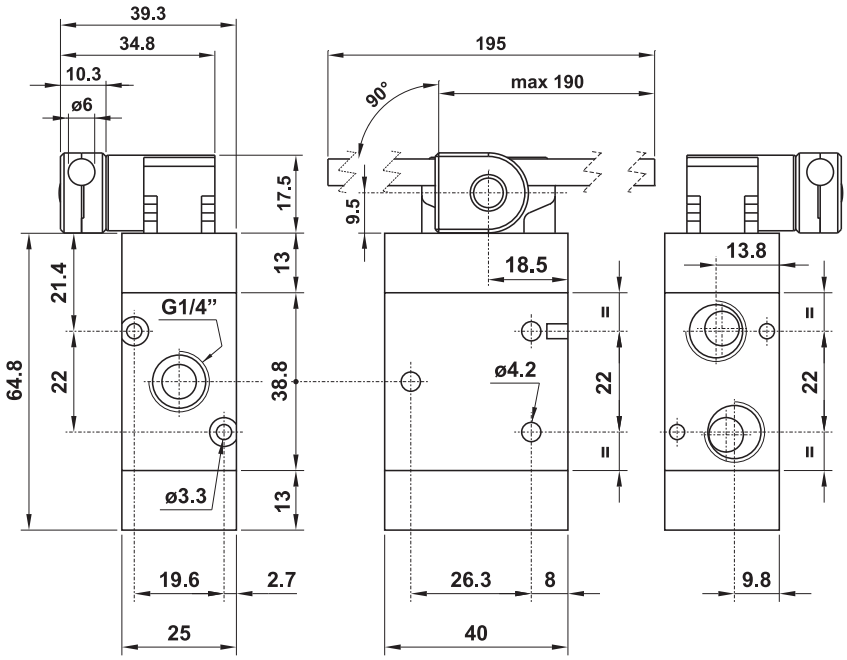
3/2 1/4" asta regolabile ø6 - ritorno a molla
3/2 1/4" adjustable ø6 shaft - spring return



Materiale dell'asta: fibra di vetro
Material of the shaft: glass fiber

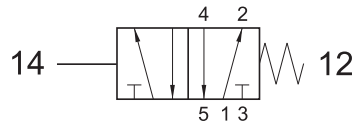
La posizione dell'asta può essere regolata manualmente
The position of the shaft can be manually adjusted





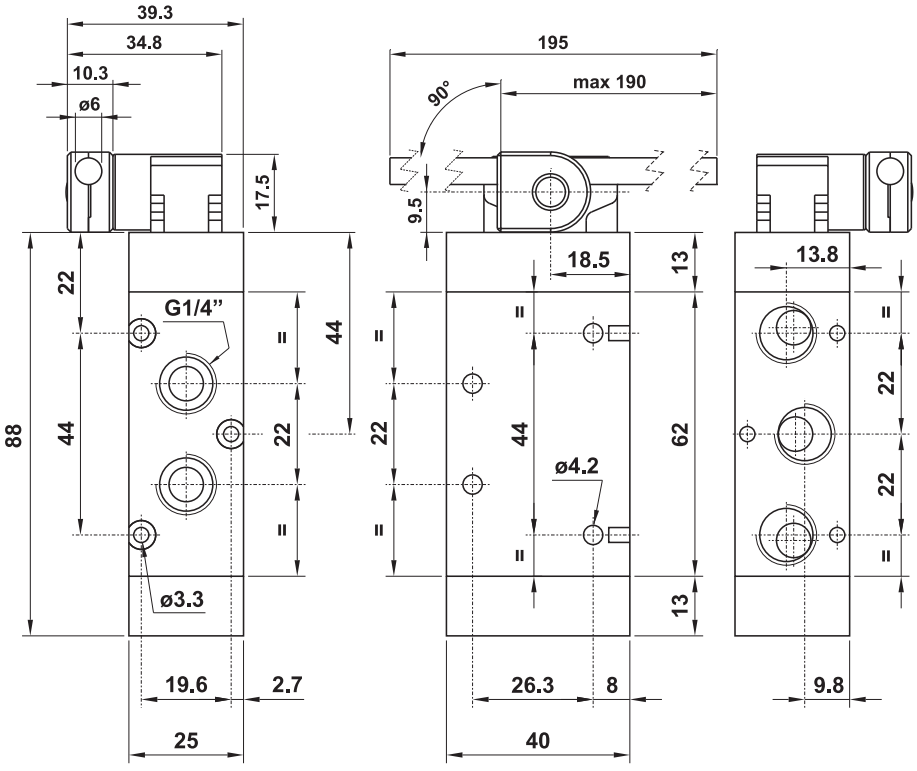
522 MYN74

5/2 1/4" asta regolabile ø6 - ritorno a molla
5/2 1/4" adjustable ø6 shaft - spring return



Materiale dell'asta: fibra di vetro
Material of the shaft: glass fiber

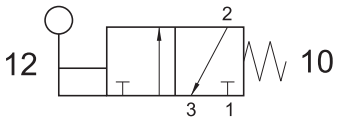
La posizione dell'asta può essere regolata manualmente
The position of the shaft can be manually adjusted



324 ML90

3/2 1/2" leva 90° - ritorno a molla

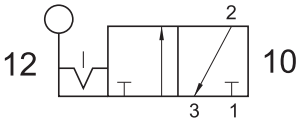
3/2 1/2" 90° lever - spring return

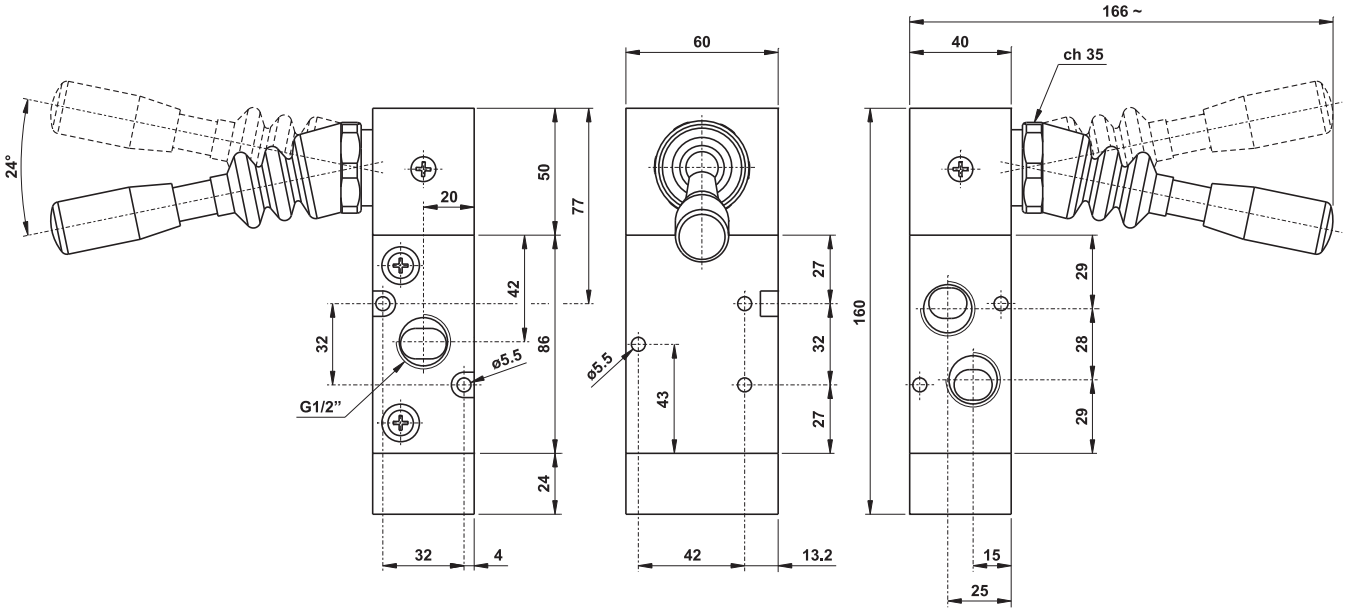


324 LL90

3/2 1/2" leva 90° bistabile

3/2 1/2" 90° bi-stable lever

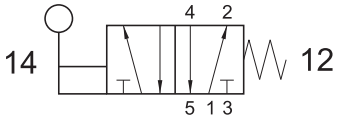




524 ML90

5/2 1/2" leva 90° - ritorno a molla

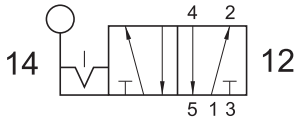
5/2 1/2" 90° lever - spring return

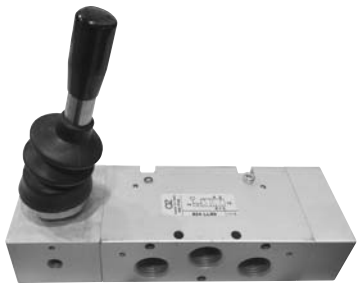


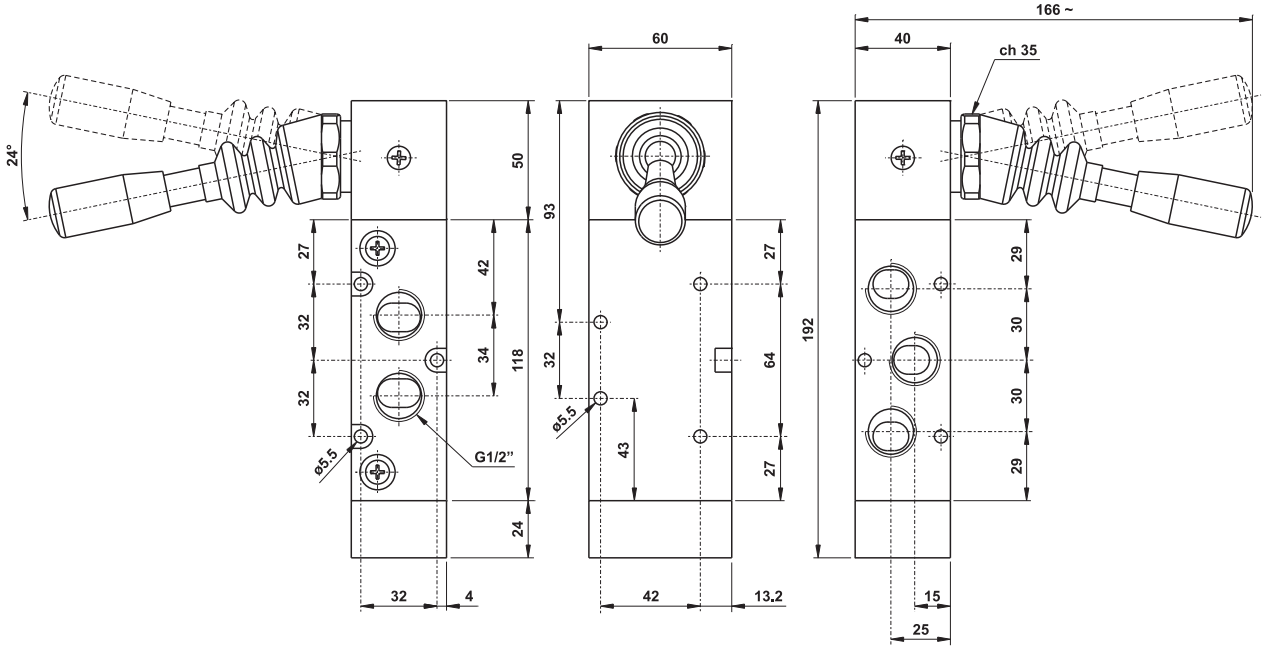
524 LL90

5/2 1/2" leva 90° bistabile

5/2 1/2" 90° bi-stable lever







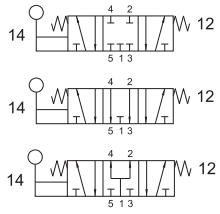
valvole G1/2" azionamento manuale

manually actuated valves - G1/2"

5243C ML90 centri chiusi *closed centres*

5243A ML90 centri aperti *open centres*

5243P ML90 centri in pressione *pressurized centres*



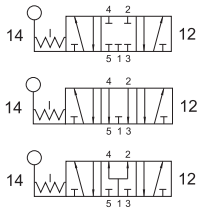
5/3 1/2" leva 90° - ritorno al centro

5/3 1/2" 90° lever - spring return to centre

5243C LL90 centri chiusi *closed centres*

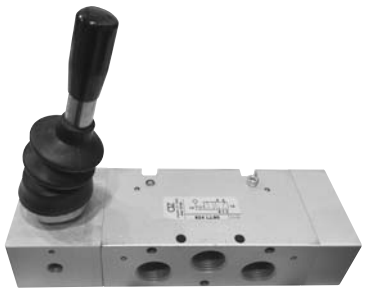
5243A LL90 centri aperti *open centres*

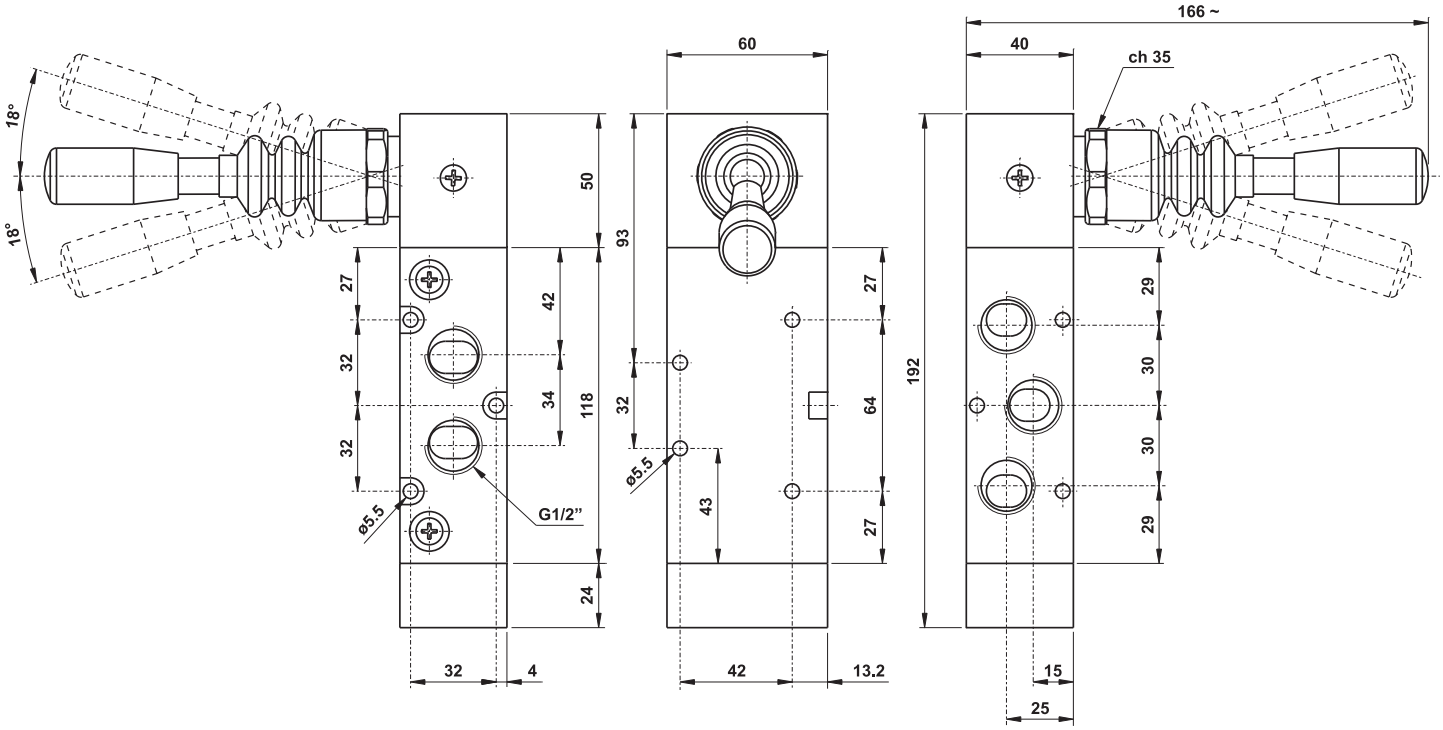
5243P LL90 centri in pressione *pressurized centres*



5/3 1/2" leva 90° - tre posizioni stabili

5/3 1/2" 90° lever - three detented positions

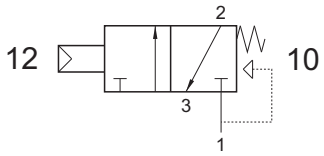




321 MC SUP

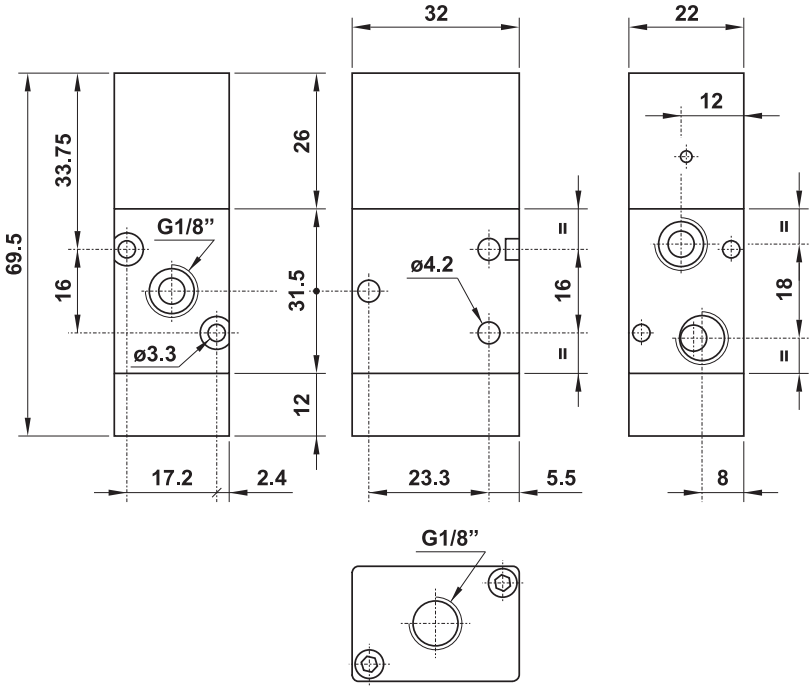
3/2 1/8" NC comando pneumatico attacco superiore - ritorno a molla

3/2 1/8" NC pneumatic pilot on the top - spring return



Non può essere utilizzata come valvola normalmente aperta.

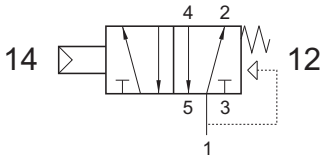
It cannot be used as normally open valve.

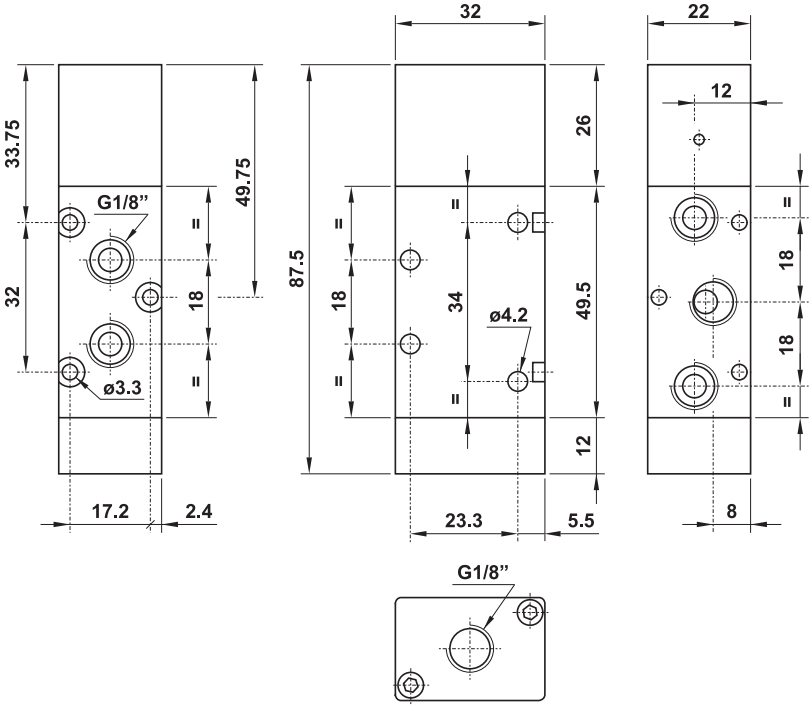


521 MC SUP

5/2 1/8" comando pneumatico attacco superiore - ritorno a molla

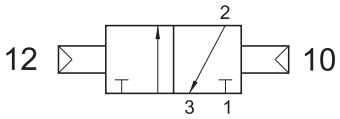
5/2 1/8" pneumatic pilot on the top - spring return



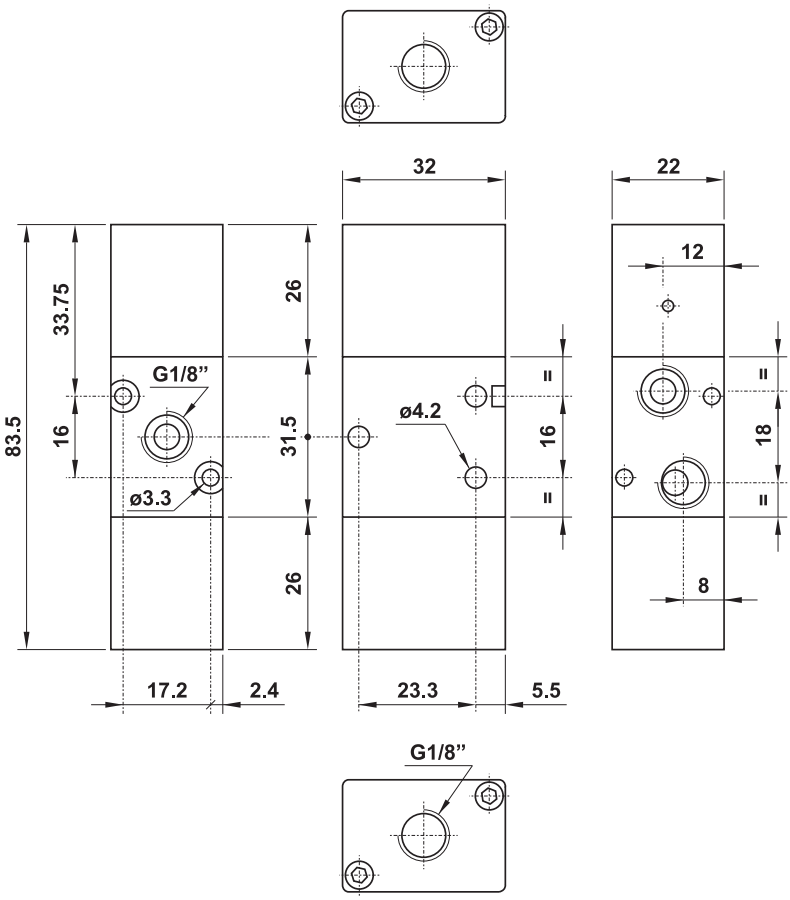


321 CC SUP

3/2 1/8" doppio comando pneumatico attacco superiore
3/2 1/8" double pneumatic pilot on the top



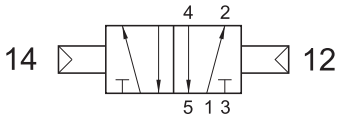
Può essere utilizzata con vuoto.
It can be used with vacuum.



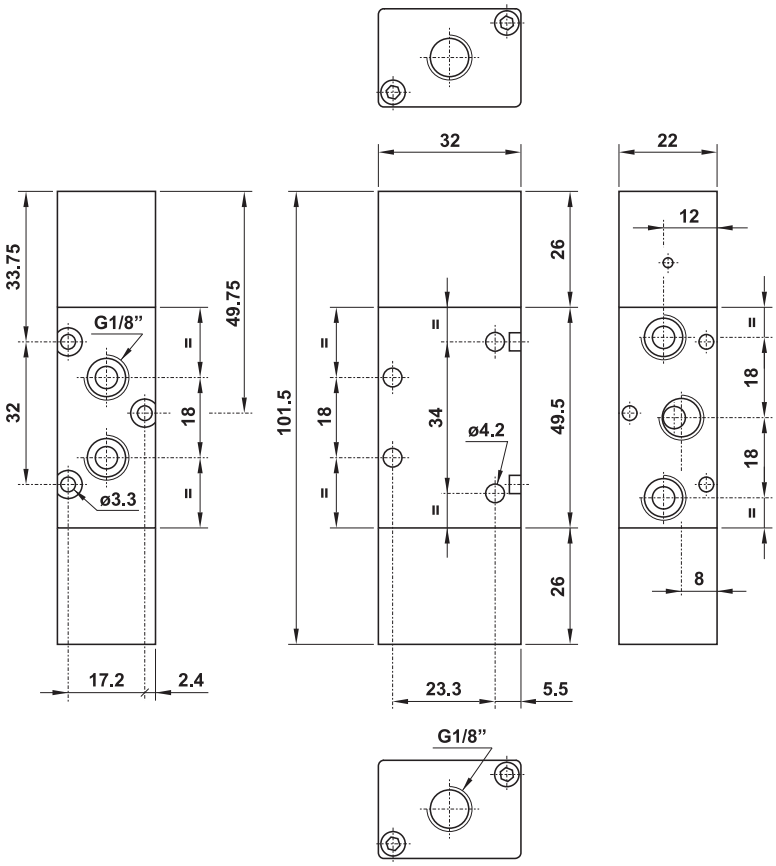
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION

521 CC SUP

5/2 1/8" doppio comando pneumatico attacco superiore
5/2 1/8" double pneumatic pilot on the top



Può essere utilizzata con vuoto.
It can be used with vacuum.



SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION

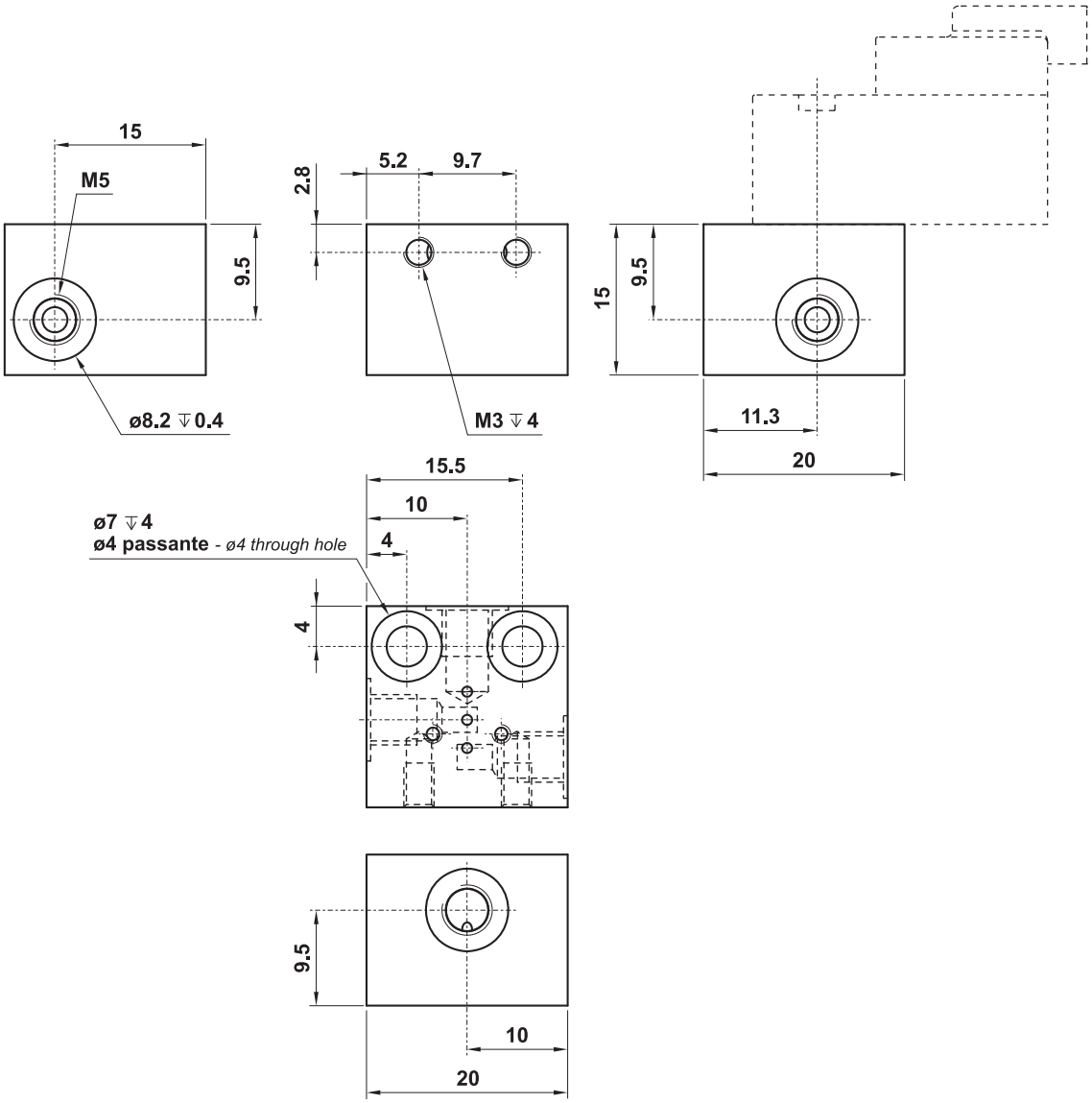
basi per elettropiloti 10 mm

manifolds for 10 mm solenoid valves

I codici qui riportati si riferiscono alla sola base. Gli elettropiloti devono essere ordinati separatamente (vedi pag. 137 cat. generale).
All here mentioned codes are referred only to manifolds. Solenoid valves are bought separately (refer to page 137 of the general catalogue).

base per elettropilota singolo NC 10 mm
single manifold for 10 mm NC solenoid valve

07.101.1



piastrina di chiusura per elettropilota 10 mm
blanking plate for 10 mm solenoid valve

07.107.2

elettropiloti su base

solenoid valves on manifold

I prodotti qui indicati sono venduti senza bobine, da acquistarsi separatamente (vedi pag. 149 catalogo generale).
All here mentioned products are sold without coils, which are bought separately (refer to page 149 of the general catalogue).

Per utilizzare questi prodotti come valvole 2/2, per ogni elettropilota è necessario acquistare la ghiera in alluminio (codice **00.125.2**) e il tappo M5 (codice **36.643.0**).
*To use these products as 2/2 valves, for each solenoid valve it is necessary to buy the aluminium nut (code **00.125.2**) with M5 plug (code **36.643.0**).*

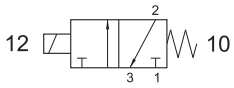
elettropilota girevole singolo 3/2 con azion. manuale bistabile
3/2 single rotary solenoid valve with detented manual override

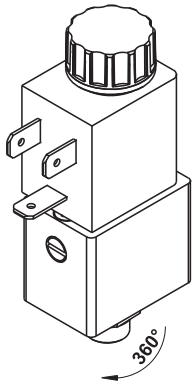
1/8"

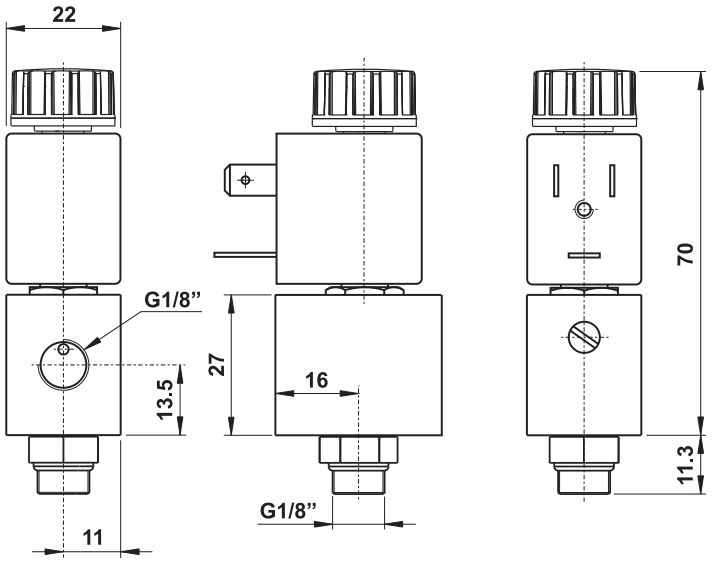
bobina *coil* **22 mm**

Questo elettropilota può essere montato direttamente su cilindri a semplice o doppio effetto. È orientabile su 360°.
This solenoid valve can be directly mounted on single or double acting cylinders. It can be rotated 360°.

11.098.3







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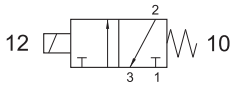
elettropilota girevole singolo 3/2 con azion. manuale e vite cava
3/2 single rotary solenoid valve with manual override and fitting screw

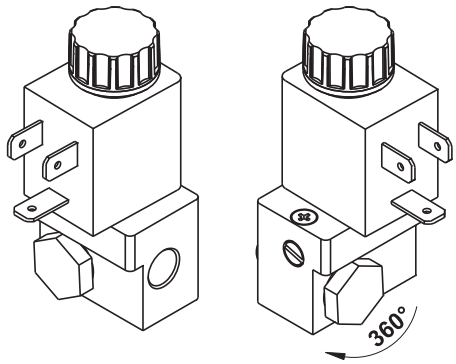
1/8"

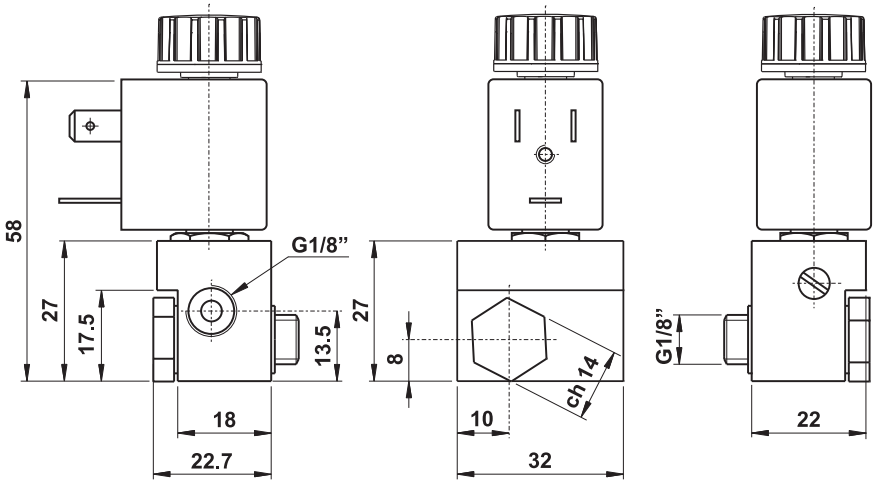
bobina *coil* **22 mm**

Questo elettropilota può essere montato direttamente su cilindri a semplice o doppio effetto o su valvole per controllo fluidi a comando pneumatico. È orientabile su 360° grazie al serraggio mediante vite cava.
This solenoid valve can be directly mounted on single or double acting cylinders, or on pneumatically actuated valves for fluid control. It can be rotated 360° thanks to the fitting screw used for mounting.

11.095.3







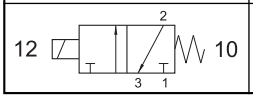
Temperatura di esercizio *Temperature range*	max +60°C
Pressione di esercizio *Working pressure*	-0.7 ... 10 bar -0.07 ... 1 MPa
Diametro nominale *Nominal orifice*	1.1 mm
Portata nominale 1-2 *Nominal flow rate 1-2*	30 Nl/min
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

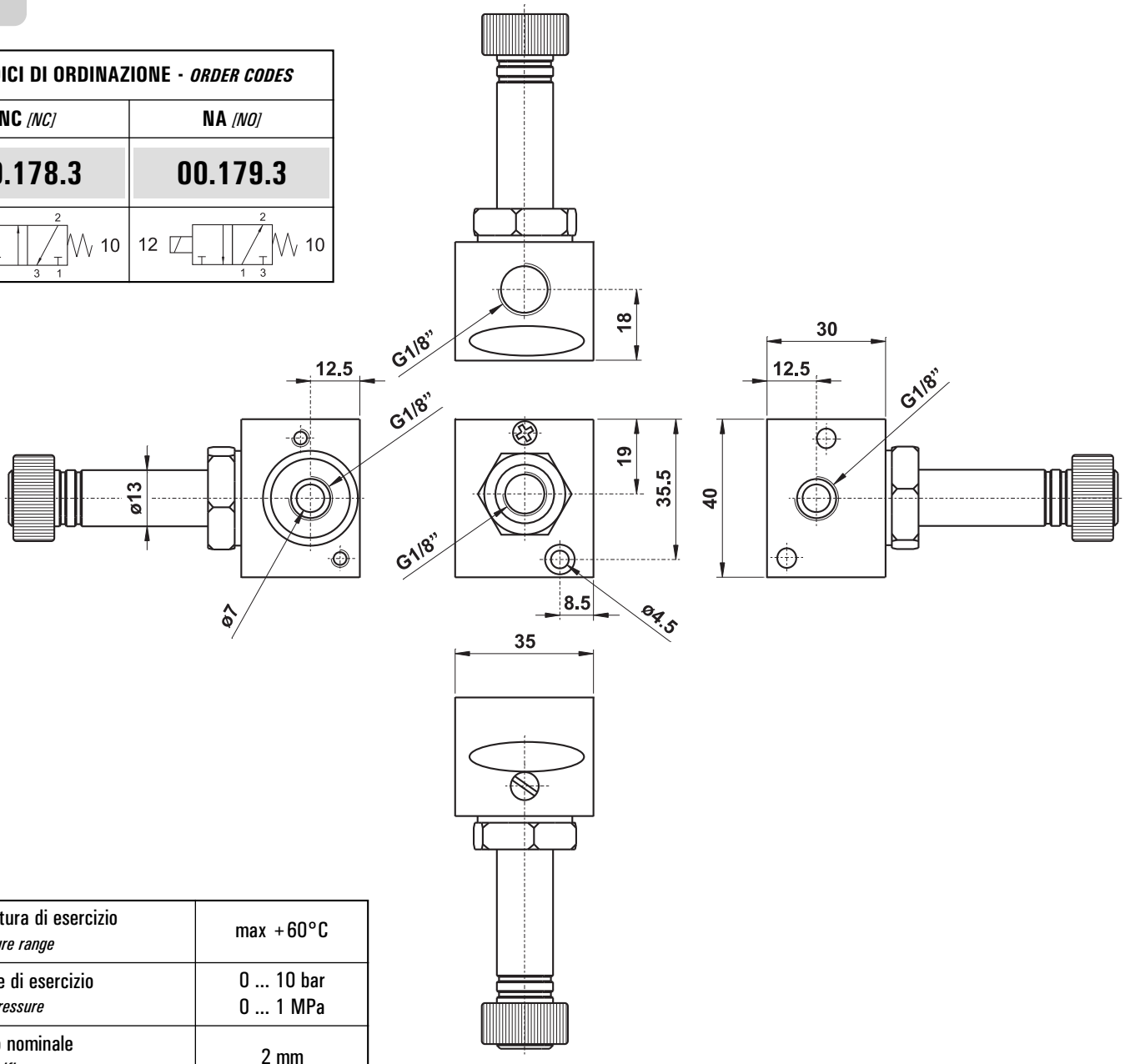
elettropiloti canotto 13 mm su basi modulari

solenoid valves with 13 mm armature on multiple sub-bases

- Elettropiloti 3/2 NC e NA su basi modulari
  3/2 NC and NO solenoid valves on multiple sub-bases
- Diametro dell'elettropilota: 13 mm
  Diameter of solenoid armature: 13 mm
- Con azionamento manuale
  With manual override
- Senza bobina
  Without coil

G1/8"

CODICI DI ORDINAZIONE - *ORDER CODES*	
NC *[NC]*	**NA** *[NO]*
00.178.3	**00.179.3**
	



Temperatura di esercizio *Temperature range*	max +60°C
Pressione di esercizio *Working pressure*	0 ... 10 bar 0 ... 1 MPa
Diametro nominale *Nominal orifice*	2 mm
Portata nominale 1-2 *Nominal flow rate 1-2*	100 Nl/min
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

Materiali
Corpo: alluminio 11S
Elettropilota: ottone OT58

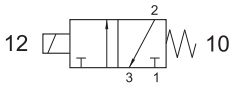
Materials
Body: aluminium 11S
Solenoid armature: brass OT58

elettropiloti canotto 13 mm su basi modulari

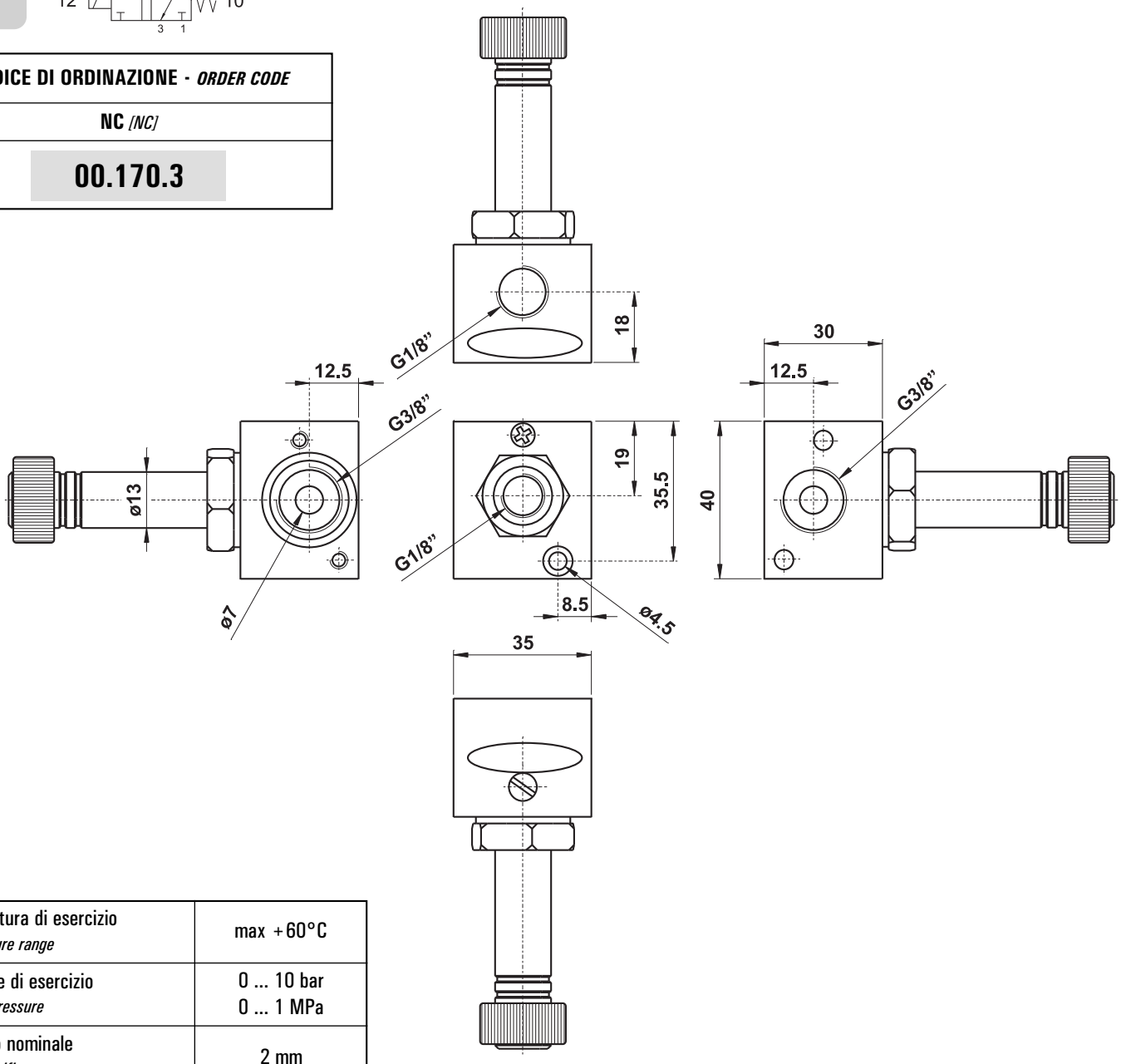
solenoid valves with 13 mm armature on multiple sub-bases

- Elettropiloti 3/2 NC su basi modulari
  3/2 NC solenoid valves on multiple sub-bases
- Diametro dell'elettropilota: 13 mm
  Diameter of solenoid armature: 13 mm
- Con azionamento manuale
  With manual override
- Senza bobina
  Without coil

G3/8"



CODICE DI ORDINAZIONE - *ORDER CODE*
NC *[NC]*
00.170.3



Temperatura di esercizio *Temperature range*	max +60°C
Pressione di esercizio *Working pressure*	0 ... 10 bar 0 ... 1 MPa
Diametro nominale *Nominal orifice*	2 mm
Portata nominale 1-2 *Nominal flow rate 1-2*	100 Nl/min
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

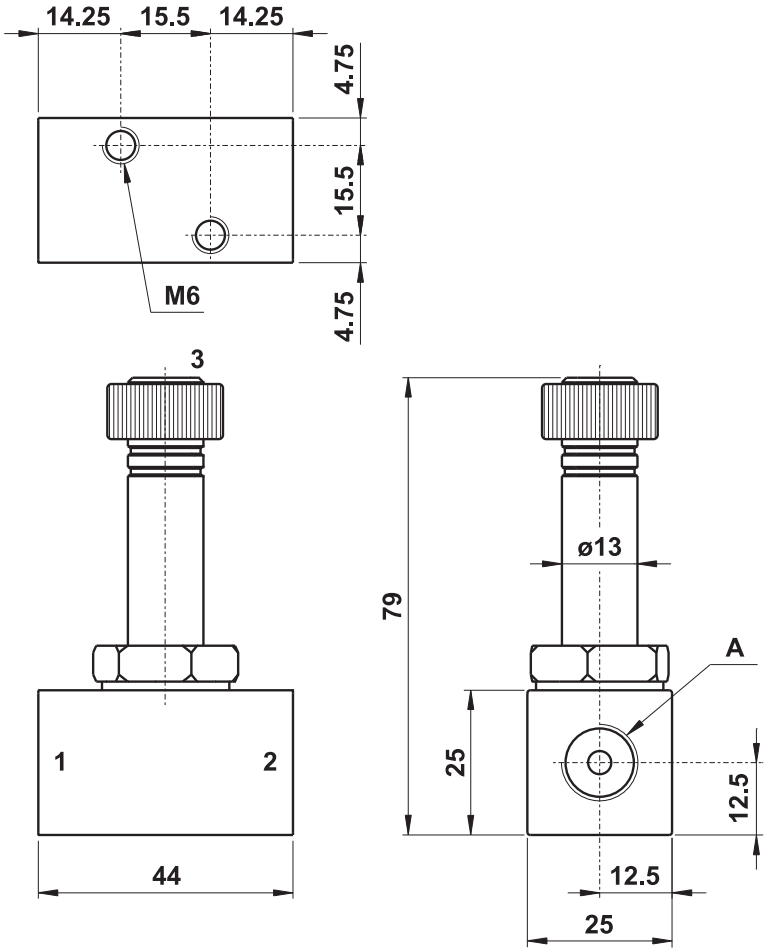
Materiali
Corpo: alluminio 11S
Elettropilota: ottone OT58

Materials
Body: aluminium 11S
Solenoid armature: brass OT58

elettropiloti su base in ottone

solenoid valves on sub-base in brass

- Elettropilota singolo 2/2 e 3/2. Sottobase in ottone
  2/2 and 3/2 single solenoid valve. Sub-base in brass
- Diametro dell'elettropilota: 13 mm
  Diameter of solenoid armature: 13 mm
- Senza azionamento manuale
  Without manual override
- Senza bobina
  Without coil



	CODICI DI ORDINAZIONE - *ORDER CODES*	
	12 2 1 10	12 2 3 1 10
A	**2/2**	**3/2**
G1/8"	**01.100.3**	**00.171.3**
G1/4"	**01.094.3**	**00.172.3**
G3/8"	**01.101.3**	**00.173.3**

Temperatura di esercizio *Temperature range*	max +60°C
Pressione di esercizio *Working pressure*	0 ... 10 bar 0 ... 1 MPa
Diametro nominale *Nominal orifice*	2 mm
Portata nominale 1-2 *Nominal flow rate 1-2*	100 Nl/min
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

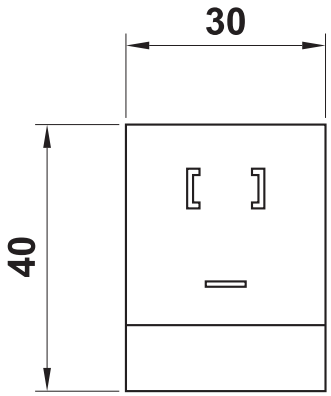
Materiali
Corpo: ottone OT58
Elettropilota: INOX

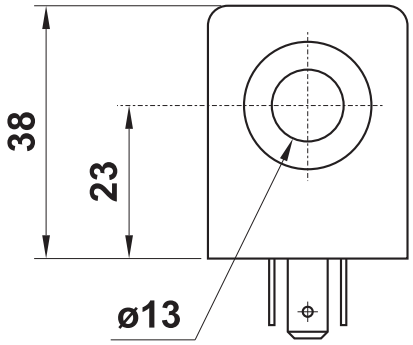
Materials
Body: brass OT58
Solenoid armature: stainless steel

bobine con canotto 13 mm

coils with 13 mm armature

30 mm

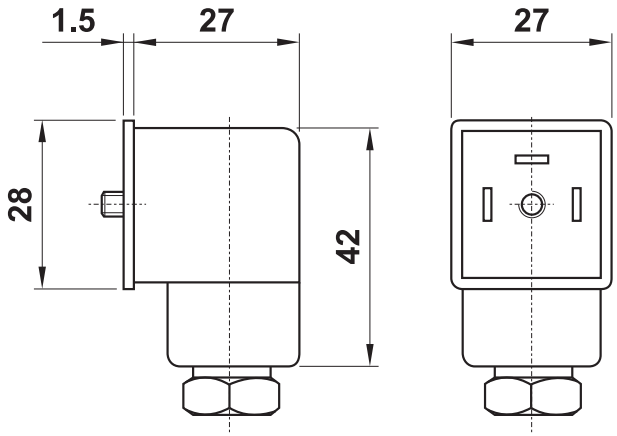




temperatura max di esercizio	**+50°C**	*max working temperature*
inserimento	**ED 100%**	*duty cycle*
protezione **con connettore** correttamente montato	**IP 65**	*protection **with connector** correctly mounted*
tolleranza di tensione	**±10%**	*tension tolerance*

codice *code*	**tensione** *tension*	**consumo** - *power*	
		a regime *rated*	**di spunto** *inrush*
00.466.0	12V DC	10W	
00.447.0	24V DC	10W	
00.448.0	24V 50/60Hz	13VA	23VA
00.445.0	110V 50/60Hz	13VA	23VA
00.446.0	220V 50/60Hz	13VA	23VA

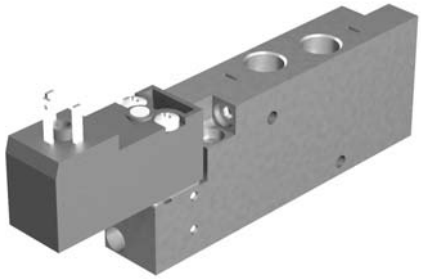
codice *code*	**colore** *colour*	**cavo** *cable*	**tipo** *type*
00.251.0	nero *black*	PG09	normale *standard*
00.348.0	trasparente *transparent*	PG09	con LED 24V *with LED 24V*
00.349.0	trasparente *transparent*	PG09	con LED 24V e VDR *with LED 24V and VDR*
00.350.0	trasparente *transparent*	PG09	con LED 115V *with LED 115V*
00.351.0	trasparente *transparent*	PG09	con LED 115V e VDR *with LED 115V and VDR*
00.396.0	trasparente *transparent*	PG09	con LED 230V *with LED 230V*
00.397.0	trasparente *transparent*	PG09	con LED 230V e VDR *with LED 230V and VDR*



valvole 16 mm ad azion. elettropneumatico

solenoid actuated valves - 16 mm

- Valvole a spola 5/2 con attacchi filettati G1/8"
  5/2 spool valves with G1/8" threaded ports
- Comandi elettrici 15 mm con azionamento manuale
  Solenoid pilots 15 mm with manual override
- Entrata e uscite: G1/8"; scarichi: M5
  Air supply and exit ports: G1/8"; exhaust ports: M5



Materiali
Corpo: alluminio 11S
Molle: INOX
Guarnizioni: NBR
Spola: alluminio nichelato
Parti interne: ottone OT58

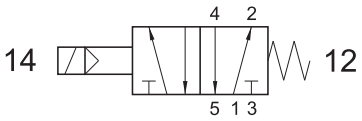
Materials
Body: aluminium 11S
Springs: stainless steel
Seals: NBR
Spool: nickel plated aluminium
Internal parts: brass OT58

Diametro nominale *Nominal orifice*	4 mm		
Portata nominale a 6 bar, Δp 1 bar *Nominal flow rate at 6 bar, Δp 1 bar*	350 Nl/min		
Temperatura di esercizio *Temperature range*	-5 ... +60°C		
Pressione di esercizio *Working pressure*	al. interna monost. *[monost. internal air supply]* 2.5 ... 10 bar 0.25 ... 1 MPa	al. interna bist. *[bi-stable internal air supply]* 2.5 ... 10 bar 0.25 ... 1 MPa	alim. separata *[separate air supply]* -0.9 ... 10 bar -0.09 ... 1 MPa
Pressione di azionamento (per alimentazione separata) *Actuating pressure (for separate air supply)*		monostabile *[mono-stable]* 2.5 ... 10 bar 0.25 ... 1 MPa	bistabile *[bi-stable]* 2.5 ... 10 bar 0.25 ... 1 MPa
Fluido *Fluid*	Aria filtrata 5μ con o senza lubrificazione *5μ filtered, lubricated or non lubricated air*		

451 ME xx

5/2 comando elettrico - ritorno a molla

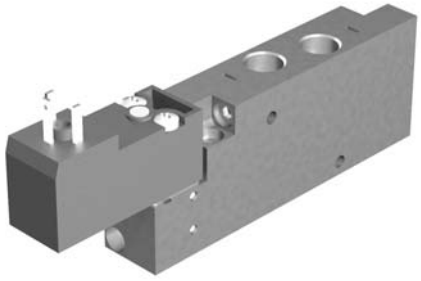
5/2 solenoid pilot - spring return

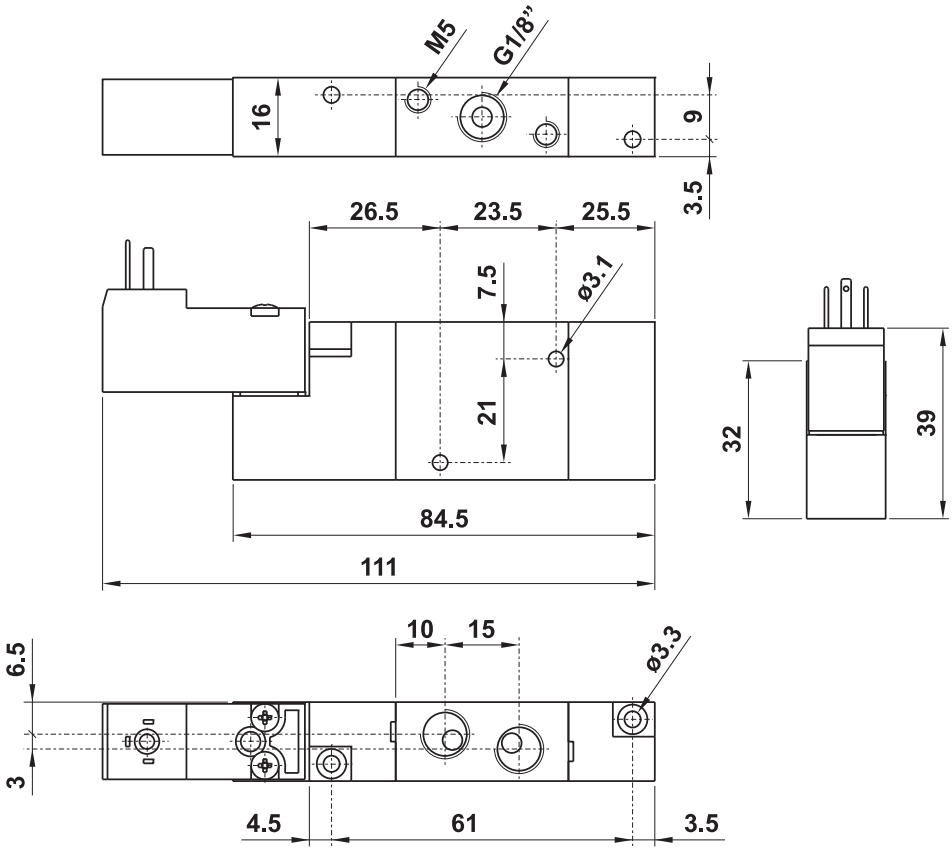


Nella sigla del prodotto sostituire le lettere "**xx**" con l'indicazione della tensione.

*In the part number replace "**xx**" with the reference of the solenoid tension.*

24V DC	**01**
24V 50/60Hz	**02**





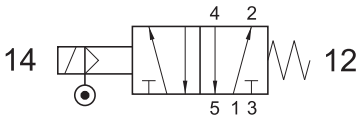
451 ME AS xx

5/2 comando elettrico alimentazione separata - ritorno a molla

5/2 solenoid pilot with separate air supply - spring return

L'alimentazione separata funziona solo se la valvola è montata su sottobase **modulare**

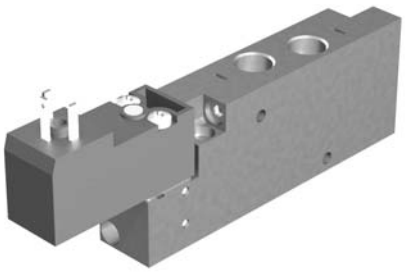
*The separate air supply works only if the valve is mounted on **modular** sub-base*

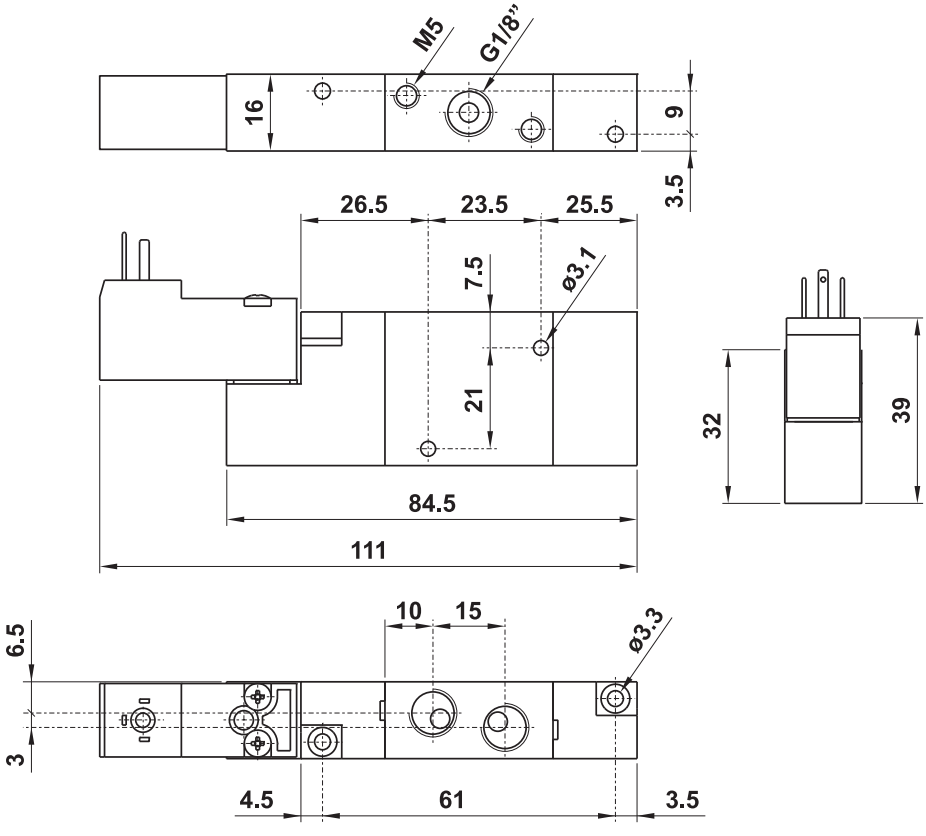


Nella sigla del prodotto sostituire le lettere "**xx**" con l'indicazione della tensione.

*In the part number replace "**xx**" with the reference of the solenoid tension.*

24V DC	**01**
24V 50/60Hz	**02**

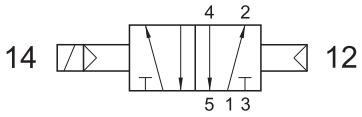




451 CE xx

5/2 comando elettrico - ritorno a comando pneumatico

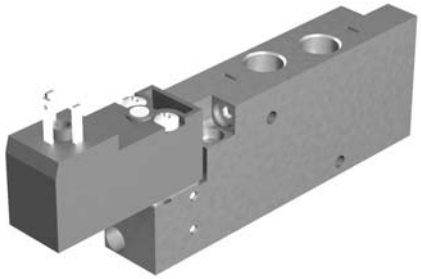
5/2 solenoid pilot - separate pneumatically piloted return

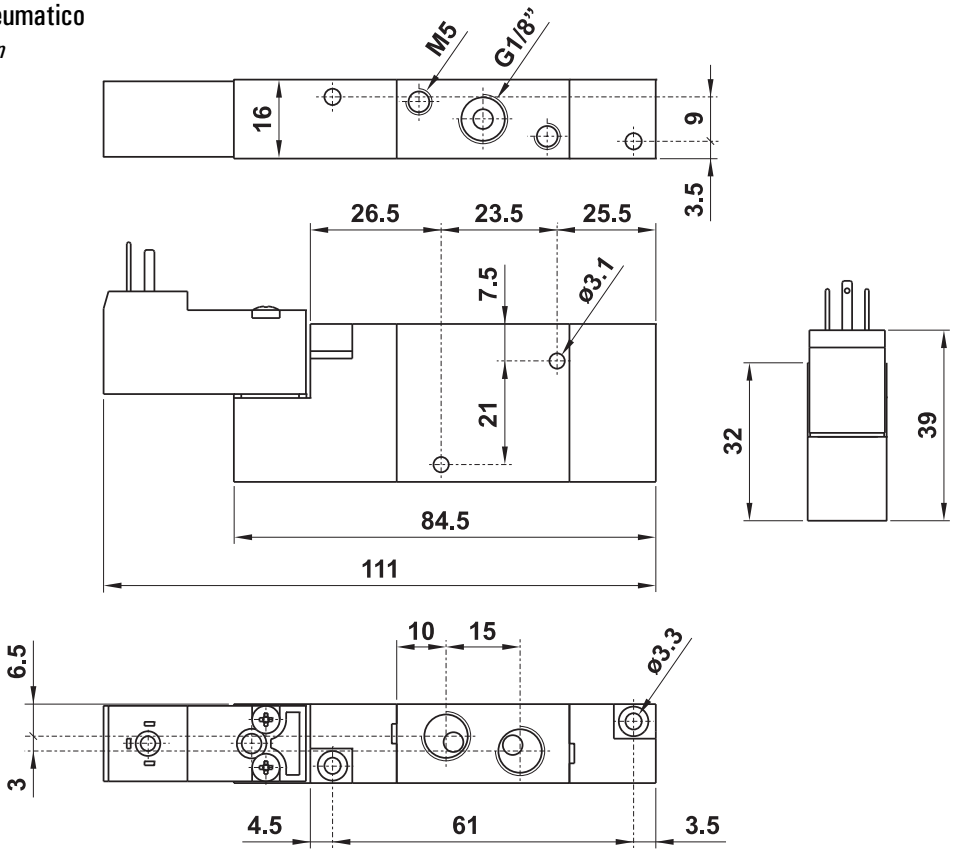


Nella sigla del prodotto sostituire le lettere "**xx**" con l'indicazione della tensione.

*In the part number replace "**xx**" with the reference of the solenoid tension.*

24V DC	**01**
24V 50/60Hz	**02**

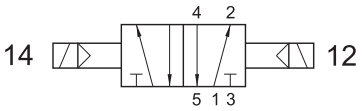




451 EE xx

5/2 doppio comando elettrico

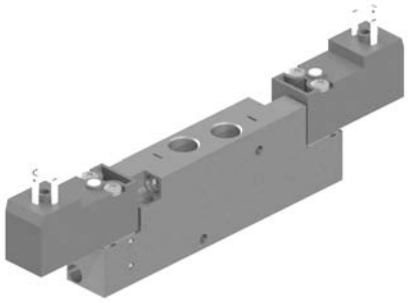
5/2 double solenoid pilot

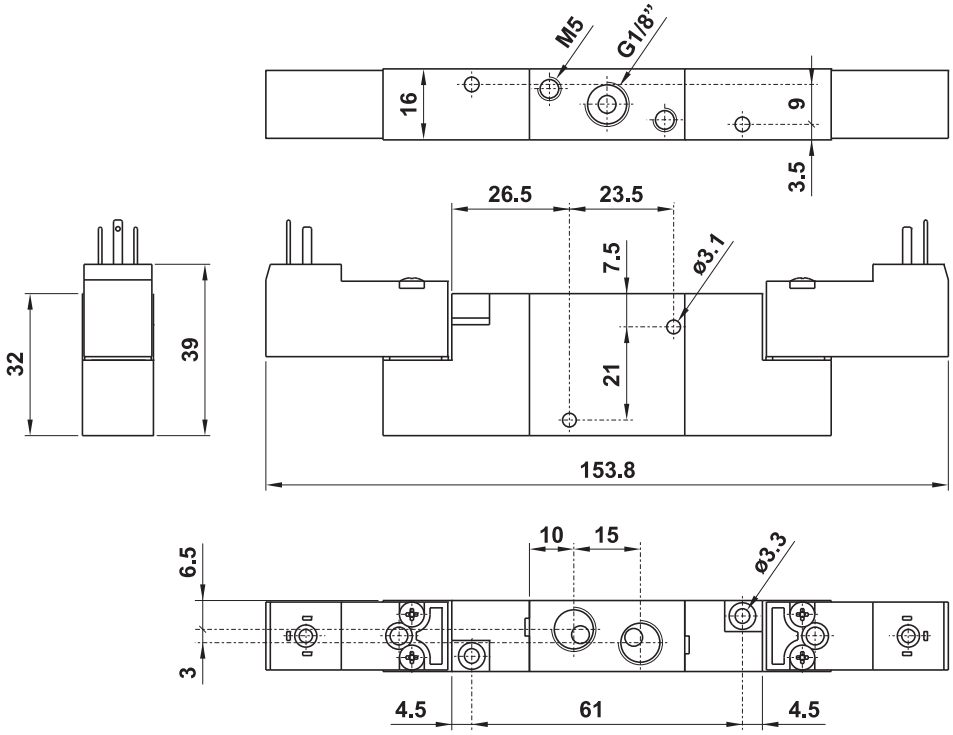


Nella sigla del prodotto sostituire le lettere "**xx**" con l'indicazione della tensione.

*In the part number replace "**xx**" with the reference of the solenoid tension.*

24V DC	**01**
24V 50/60Hz	**02**





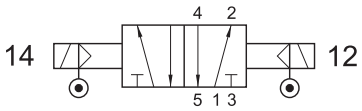
451 EE AS xx

5/2 doppio comando elettrico alimentazione separata

5/2 double solenoid pilot with separate air supply

L'alimentazione separata funziona solo se la valvola è montata su sottobase **modulare**

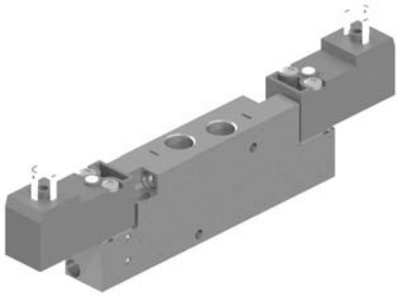
*The separate air supply works only if the valve is mounted on **modular** sub-base*

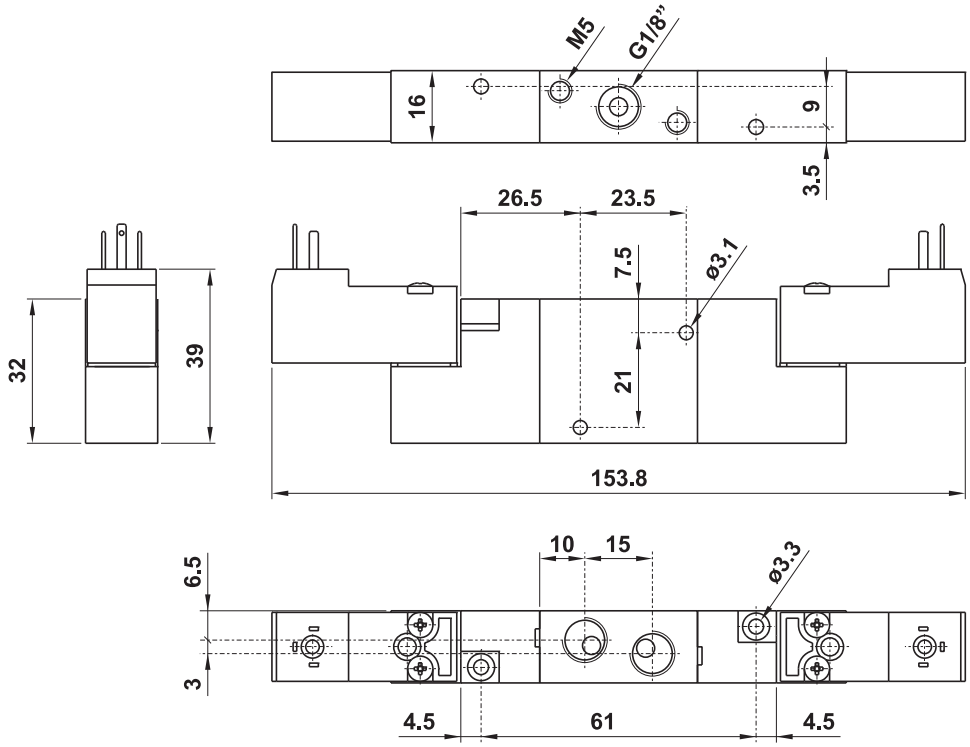


Nella sigla del prodotto sostituire le lettere "**xx**" con l'indicazione della tensione.

*In the part number replace "**xx**" with the reference of the solenoid tension.*

24V DC	**01**
24V 50/60Hz	**02**

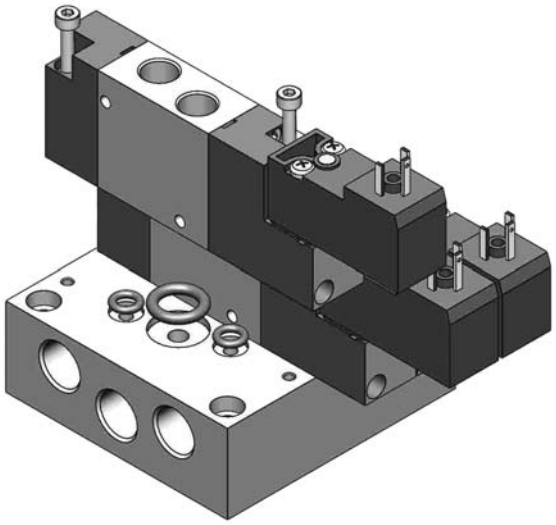


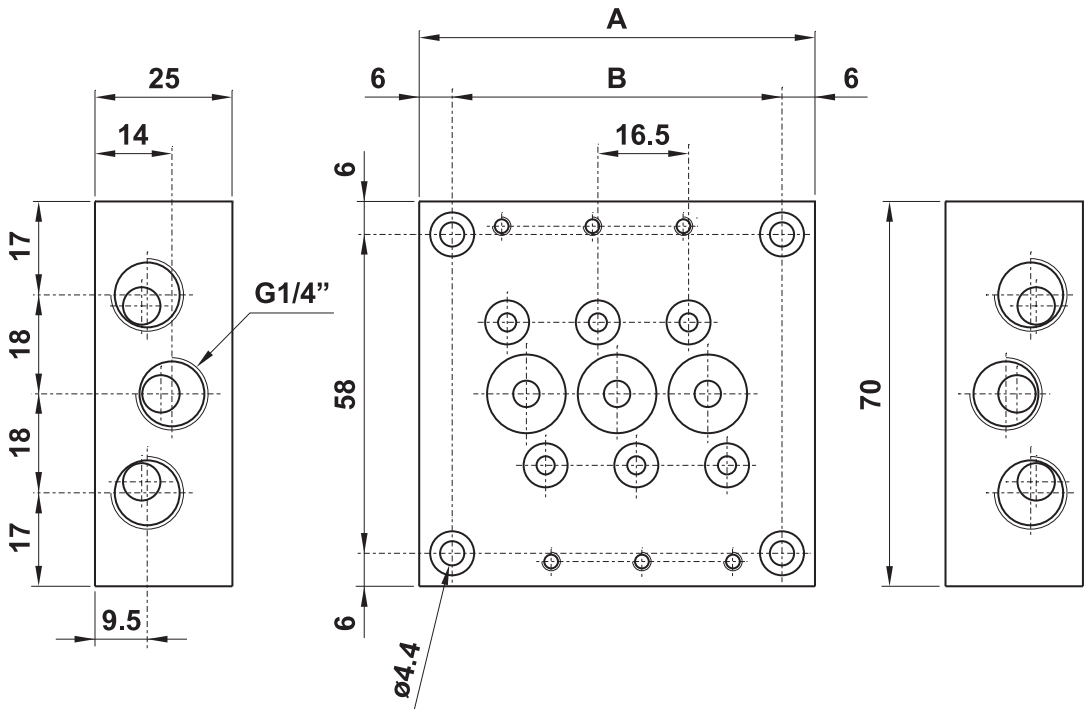


sottobasi per elettrovalvole 16 mm

manifolds for 16 mm solenoid valves

- Scarichi convogliati
  Common exhaust
- Pilotaggi separati per ogni valvola
  Individual pilot for each valve
- Materiale: alluminio anodizzato
  Material: aluminium (anodize treatment)
- Sottobasi speciali a richiesta
  Special manifolds on request



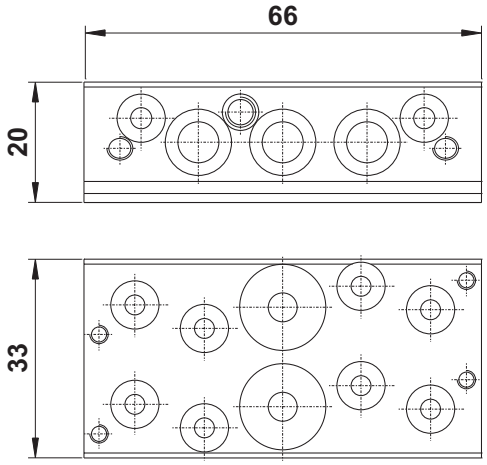


modello *model*	nr. posiz. *no. stations*	A	B
05.082.2	2	55.5	43.5
05.083.2	3	72	60
05.084.2	4	88.5	76.5
05.085.2	5	105	93
05.086.2	6	121.5	109.5
05.087.2	7	138	126
05.088.2	8	154.5	142.5
05.089.2	9	171	159
05.090.2	10	187.5	175.5
05.091.2	11	204	192
05.092.2	12	220.5	208.5

sottobasi per elettrovalvole 16 mm

manifolds for 16 mm solenoid valves

sottobase
sub-base



Ogni sottobase è venduta con i particolari necessari per il fissaggio e il montaggio delle valvole. Su ogni sottobase sono disponibili due posizioni. Se è necessario montare una sola vavola, occorre chiudere la posizione rimanente con la piastrina di chiusura.

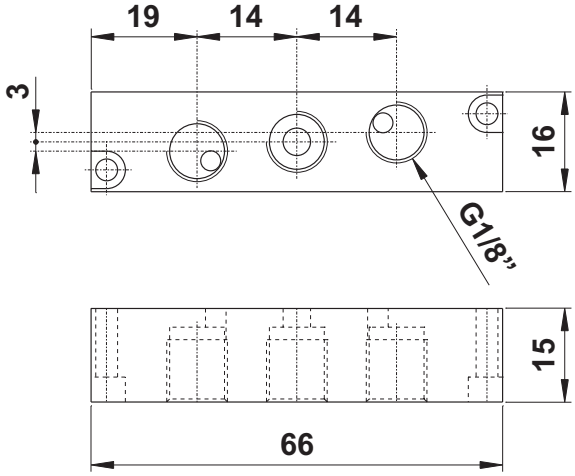
Each sub-base is sold with all necessary components to install the valves. Each sub-base has two positions. To install only one valve, it is necessary to close the other position with a blanking plate.

CODICE DI ORDINAZIONE - *ORDER CODE*

07.076.2 per valvole 1/8" - *for 1/8" valves*

---

intermedio
intermediate header



L'intermedio è utilizzabile per dividere una batteria di valvole in due parti e immettere l'aria per l'alimentazione di una delle due attraverso le connessioni di cui è dotato. È venduto con i pezzi necessari al suo assemblaggio.

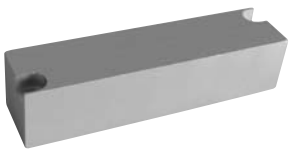
An intermediate header with separate air supply is available to be installed in a manifold system which requires mixed operating pressures.

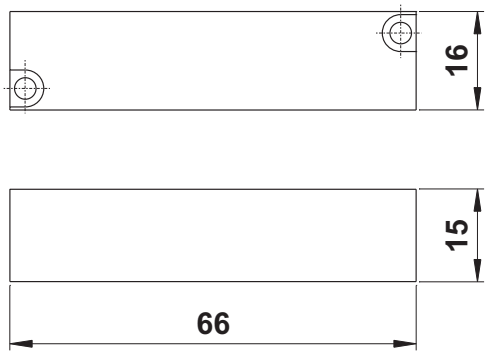
CODICE DI ORDINAZIONE - *ORDER CODE*

07.077.2 per batterie di valvole 1/8" - *for 1/8" manifolds*

---

piastrina di chiusura
blanking plate





Venduta completa di viti, chiude i fori di sottobasi eventualmente non utilizzate.

The blanking plate with screws is available to close manifold stations not in use.

CODICE DI ORDINAZIONE - *ORDER CODE*

07.078.2 per sottobasi 1/8" - *for 1/8" sub-bases*

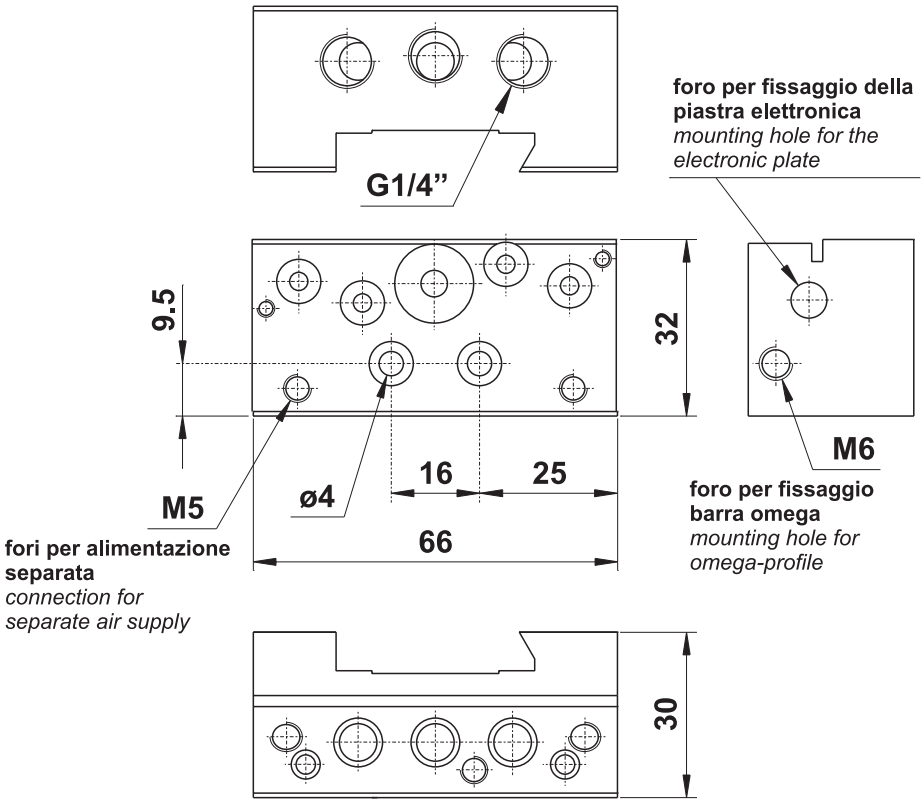
terminale destro
right inlet header

Per ogni batteria di valvole è necessario l'utilizzo di due terminali, uno destro e uno sinistro. Il terminale comprende una posizione per il montaggio di una valvola. Ogni terminale è venduto con i particolari necessari al suo assemblaggio.

Each manifold assembly requires a right and a left hand inlet header kit. The header includes one position for the installation of one valve.
Each inlet header is sold with all necessary components.

CODICE DI ORDINAZIONE
ORDER CODE

07.079.2 terminale destro per sottobasi 1/8"
right hand header for 1/8" manifolds



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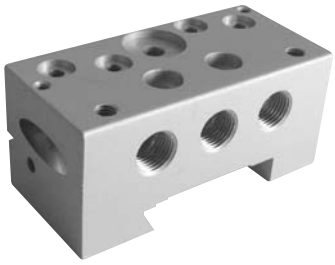
terminale sinistro
left inlet header

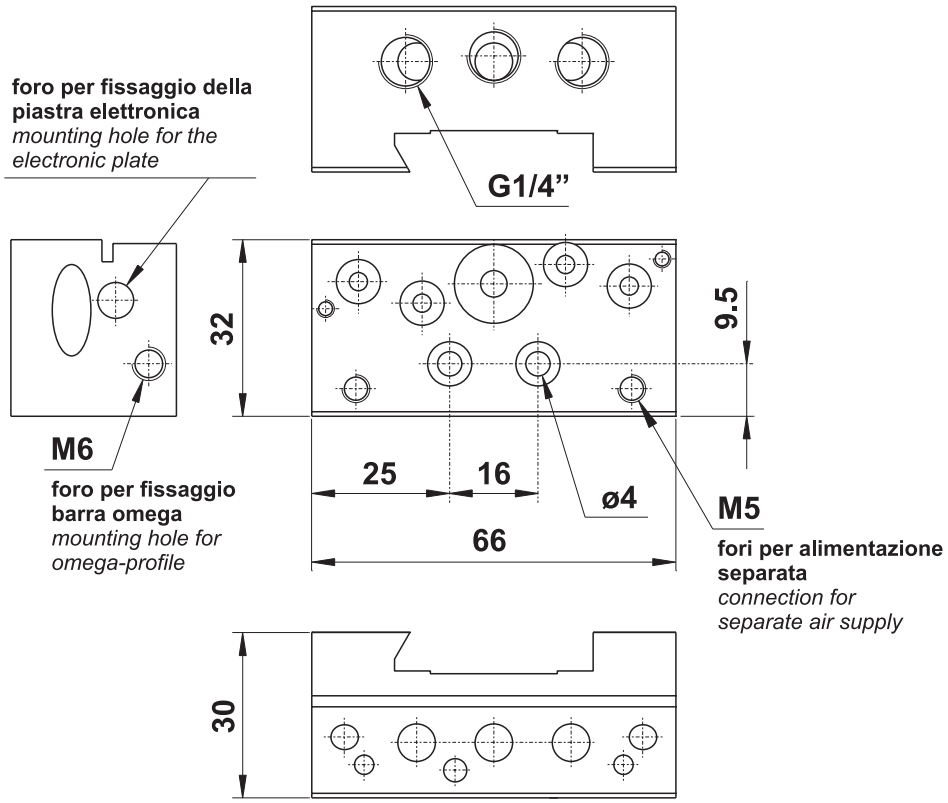


Per ogni batteria di valvole è necessario l'utilizzo di due terminali, uno destro e uno sinistro. Il terminale comprende una posizione per il montaggio di una valvola. Ogni terminale è venduto con i particolari necessari al suo assemblaggio.

Each manifold assembly requires a right and a left hand inlet header kit. The header includes one position for the installation of one valve.
Each inlet header is sold with all necessary components.

CODICE DI ORDINAZIONE
ORDER CODE

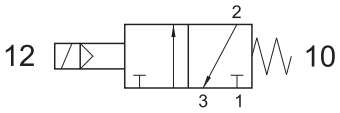
07.080.2 terminale sinistro per sottobasi 1/8"
left hand header for 1/8" manifolds



321 MRE

3/2 1/8" NC comando elettrico - ritorno a molla FONDELLO RINFORZATO

3/2 1/8" NC solenoid pilot - REINFORCED spring return



Non può essere utilizzata come valvola normalmente aperta.

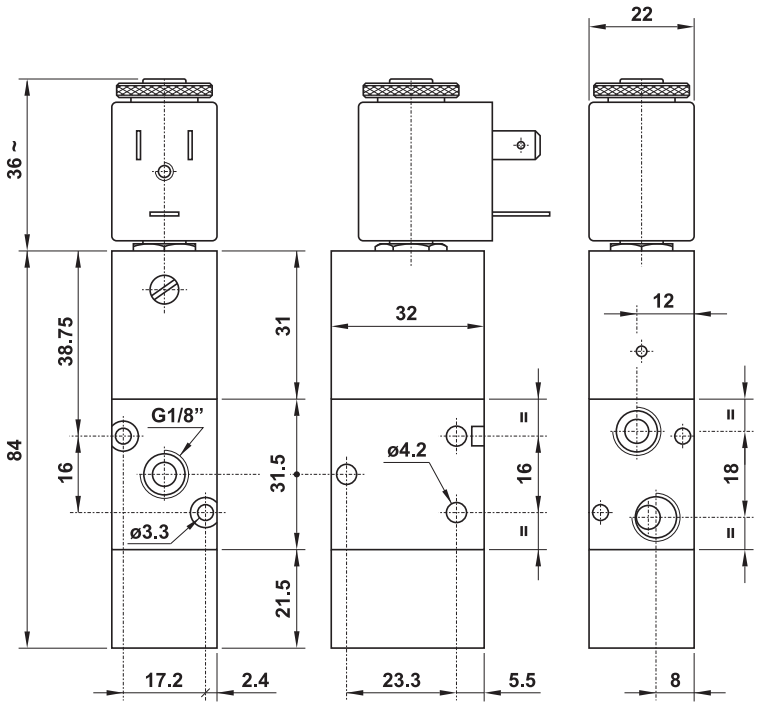
It cannot be used as normally open valve.

Pressione di esercizio: 2.5 ... 10 bar

Working pressure: 2.5 ... 10 bar

La molla rinforzata permette un ritorno efficace della spola anche in assenza di aria.

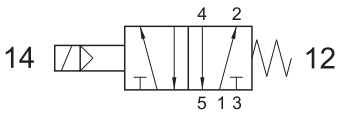
The reinforced spring allows a prompt return of the spool also in lack of air.



521 MRE

5/2 1/8" comando elettrico - ritorno a molla FONDELLO RINFORZATO

5/2 1/8" solenoid pilot - REINFORCED spring return

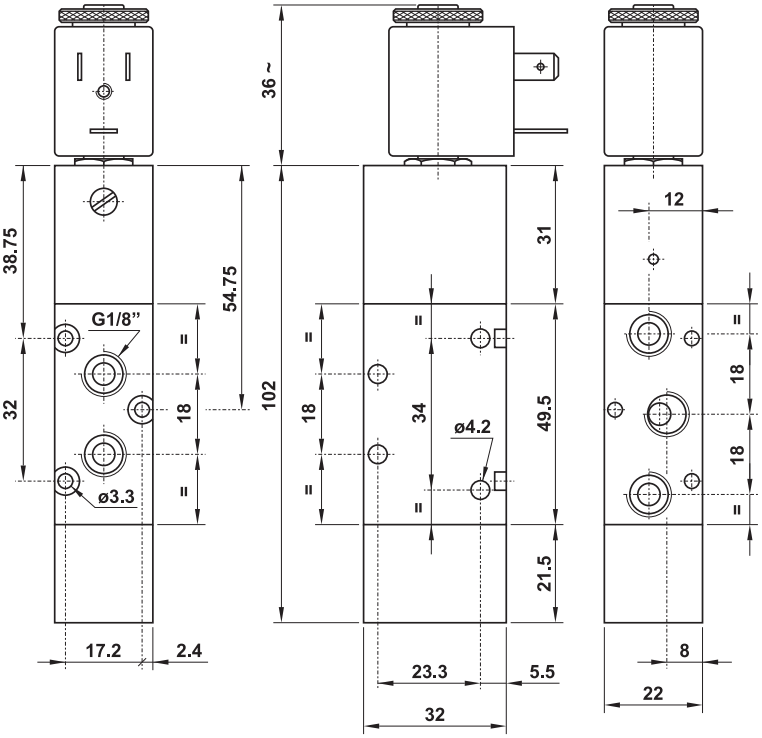


Pressione di esercizio: 2.5 ... 10 bar

Working pressure: 2.5 ... 10 bar

La molla rinforzata permette un ritorno efficace della spola anche in assenza di aria.

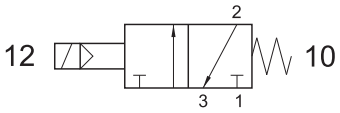
The reinforced spring allows a prompt return of the spool also in lack of air.



322 MRE

3/2 1/4" NC comando elettrico - ritorno a molla FONDELLO RINFORZATO

3/2 1/4" NC solenoid pilot - REINFORCED spring return



Non può essere utilizzata come valvola normalmente aperta.

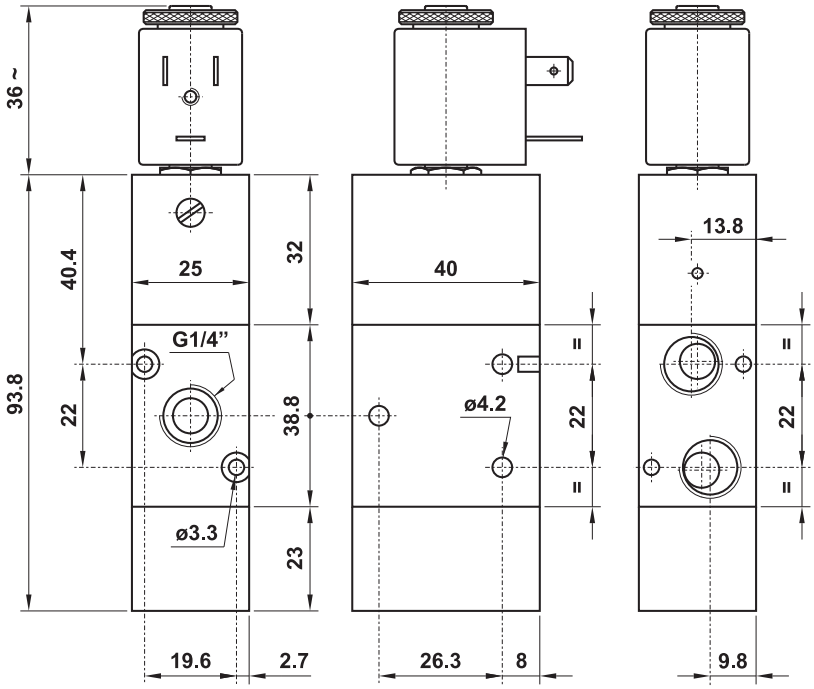
It cannot be used as normally open valve.

Pressione di esercizio: 2.5 ... 10 bar

Working pressure: 2.5 ... 10 bar

La molla rinforzata permette un ritorno efficace della spola anche in assenza di aria.

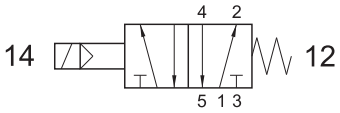
The reinforced spring allows a prompt return of the spool also in lack of air.



522 MRE

5/2 1/4" comando elettrico - ritorno a molla FONDELLO RINFORZATO

5/2 1/4" solenoid pilot - REINFORCED spring return

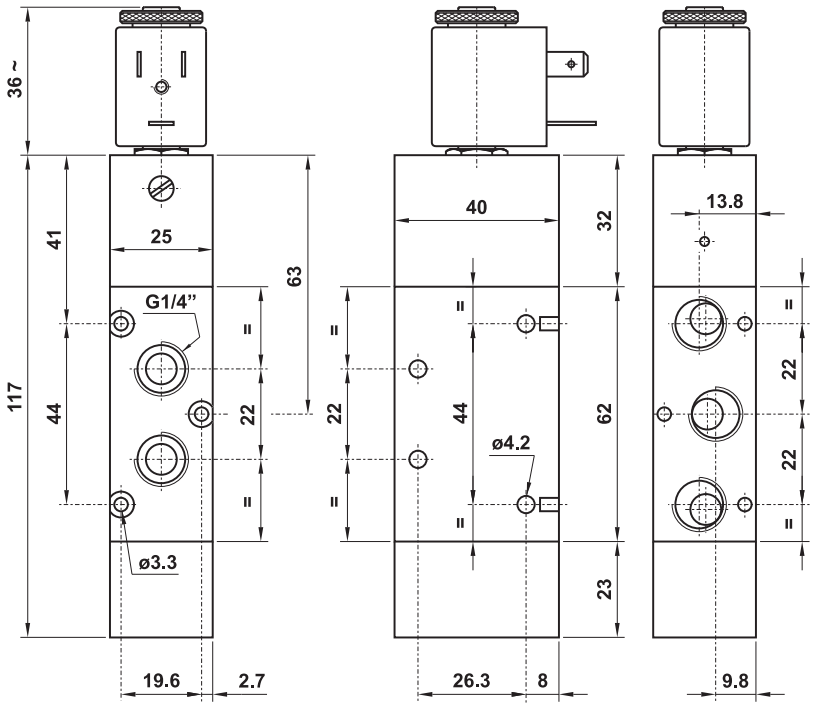


Pressione di esercizio: 2.5 ... 10 bar

Working pressure: 2.5 ... 10 bar

La molla rinforzata permette un ritorno efficace della spola anche in assenza di aria.

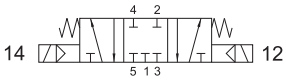
The reinforced spring allows a prompt return of the spool also in lack of air.



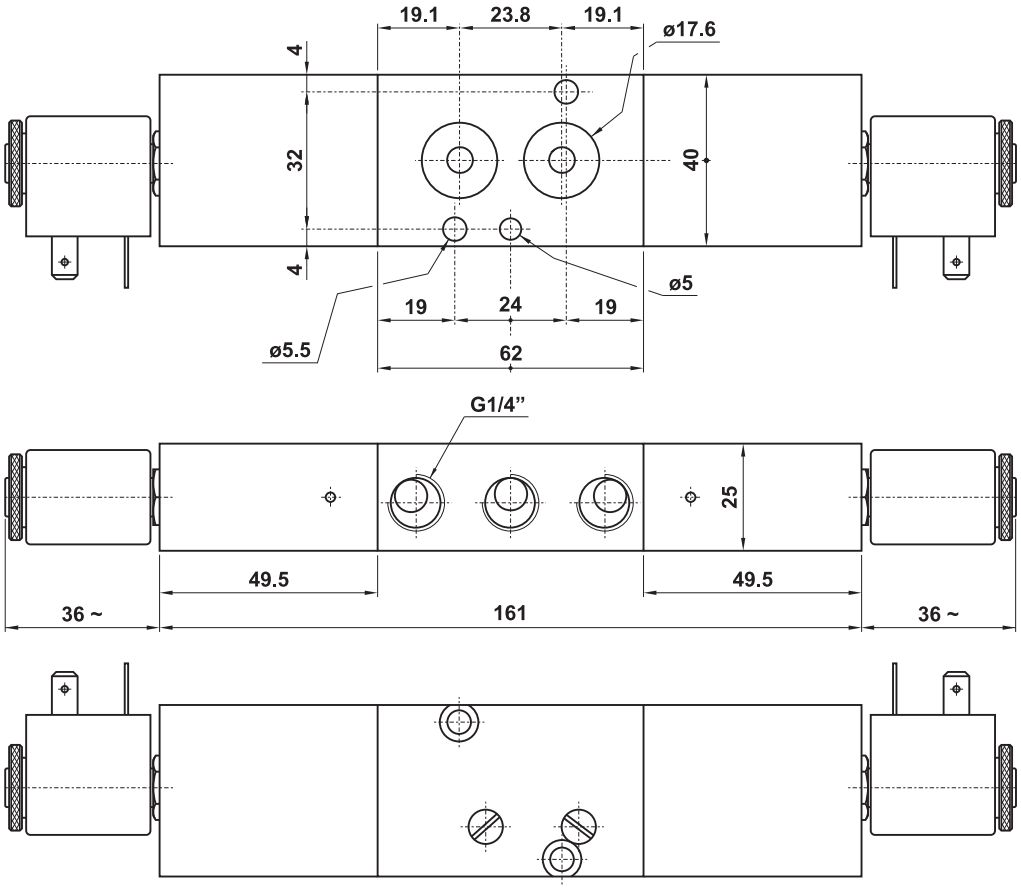
5823C EE

centri chiusi
closed centres

5/3 1/4" doppio comando elettrico
5/3 1/4" double solenoid pilot



SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



01.202.3

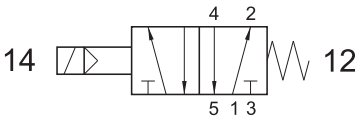
Elettrovalvola NAMUR **multifunzione**

***multifunction** NAMUR solenoid valve*

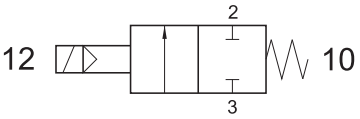
Questa elettrovalvola NAMUR può essere utilizzata come 5/2, 3/2 NC, 3/2 NA, 2/2 NC, 2/2 NA senza dovere effettuare regolazioni o modifiche sul corpo valvola o inserire adattatori.

This NAMUR solenoid valve can be used as 5/2, 3/2 NC, 3/2 NO, 2/2 NC, 2/2 NO without setting or modifying anything in the valve body and without inserting any adaptor.

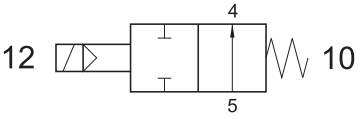
5/2



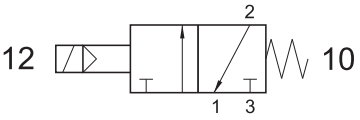
2/2 NC



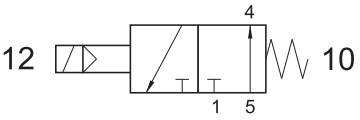
2/2 NA *[2/2 NO]*

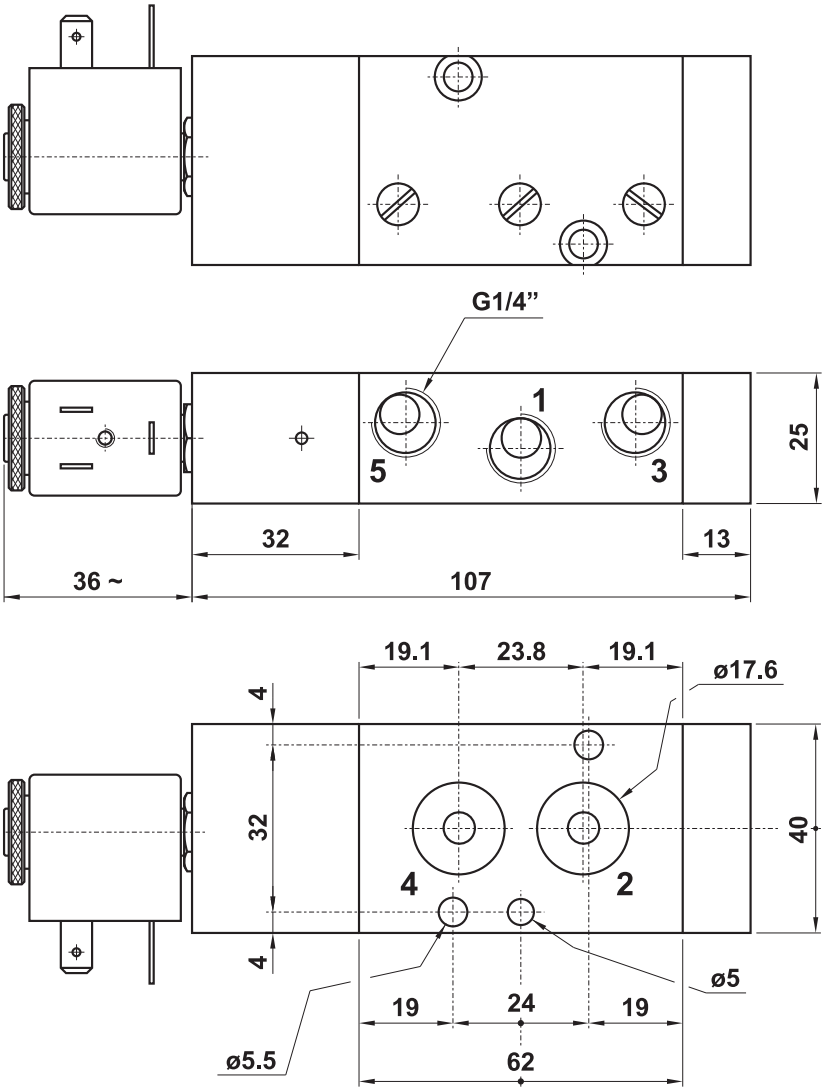


3/2 NC



3/2 NA *[3/2 NO]*





I prodotti qui indicati sono venduti senza bobine, da acquistarsi separatamente.

All here mentioned products are sold without coils, which are bought separately.

multiconnessione plug-in uscite in base

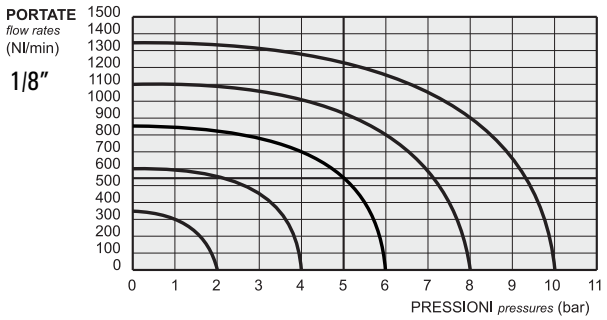
plug-in multiconnection with exit ports on the sub-base

- Valvole a spola 3/2-5/2-5/3 con attacchi filettati G1/8"
  3/2-5/2-5/3 spool valves with G1/8" threaded ports
- Comandi elettrici con azionamento manuale
  Solenoid pilots with manual override
- Tensione 24V DC
  Tension 24V DC
- Protezione elettrica IP 40
  Electrical protection IP 40
- Potenza 0.5 ... 1W
  Power 0.5 ... 1W
- Massimo 12 valvole bistabili o 24 monostabili
  Maximum 12 bi-stable valves or 24 mono-stable

Materiali
Corpo: alluminio 11S
Fondelli: tecnopolimero (*) o alluminio
Molle: INOX
Guarnizioni: NBR
Spola: alluminio nichelato
Parti interne: ottone OT58

Materials
Body: aluminium 11S
End caps: technopolymer (*) or aluminium
Springs: stainless steel
Seals: NBR
Spool: nickel plated aluminium
Internal parts: brass OT58

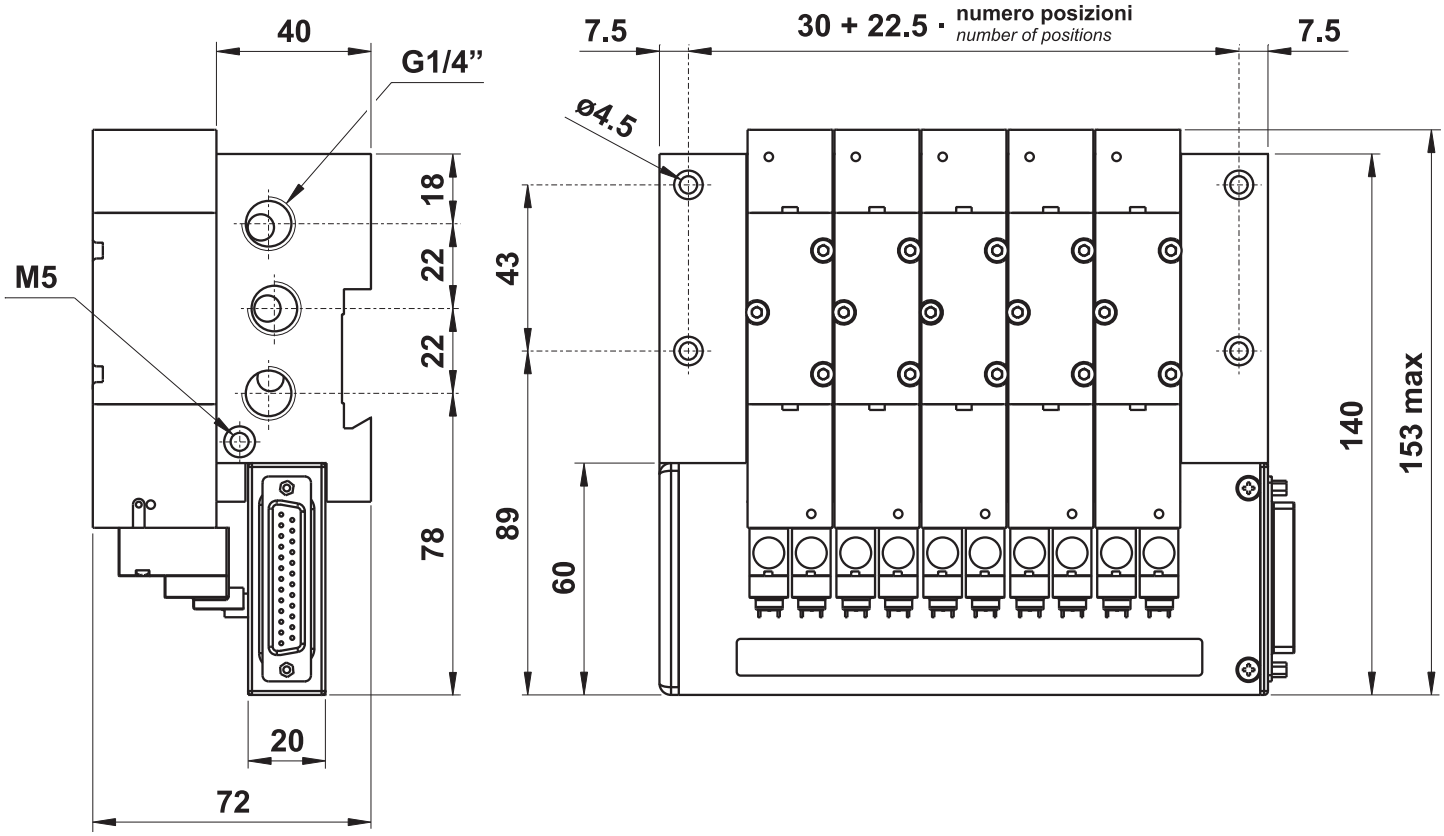
(*) Le parti in tecnopolimero recano impresso il logo
(*) The parts in technopolymer are marked with the logo



Diametro nominale *Nominal orifice*		1/8": 5 mm	
Temperatura di esercizio *Temperature range*		-5 ... +60°C	
Pressione di esercizio *Working pressure*	al. interna monost. *[monost. internal air supply]*	al. interna bist. *[bi-stable internal air supply]*	alim. separata *[separate air supply]*
	2.5 ... 7 bar 0.25 ... 0.7 MPa	2.5 ... 7 bar 0.25 ... 0.7 MPa	-0.9 ... 10 bar -0.09 ... 1 MPa
Pressione di azionamento (per alimentazione separata) *Actuating pressure (for separate air supply)*		monostabile *[mono-stable]*	bistabile *[bi-stable]*
		2.5 ... 7 bar 0.25 ... 0.7 MPa	2.5 ... 7 bar 0.25 ... 0.7 MPa
Fluido *Fluid*		Aria filtrata 5μ con o senza lubrificazione *5μ filtered, lubricated or non lubricated air*	

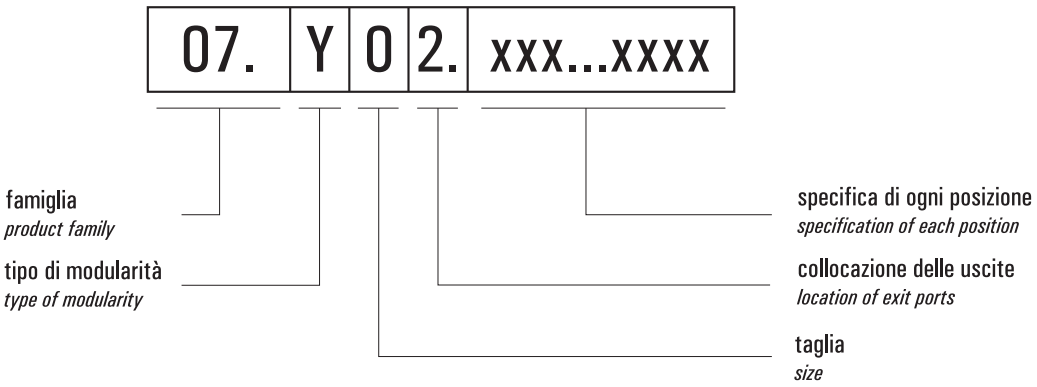
multiconnessione plug-in uscite in base

plug-in multiconnection with exit ports on the sub-base



chiave di codifica

key to codes



Famiglia *[product family]*

07 multiconnessione plug-in *[plug-in multiconnection]*

Tipo di modularità *[type of modularity]*

Y sottobasi modulari *[modular multiple sub-bases]*

Taglia *[size]*

0 G1/8" 22 mm

Collocazione delle uscite *[location of exit ports]*

2 in base *[on the sub-base]*

Specifica di ogni posizione *[specification of each position]*

RISPETTARE MAIUSCOLE E MINUSCOLE
CASE SENSITIVE

G1/8"

a 521B ME
b 521B ME AS
c 521B EE
d 521B EED
e 521B EE AS
f 2x321B ME
g 2x321B ME AS
h 521B3C EE
j 521B3A EE
k 521B3P EE
m 521B3C EE AS
n 521B3A EE AS
p 521B3P EE AS
q 521B CE
r Piastrina di chiusura *[blanking plate]*
s Intermedio *[intermediate header]*
t Diaframma alimentazione *[diaphragm on air supply]*
u Diaframma scarichi *[diaphragm on exhausts]*
v Diaframma alimentazione + scarichi *[diaphragm on air supply and exhausts]*

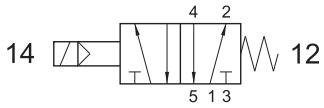
Le valvole, le parti elettroniche e le sottobasi con i relativi elementi accessori sono compresi e premontati nella multiconnessione ordinata secondo la presente chiave di codifica, non è pertanto necessario ordinarli separatamente.

Valves, electronic parts and sub-bases with accessories are included and preassembled in the multiconnection manifold ordered according to these codes. It is not necessary to order them separately.

521B ME

5/2 1/8" comando elettrico - ritorno a molla

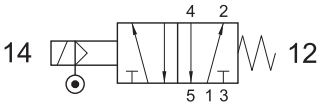
5/2 1/8" solenoid pilot - spring return



521B ME AS

5/2 1/8" comando elettrico alimentazione separata - ritorno a molla

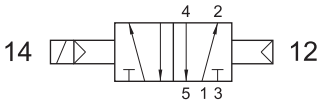
5/2 1/8" solenoid pilot with separate air supply - spring return

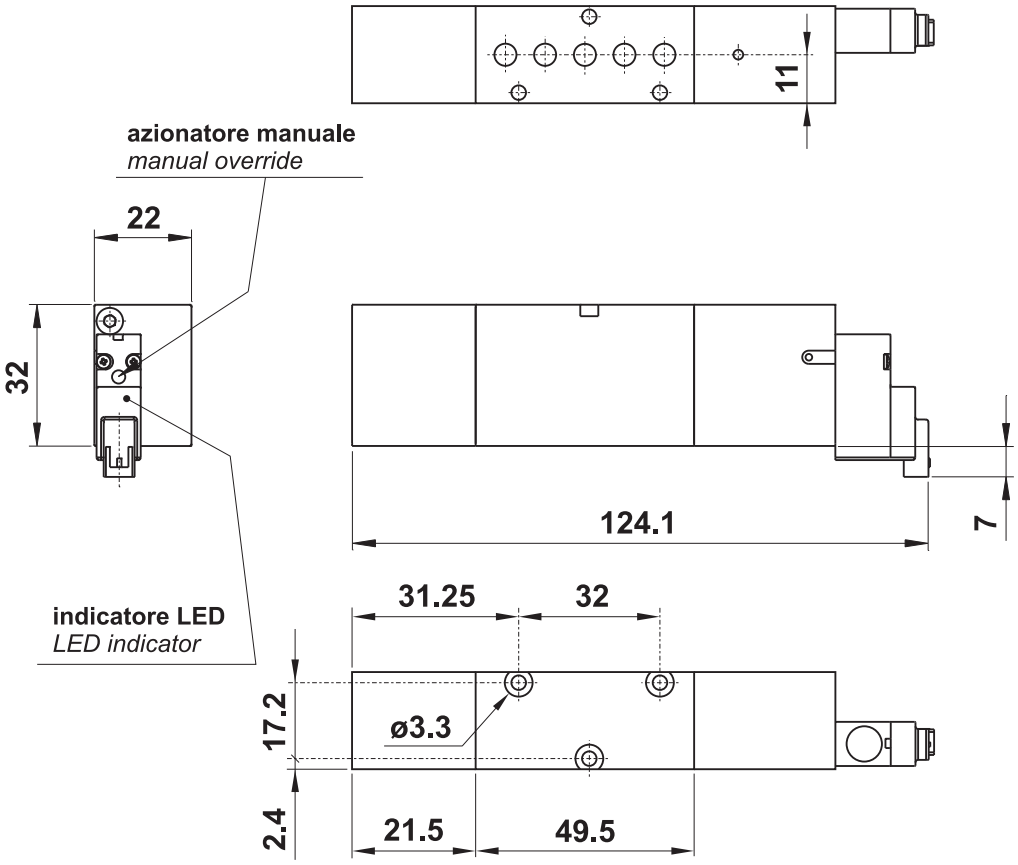


521B CE

5/2 1/8" comando elettrico - ritorno a comando pneumatico

5/2 1/8" solenoid pilot - separate pneumatically piloted return

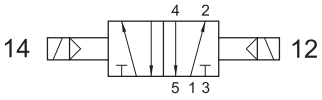




521B EE

5/2 1/8" doppio comando elettrico

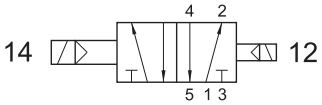
5/2 1/8" double solenoid pilot



521B EED

5/2 1/8" doppio comando elettrico - con differenziale

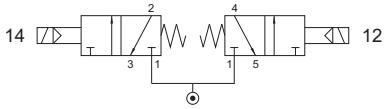
5/2 1/8" double solenoid pilot - with differential



2x321B ME

doppia 3/2 1/8" comando elettrico - ritorno a molla

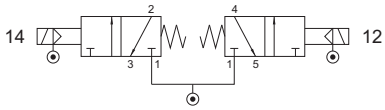
double 3/2 1/8" solenoid pilot - spring return



2x321B ME AS

doppia 3/2 1/8" comando elettrico alimentazione separata - ritorno a molla

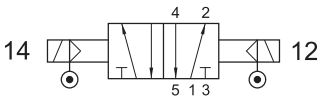
double 3/2 1/8" solenoid pilot with separate air supply - spring return

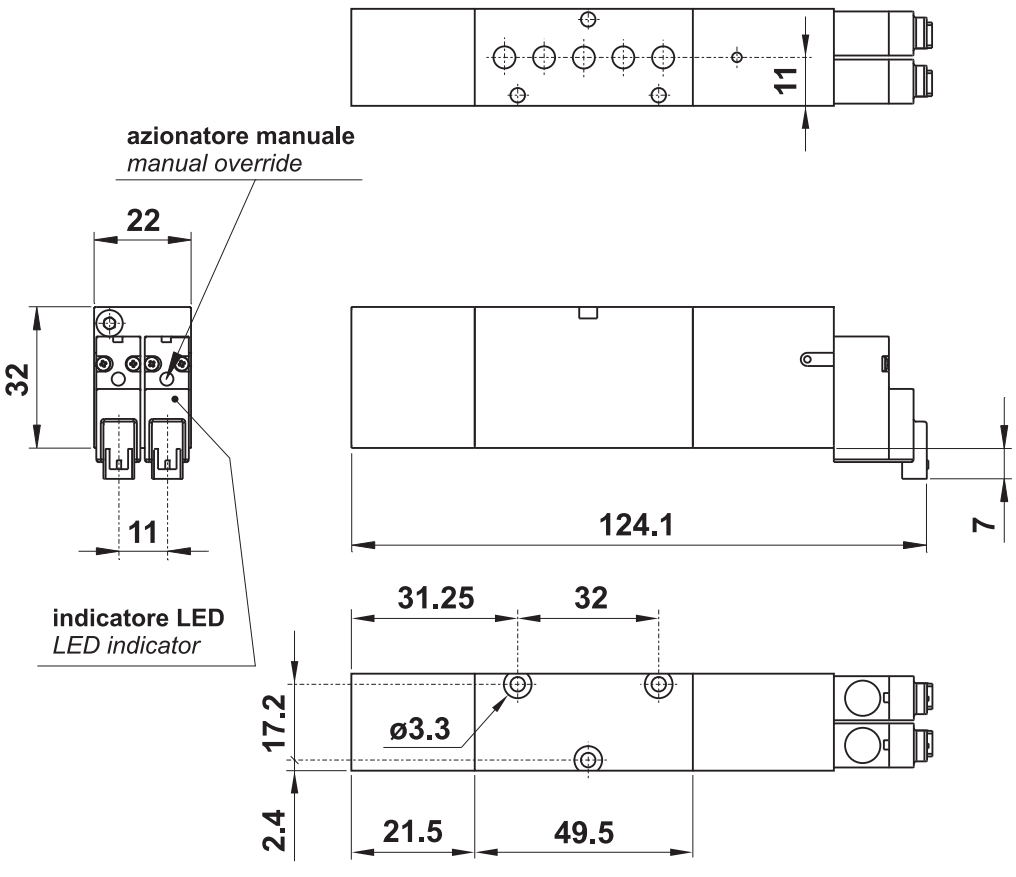


521B EE AS

5/2 1/8" doppio comando elettrico alimentazione separata

5/2 1/8" double solenoid pilot with separate air supply

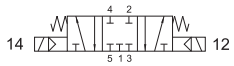




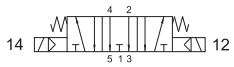
multiconnessione plug-in uscite in base

plug-in multiconnection with exit ports on the sub-base

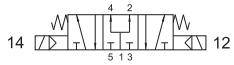
521B3C EE centri chiusi *closed centres*



521B3A EE centri aperti *open centres*



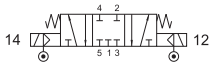
521B3P EE centri in pressione *pressurized centres*



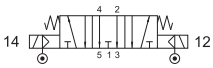
5/3 1/8" doppio comando elettrico

5/3 1/8" double solenoid pilot

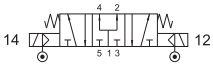
521B3C EE AS centri chiusi *closed centres*



521B3A EE AS centri aperti *open centres*

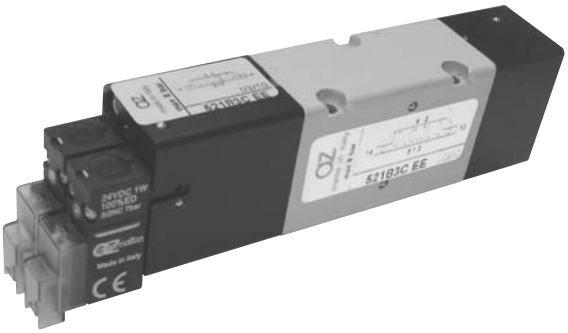


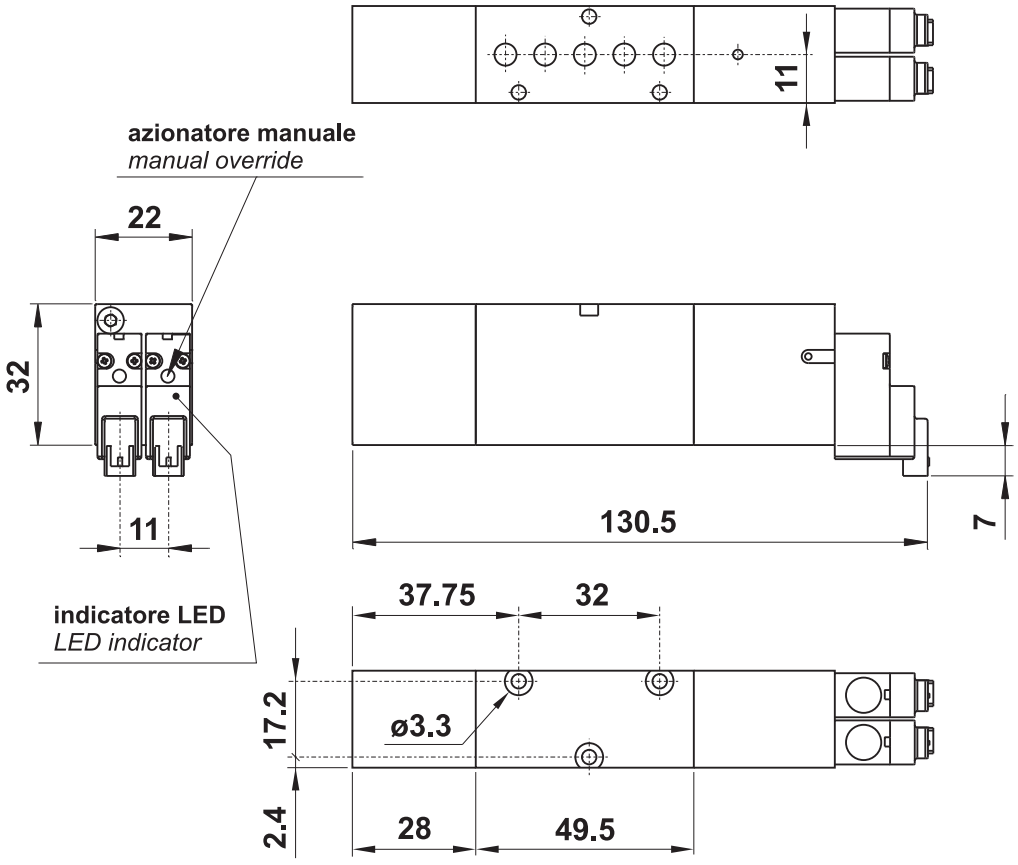
521B3P EE AS centri in pressione *pressurized centres*



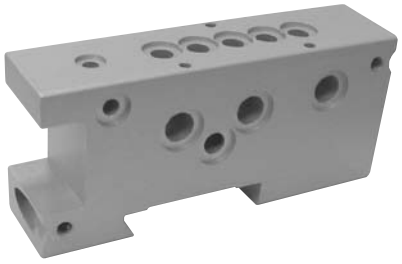
5/3 1/8" doppio comando elettrico alimentazione separata

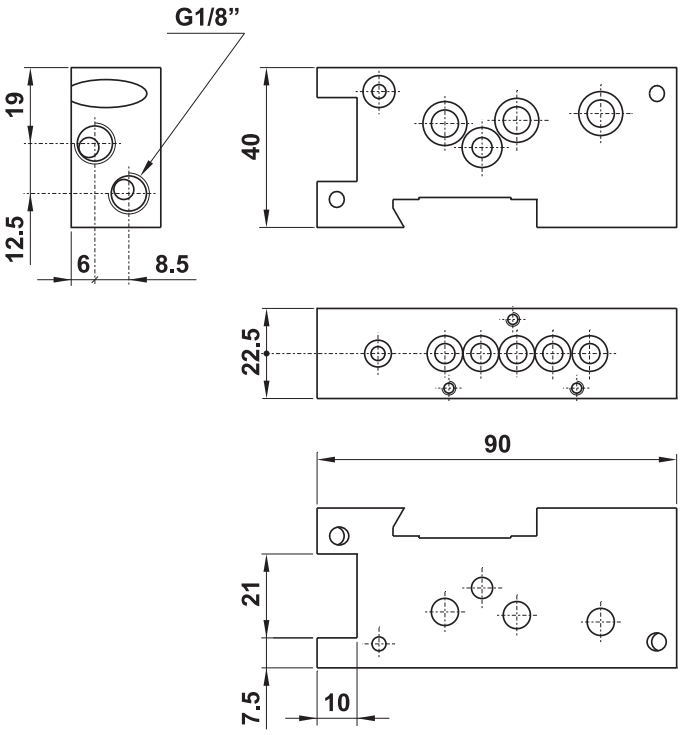
5/3 1/8" double solenoid pilot with separate air supply





sottobase singola
single sub-base





Le sottobasi devono essere utilizzate per il fissaggio delle valvole. Ogni sottobase è venduta con i particolari necessari per il fissaggio e il montaggio della valvola.
Each sub-base is sold with all necessary components to install the valve.

CODICE DI ORDINAZIONE
ORDER CODE

07.102.2 sottobase singola
single sub-base

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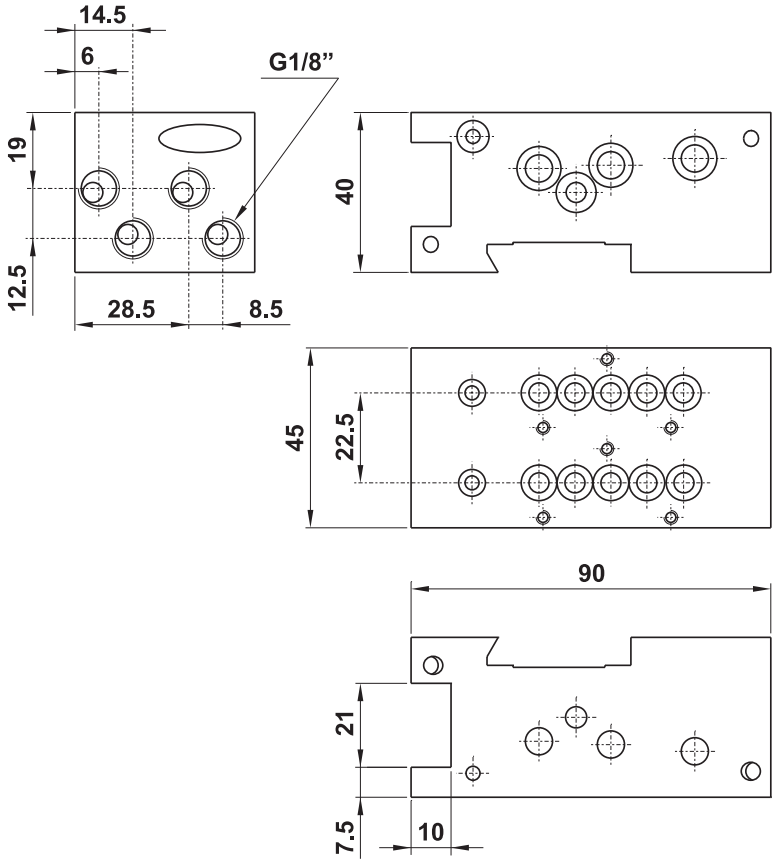
sottobase doppia
double sub-base

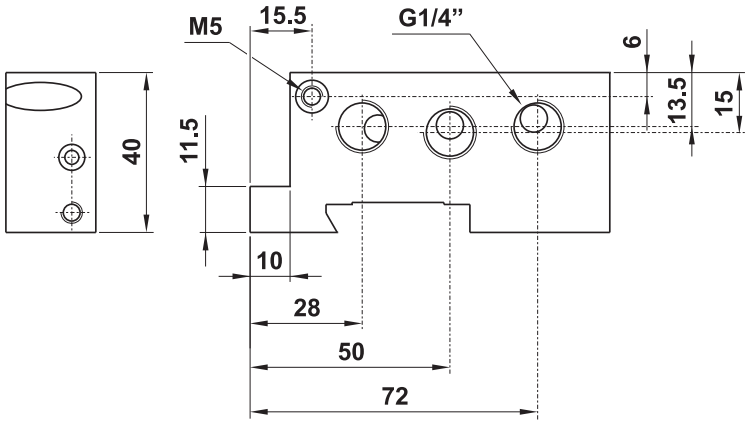


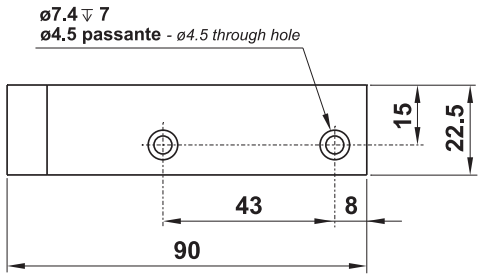
Le sottobasi devono essere utilizzate per il fissaggio delle valvole. Ogni sottobase è venduta con i particolari necessari per il fissaggio e il montaggio delle valvole.
Each sub-base is sold with all necessary components to install the valves.

CODICE DI ORDINAZIONE
ORDER CODE

07.103.2 sottobase doppia
double sub-base

terminale destro
right inlet header





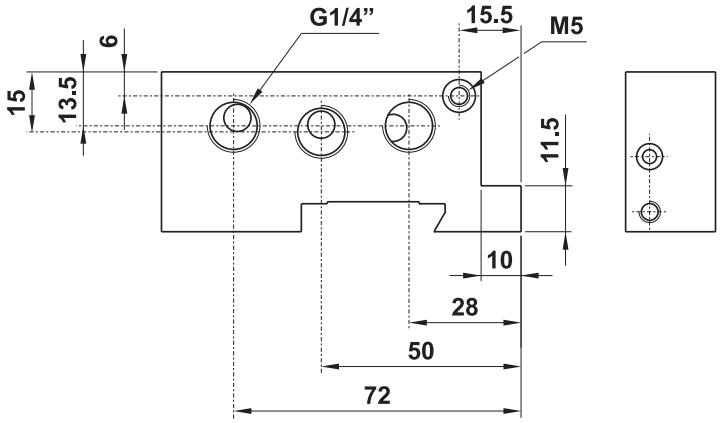
Per ogni batteria di valvole è necessario l’utilizzo di due terminali, uno destro e uno sinistro. Ogni terminale è venduto con i particolari necessari al suo assemblaggio.
Each manifold assembly requires a right and a left hand inlet header kit.
Each inlet header is sold with all necessary components.

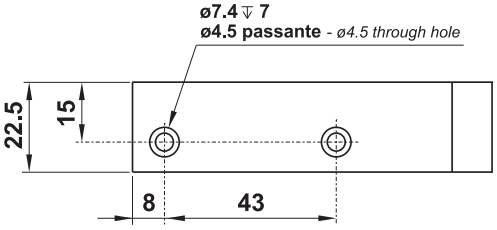
CODICE DI ORDINAZIONE
ORDER CODE

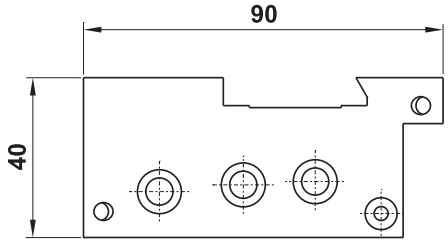
07.105.2 terminale destro
right hand header

---

terminale sinistro
left inlet header







Per ogni batteria di valvole è necessario l’utilizzo di due terminali, uno destro e uno sinistro. Ogni terminale è venduto con i particolari necessari al suo assemblaggio.
Each manifold assembly requires a right and a left hand inlet header kit.
Each inlet header is sold with all necessary components.

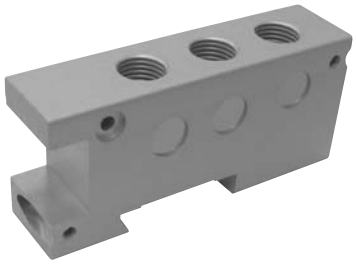
CODICE DI ORDINAZIONE
ORDER CODE

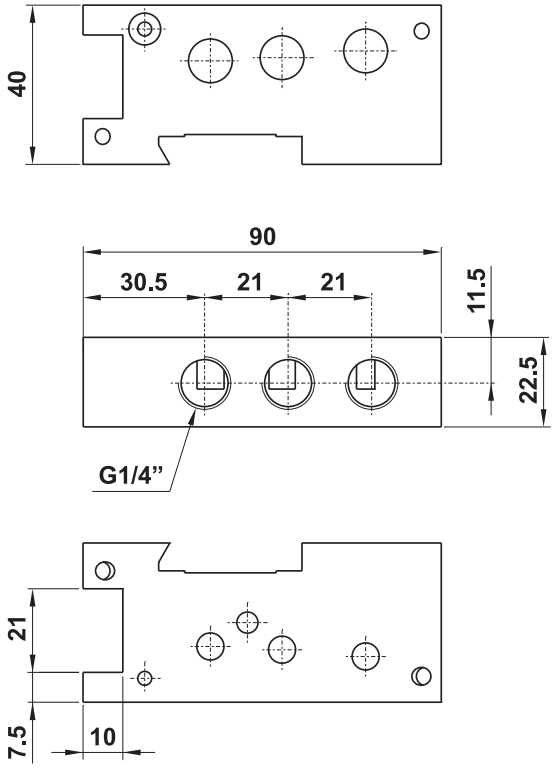
07.104.2 terminale sinistro
left hand header

multiconnessione plug-in uscite in base

plug-in multiconnection with exit ports on the sub-base

intermedio
intermediate header





L'intermedio è utilizzabile per dividere una batteria di valvole in due parti e immettere l'aria per l'alimentazione di una delle due attraverso le connessioni di cui è dotato, e/o per dividere in due parti gli scarichi convogliati. È venduto con i pezzi necessari al suo assemblaggio.

An intermediate header with separate air supply is available to be installed in a manifold system which requires mixed operating pressures. It can be used also to divide the common exhausts. It is sold with all necessary components for installation.

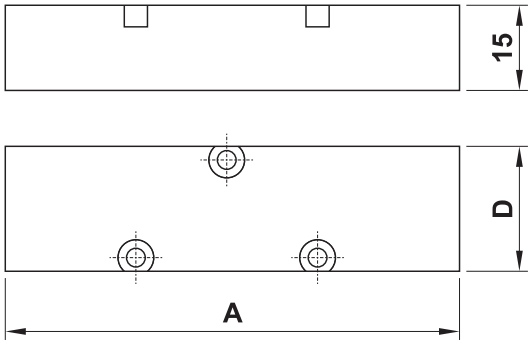
CODICE DI ORDINAZIONE - *ORDER CODE*

07.106.2 intermedio - *intermediate header*

---

piastrina di chiusura
blanking plate

	1/8"
A	80
D	22



Venduta completa di viti, chiude i fori di sottobasi eventualmente non utilizzate.

The blanking plate with gasket and screws is available to close manifold stations not in use.

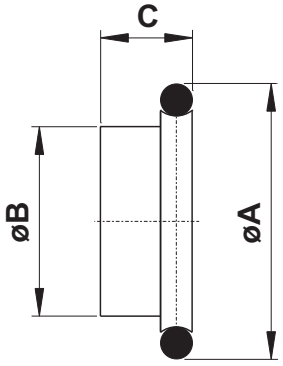
CODICE DI ORDINAZIONE - *ORDER CODE*

00.011.3 per sottobasi 1/8" - *for 1/8" sub-bases*

---

diaframma interno
internal diaphragm

	A	B	C
1/8"	10	6.6	3.2



Questo diaframma deve essere collocato internamente tra un elemento e l'altro della batteria di valvole per interrompere il flusso dell'aria e dividere la batteria in due o più settori. Può essere utilizzato per interrompere solo l'alimentazione, solo gli scarichi o sia alimentazione sia scarichi. Può essere ordinato singolarmente, e in questo caso deve essere inserito manualmente smontando parzialmente la batteria di valvole, oppure può essere ordinato insieme alla batteria di valvole indicandolo opportunamente come specificato nella chiave di codifica della multiconnessione.

This diaphragm must be inserted between two elements of the manifold to interrupt the air flow and divide the manifold into two or more parts. It can be used to interrupt only the supply air flow, only the exhausts or both air supply and exhausts. It can be ordered as spare part, and in this case it must be manually inserted after having partly disassembled the manifold, or it can be ordered together with the valve manifold, indicating it in the order code as specified in the codes explanation of the multiconnection.

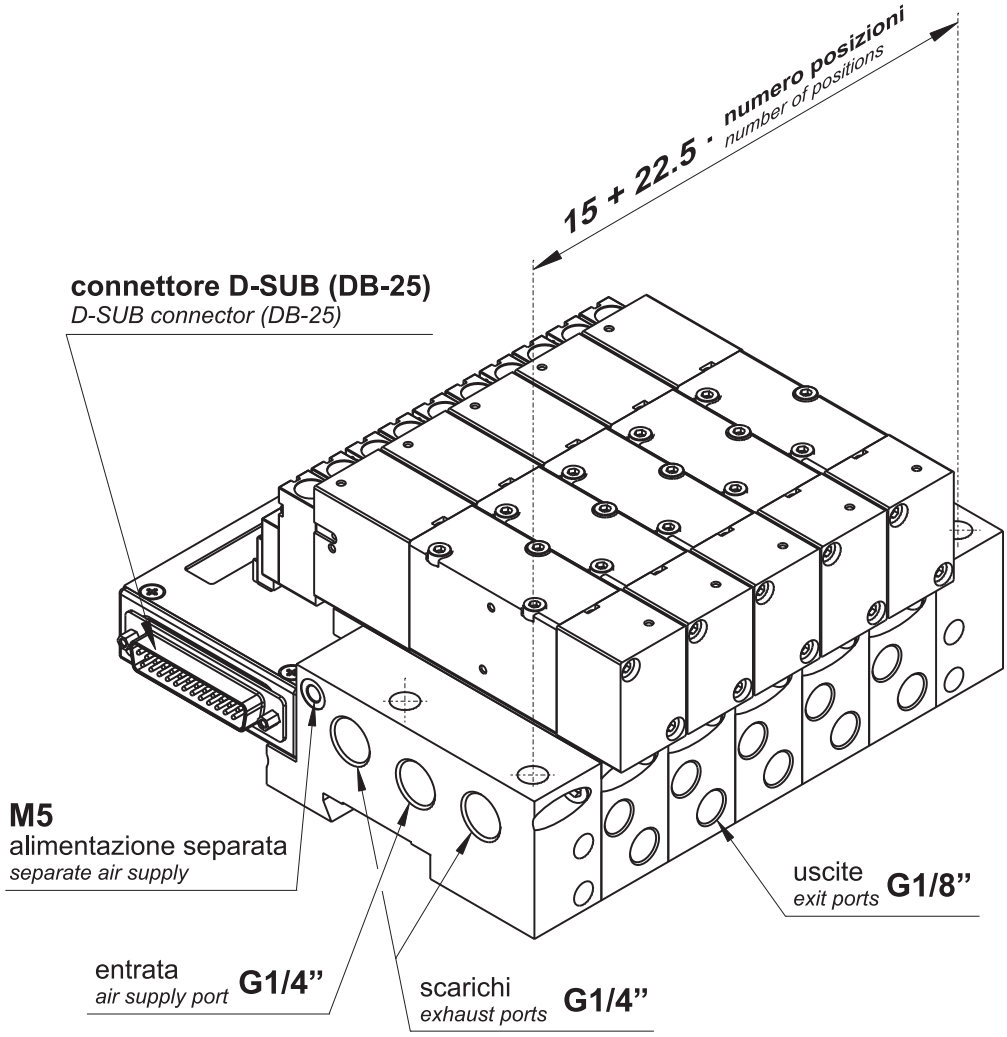
CODICE DI ORDINAZIONE - *ORDER CODE*

07.011.2 per batterie di valvole 1/8" - *for 1/8" manifolds*

fissaggio delle sottobasi dalla parte superiore

manifold mounting from the top side

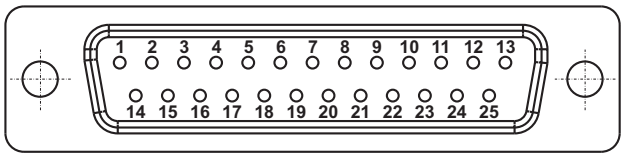
basi modulari
multiple sub-bases



La base può essere fissata anche su barra omega.
The manifold can be mounted on omega-profile too.

---

connettore D-SUB (DB-25)
connector D-SUB (DB-25)



1-24 segnali per elettropiloti
signals for solenoid valves

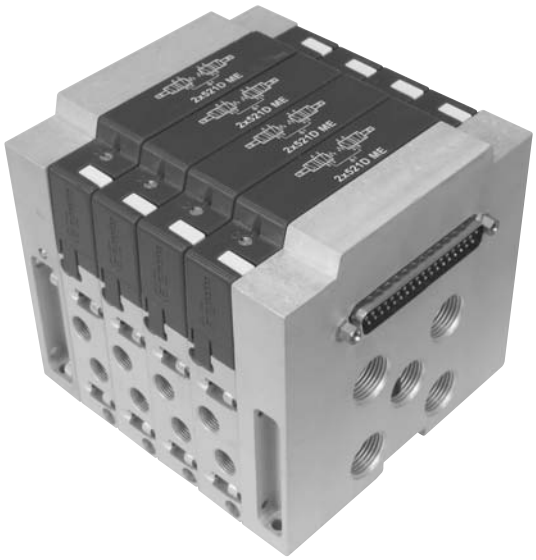
25 comune (–)
common (–)

multiconnessione Dynamax G1/8"

G1/8" Dynamax multiconnection

DYNAMAX

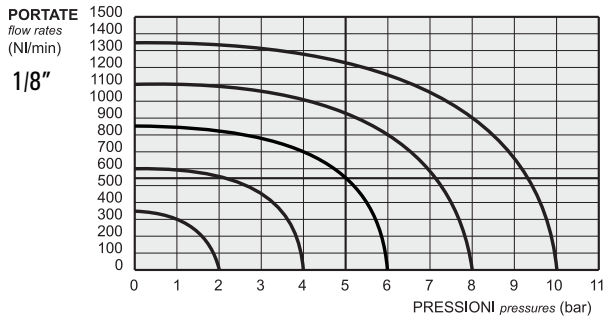
- Valvole a spola 5/2-5/3 con attacchi filettati G1/8"
  5/2-5/3 spool valves with G1/8" threaded ports
- Comandi elettrici con azionamento manuale
  Solenoid pilots with manual override
- Tensione 24V DC; potenza di ogni elettropilota: 1W
  Tension 24V DC; power of each solenoid: 1W
- Protezione elettrica IP 54 con idoneo connettore montato
  Electrical protection IP 54 with suitable connector installed
- Spessore di ogni elemento modulare: 19 mm
  Thickness of each modular element: 19 mm
- Massimo 18 valvole bistabili o 36 monostabili con connettore master 37 pin
  Maximum 18 bi-stable valves or 36 mono-stable valves using 37-pin master socket
- Diagnostica integrata
  Integrated diagnostics

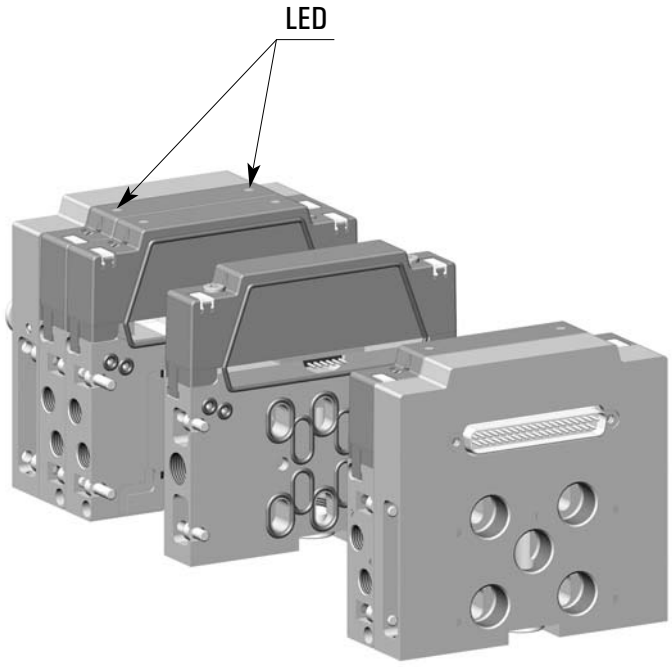


Materiali
Corpo: alluminio 11S
Copertura: tecnopolimero
Molle: INOX
Guarnizioni: NBR
Spola: alluminio nichelato
Parti interne: ottone OT58

Materials
Body: aluminium 11S
Cover: technopolymer (*)
Springs: stainless steel
Seals: NBR
Spool: nickel plated aluminium
Internal parts: brass OT58

(*) Le parti in tecnopolimero recano impresso il logo
(*) The parts in technopolymer are marked with the logo



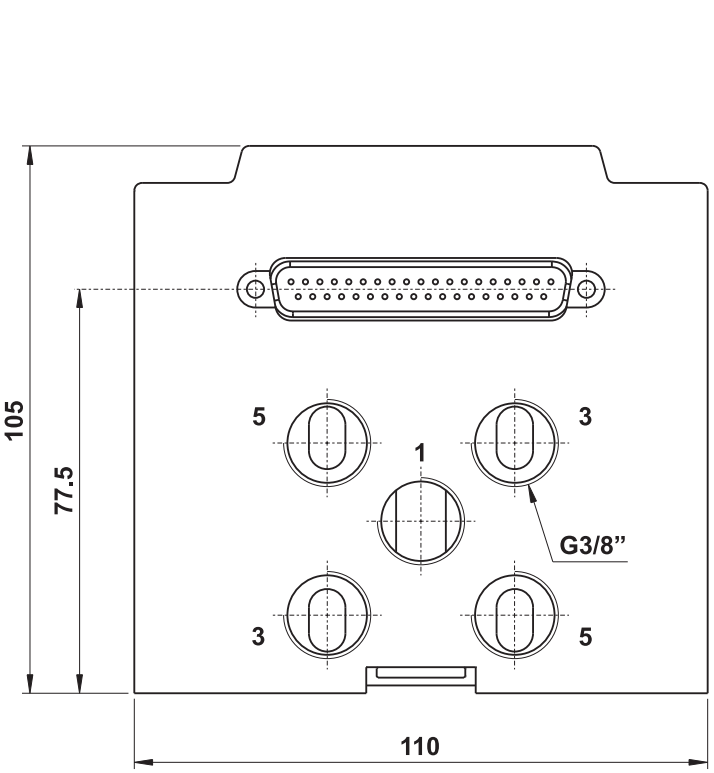


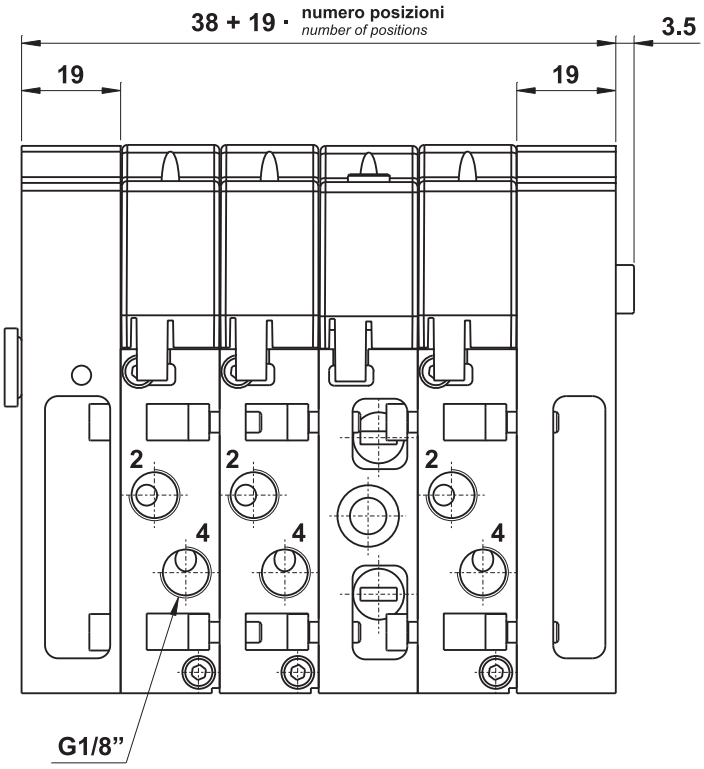
Diametro nominale *Nominal orifice*	1/8": 5 mm		
Temperatura di esercizio *Temperature range*	-5 ... +60°C		
	al. interna monost. *[monost. internal air supply]*	al. interna bist. *[bi-stable internal air supply]*	alim. separata *[separate air supply]*
Pressione di esercizio *Working pressure*	2.5 ... 8 bar 0.25 ... 0.8 MPa	1 ... 8 bar 0.1 ... 0.8 MPa	-0.9 ... 10 bar -0.09 ... 1 MPa
		monostabile *[mono-stable]*	bistabile *[bi-stable]*
Pressione di azionamento (per alimentazione separata) *Actuating pressure (for separate air supply)*		2.5 ... 8 bar 0.25 ... 0.8 MPa	1 ... 8 bar 0.1 ... 0.8 MPa
Fluido *Fluid*	Aria filtrata 30μ con o senza lubrificazione *30μ filtered, lubricated or non lubricated air*		

multiconnessione Dynamax G1/8”

G1/8” Dynamax multiconnection

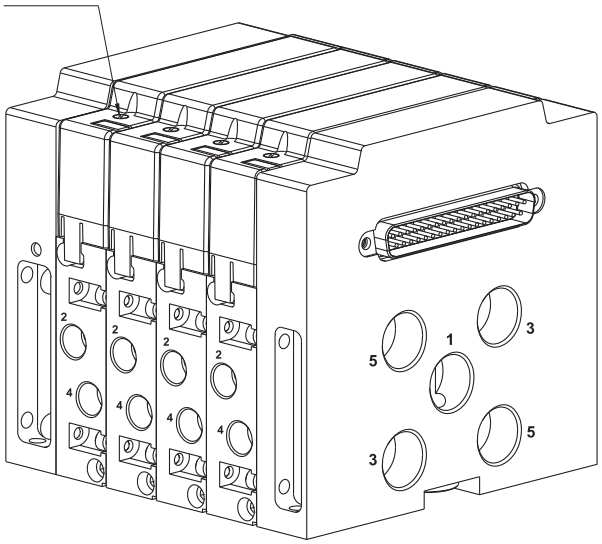
DYNAMAX

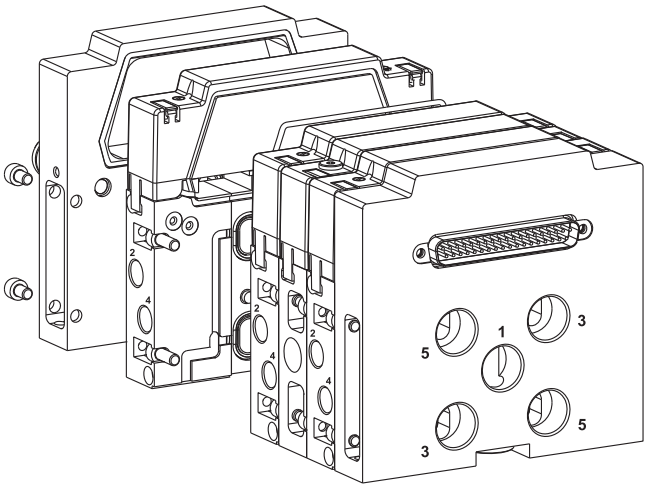




Azionamento manuale a doppia funzione: bistabile e monostabile

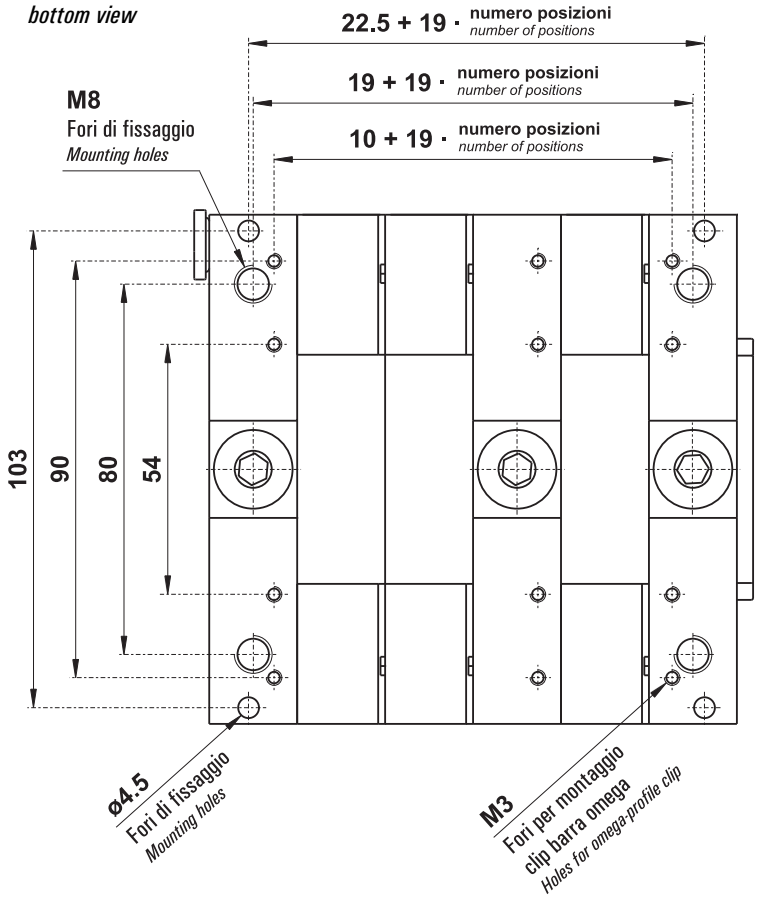
Manual override with double function: detented and non-detented





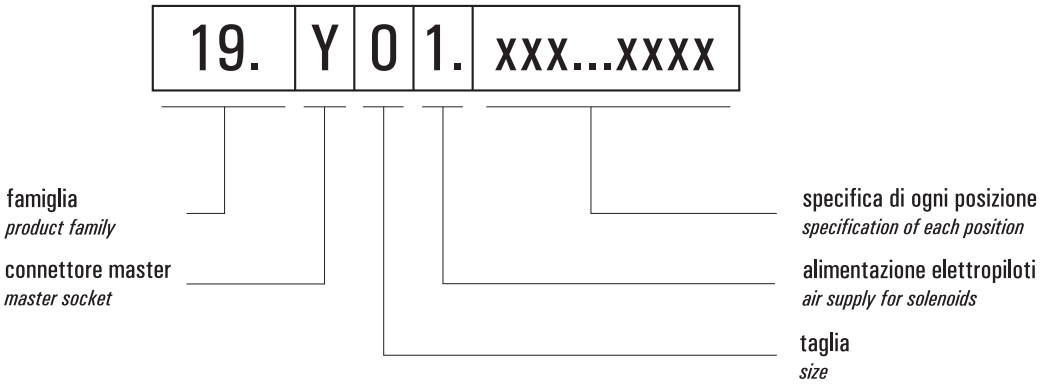
vista dal basso

bottom view



chiave di codifica

key to codes



Famiglia *[product family]*

19 multiconnessione Dynamax *[Dynamax multiconnection]*

Tipo di connettore elettrico master *[type of master socket]*

X master 25 pin

Y master 37 pin

Taglia *[size]*

0 G1/8"

Alimentazione elettropiloti *[air supply for solenoids]*

1 alimentazione interna *[internal air supply]*

2 alimentazione separata *[separate air supply]*

Specifica di ogni posizione *[specification of each position]*

RISPETTARE MAIUSCOLE E MINUSCOLE
CASE SENSITIVE

G1/8"

z 2x521D ME

c 521D EE

h 521D3C EE

j 521D3A EE

k 521D3P EE

y Intermedio RPS *[RPS intermediate header]*

w Intermedio RPPS *[RPPS intermediate header]*

Le valvole, le parti elettroniche e tutti i relativi accessori sono compresi e premontati nella multiconnessione ordinata secondo la presente chiave di codifica, non è pertanto necessario ordinarli separatamente.

Valves, electronic parts and all accessories are included and preassembled in the multiconnection manifold ordered according to these codes. It is not necessary to order them separately.

Caratteristiche generali

La multiconnessione Dynamax è una soluzione molto compatta, caratterizzata dallo spessore della singola valvola modulare di 19 mm. Il corpo è realizzato interamente in alluminio, e le parti interne di ogni singola valvola sono gli stessi affidabili componenti che negli anni sono stati la base della fiducia dei clienti nella "classica" serie 521.
La modularità è molto dinamica, e permette di modificare la configurazione della multiconnessione, anche in fase di manutenzione o riparazione, sostituendo facilmente uno o più singoli elementi.
La multiconnessione è disponibile con connettore master da 25 o 37 pin e non necessita di alimentazione elettrica esterna. La tensione di 24V DC che alimenta l'elettronica del sistema è fornita direttamente dal segnale di connessione.
In modo semplice e rapido è possibile cambiare l'alimentazione delle elettrovalvole da alimentazione interna a alimentazione separata e viceversa.
La multiconnessione è dotata di quattro fori passanti di scarico G3/8" sia sulla base di ingresso sia sul terminale posteriore. Eventuali scarichi non utilizzati devono essere opportunamente tappati.
La multiconnessione Dynamax può essere montata su barra a profilo omega (Ω) mediante una clip da acquistarsi separatamente.
Ogni valvola modulare è dotata di LED di segnalazione di stato e diagnostica.
Il connettore elettrico master da 25 pin consente di comandare fino a 24 valvole 5/2 monostabili (ossia 12 elementi modulari recanti una doppia valvola monostabile ciascuno) o 12 valvole bistabili.
Il connettore elettrico master da 37 pin consente di comandare fino a 36 valvole 5/2 monostabili (ossia 18 elementi modulari recanti una doppia valvola monostabile ciascuno) o 18 valvole bistabili.

Gli indicatori LED collocati sulla parte superiore di ogni elemento modulare segnalano la commutazione delle elettrovalvole.

Essi evidenziano anche eventuali errori e guasti. Le segnalazioni degli indicatori LED vanno interpretate come segue:
- 2 lampeggi: canale di azionamento guasto (non viene rilevato consumo di corrente durante l'azionamento);
- 3 lampeggi: mancata commutazione seriale interna tra master e slave (lampeggiano ambedue i LED di un elemento modulare);
- 4 lampeggi: mancato indirizzamento di scheda (lampeggiano ambedue i LED di un elemento modulare);
- 5 lampeggi: canale di azionamento guasto (viene rilevato consumo di corrente anche con l'elettrovalvola a riposo).

Valve operation

The Dynamax multiconnection manifold is a very compact solution. The thickness of each modular element is 19 mm only. The valve body is made entirely of aluminum, and the internal parts of the valves are the same reliable components that over the years have been the basis of customers trust in the "classic" series 521.
The modularity is very dynamic and allows to modify the configuration of the multiconnection, even during maintenance or repair, easily replacing one or more individual elements.
The Dynamax multiconnection is available with 25 or 37-pin master socket and does not require external power supply. The 24V DC voltage, needed for the electronics, is supplied directly from the connection signal.
The air supply of the solenoid valves can be switched in a simple and quick way. Direct air supply or separate air supply.
The manifold has four exhaust G3/8" ports both on the inlet plate and on the rear end plate. Any unused exhaust ports should be properly closed by plugs.
The Dynamax manifold can be mounted on omega (Ω) *profile with a clip which is purchased separately.*
Each modular valve is equipped with status and diagnostic LEDs.
The 25-pin master socket allows to control up to 24 mono-stable 5/2 valves (or 12 modular elements carrying a double mono-stable valve each) or 12 bi-stable valves.
The 37-pin master socket allows to control up to 36 mono-stable 5/2 valves (or 18 modular elements carrying a double mono-stable valve each) or 18 bi-stable valves.

The LEDs placed on the top of each modular element indicate the switching of the solenoid valves.

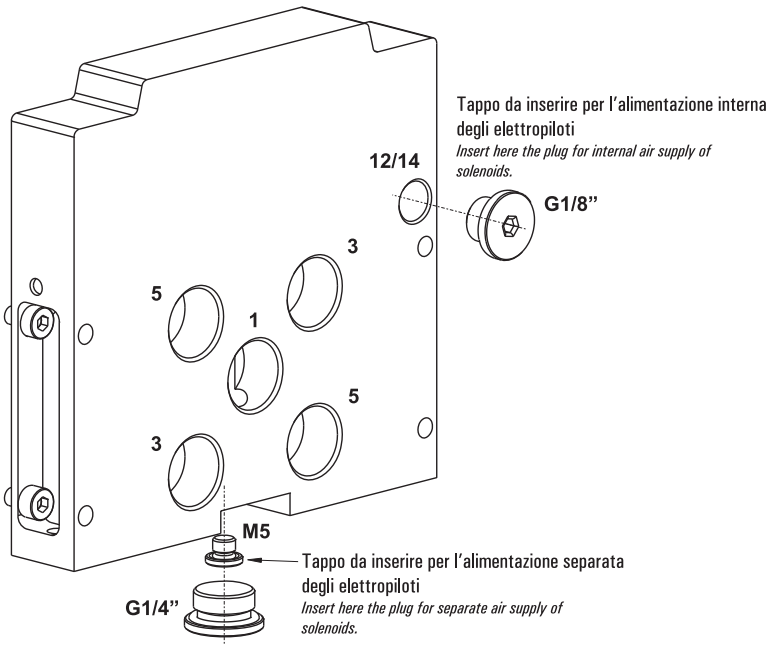
They also point out any errors and faults. The flashes of the LEDs must be interpreted as follows:
- 2 flashes: malfunctioning drive channel (no power consumption is detected during operation);
- 3 flashes: internal serial switching failure between master and slave (both LEDs of a modular element flash);
- 4 flashes: no addressing of the card (both LEDs of a modular element flash);
- 5 flashes: faulty drive channel (power consumption is detected with the solenoid valve at rest).

CAMBIO ALIMENTAZIONE ELETTROPILOTI

Change of air supply of solenoid valves

Inserendo il tappo G1/8" nella connessione indicata con "12/14" e togliendo il tappo M5 della connessione inferiore, l'alimentazione degli elettropiloti è interna. Inserendo il tappo M5 nella connessione inferiore e aprendo la connessione "12/14", l'alimentazione degli elettropiloti è separata e può essere differente dalla pressione generale di alimentazione. Attenzione: il tappo G1/4" della connessione inferiore deve sempre essere inserito.

If the G1/8" plug is inserted into the port marked with "12/14" and the M5 plug is removed from the bottom port, the air supply of the solenoid valves is internal. If the M5 plug is inserted into the bottom port and the port "12/14" is open, the air supply of the solenoid valves is separate and can be different from the main air supply of the manifold. Attention: the G1/4" plug in the bottom port must always be inserted.

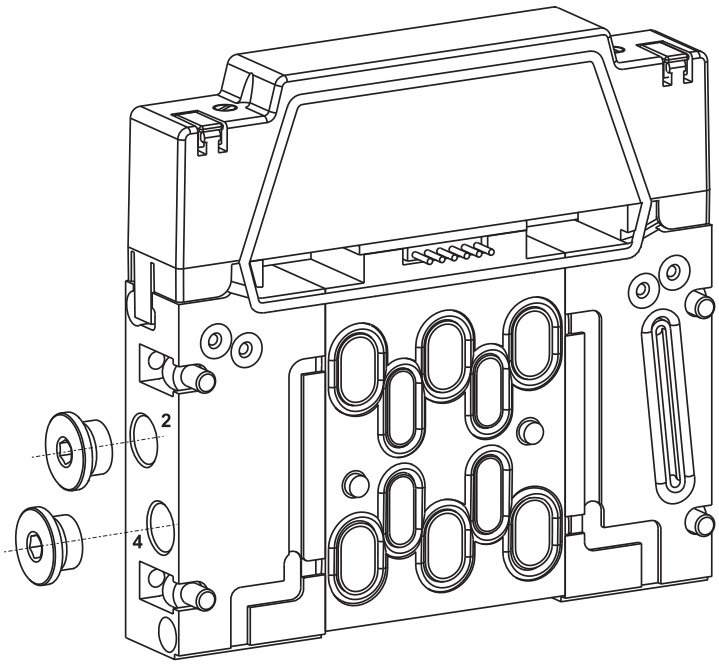


CAMBIO FUNZIONE DELLA VALVOLA da 5/2 a 3/2

Change of valve function from 5/2 to 3/2

Nel caso di un elemento modulare con valvola 5/2, inserendo il tappo nell'uscita indicata con "2" la valvola diventa 3/2 normalmente chiusa; inserendo il tappo nell'uscita indicata con "4" la valvola diventa 3/2 normalmente aperta.

In a modular element with 5/2 valve, if the plug is inserted into the exit port marked with "2", the valve becomes a normally closed 3/2 valve; if the plug is inserted into the exit port marked with "4", the valve becomes a normally open 3/2 valve.

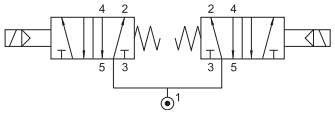


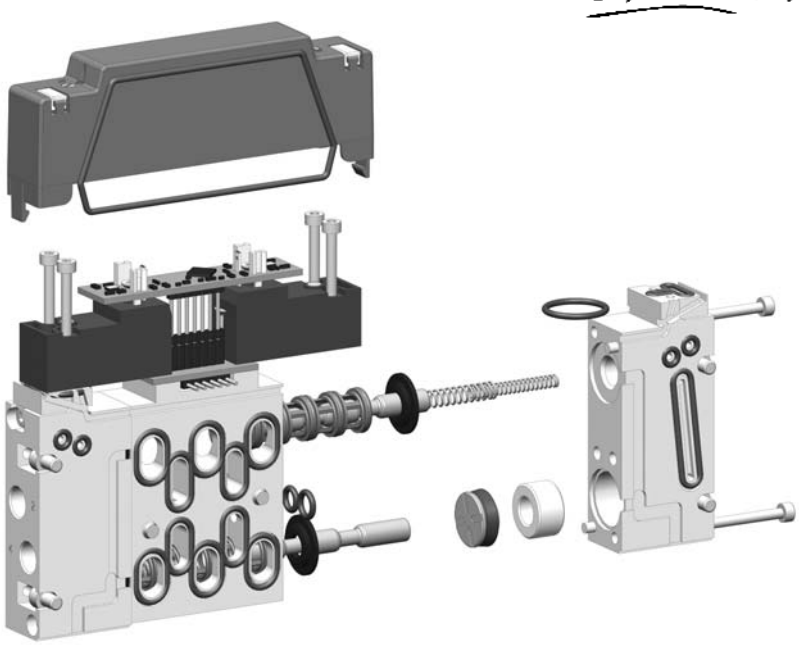
DYNAMAX

2x521D ME

doppia 5/2 1/8” comando elettrico - ritorno a molla

double 5/2 1/8” solenoid pilot - spring return



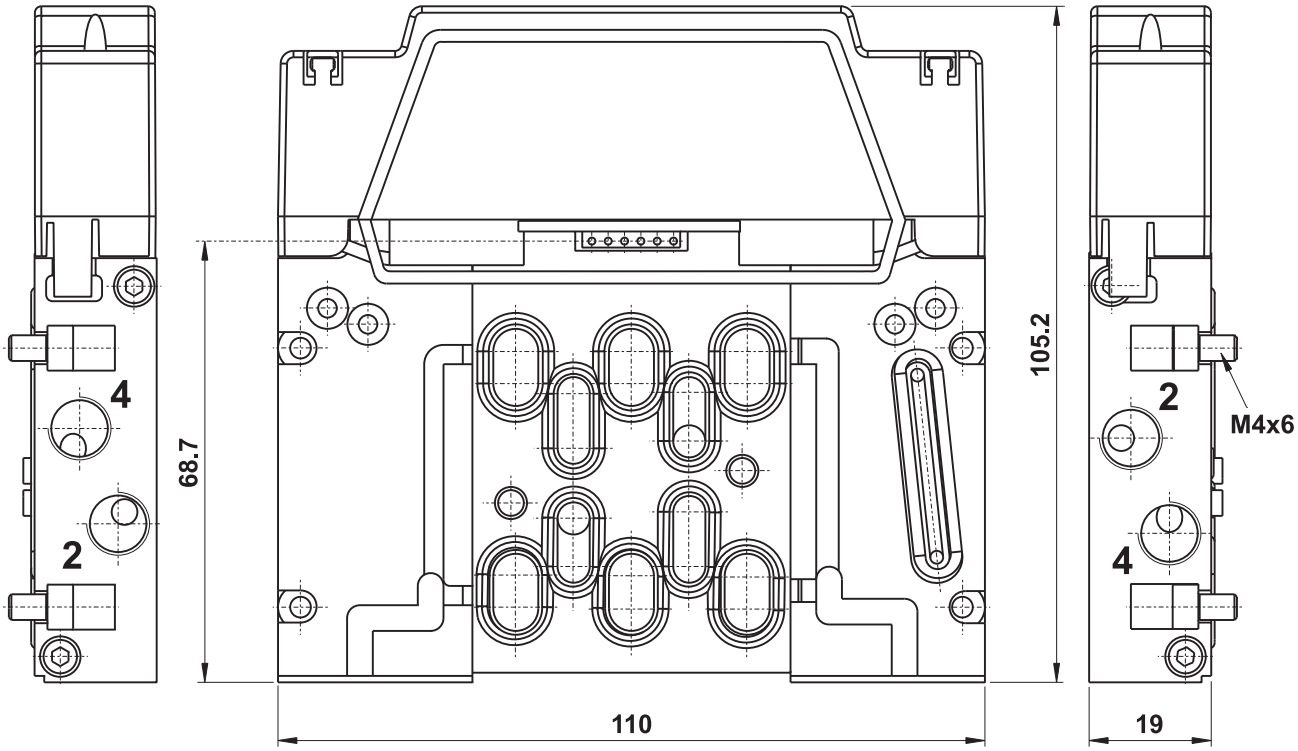


Nel caso di una valvola modulare doppia 5/2 monostabile, le uscite sono da entrambi i lati.

Inserendo un tappo nell’uscita indicata con “2”, la valvola diventa 3/2 normalmente chiusa; inserendo un tappo nell’uscita indicata con “4” la valvola diventa 3/2 normalmente aperta.

If a modular valve element is used as double 5/2 mono-stable valve, the exit ports are on both sides.

If a plug is inserted into the exit port marked with “2”, the valve becomes a normally closed 3/2 valve; if a plug is inserted into the exit port marked with “4”, the valve becomes a normally open 3/2 valve.

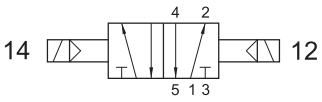


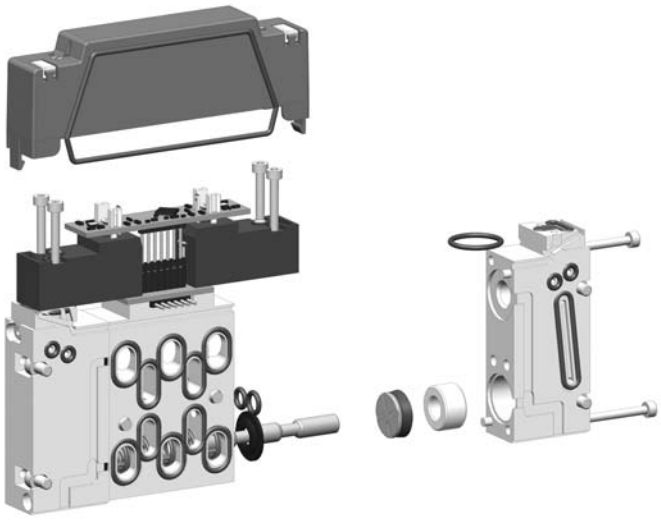
DYNAMAX

521D EE

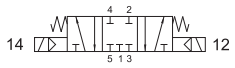
5/2 1/8" doppio comando elettrico

5/2 1/8" double solenoid pilot

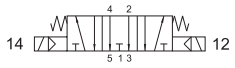




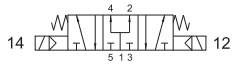
521D3C EE centri chiusi *closed centres*



521D3A EE centri aperti *open centres*



521D3P EE centri in pressione *pressurized centres*

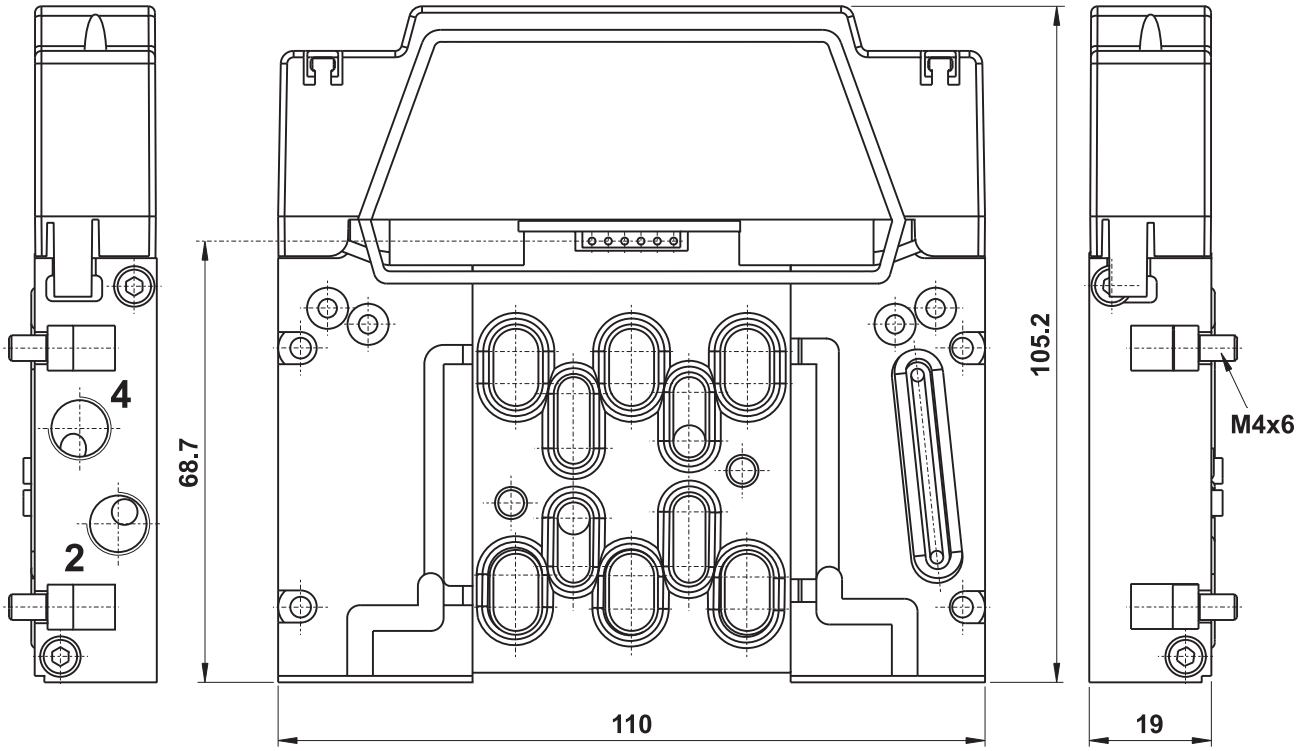


5/3 1/8" doppio comando elettrico

5/3 1/8" double solenoid pilot

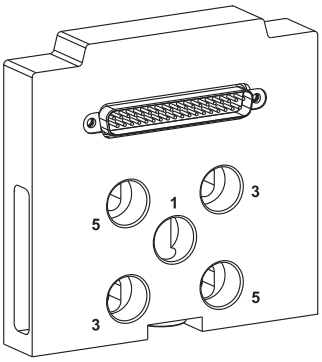
Nel caso di una valvola modulare 5/2 bistabile o 5/3, le uscite 2 e 4 sono collocate soltanto sul lato destro della batteria di valvole guardando il connettore master.

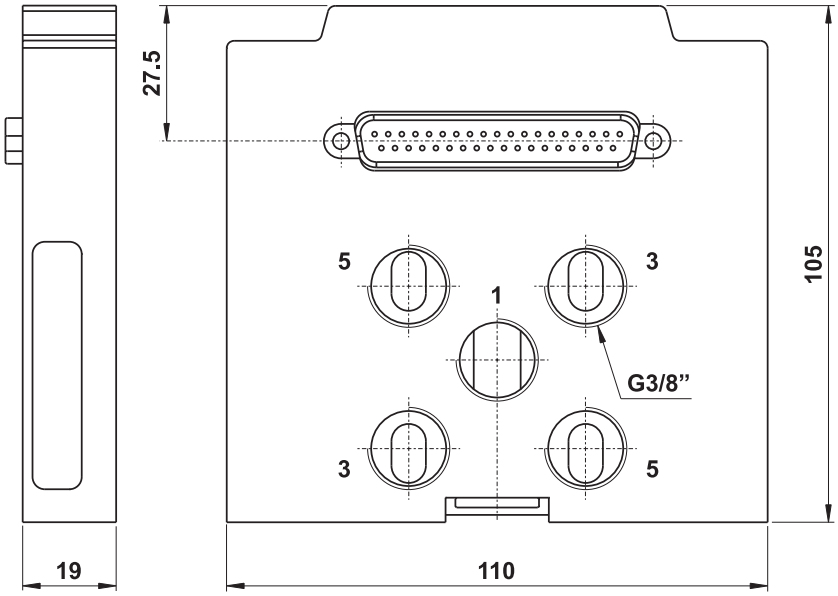
If a modular valve element is used as 5/2 bi-stable or 5/3 valve, the exit ports 2 and 4 are only on the right side of the manifold block, when looking at the master socket.



DYNAMAX

base di ingresso
inlet plate





Disponibile nella versione con connettore a 25 o 37 pin.
Available with 25 or 37-pin socket.

CODICI DI ORDINAZIONE
ORDER CODES

19.006.3 base di ingresso con connettore master 25 pin
inlet plate with 25-pin master socket

19.007.3 base di ingresso con connettore master 37 pin
inlet plate with 37-pin master socket

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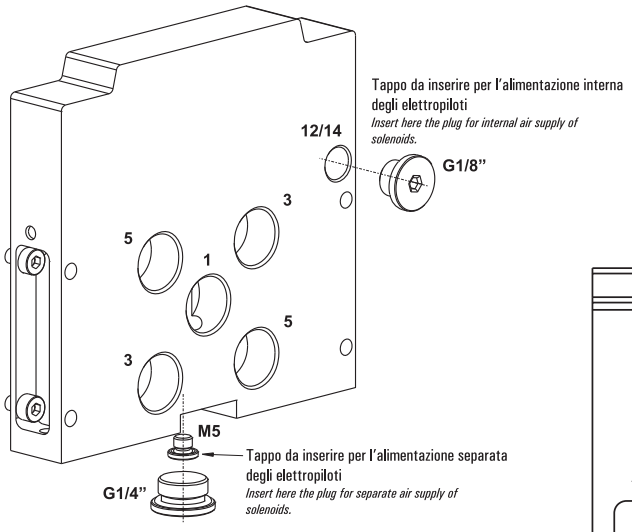
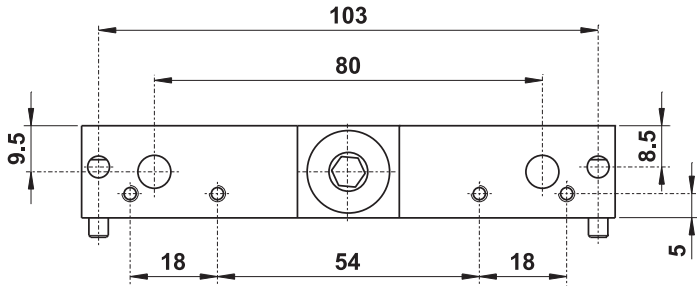
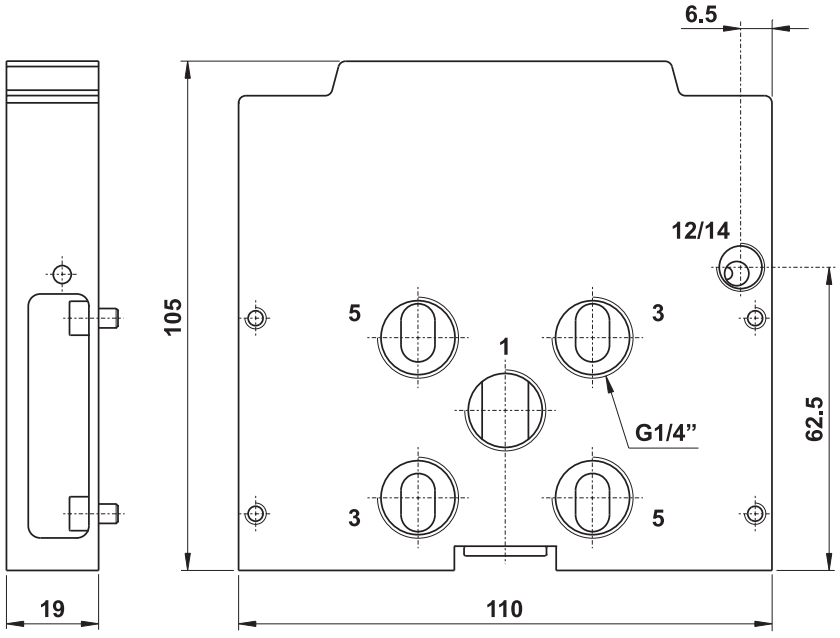
terminale posteriore
rear end plate







Cambiando la posizione dei tappi, forniti in kit, è possibile trasformare l’alimentazione delle elettrovalvole da alimentazione interna a alimentazione separata e viceversa.
Change the position of the plugs, supplied in kit, to switch the air supply of the solenoid valves. Direct air supply or separate air supply.

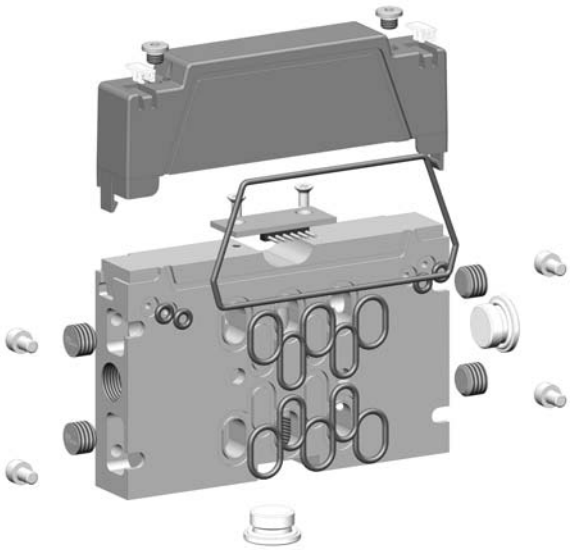
CODICE DI ORDINAZIONE
ORDER CODE

19.008.3 terminale posteriore
rear end plate

DYNAMAX

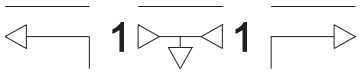
intermedio
intermediate header

L'intermedio è utilizzabile per dividere una batteria di valvole in due parti e immettere l'aria per l'alimentazione di una delle due parti attraverso le connessioni di cui è dotato, e/o per dividere in due parti gli scarichi convogliati. È venduto con i pezzi necessari al suo assemblaggio.
L'utilizzo dell'intermedio non fa perdere posizioni per quanto riguarda l'elettronica. Il numero di elettrovalvole azionabili rimane invariato.
È dotato di due ingressi per alimentare una parte della batteria di valvole a pressione diversa o con vuoto.
Gli scarichi sono protetti con silenziatori.
An intermediate header with separate air supply can be installed in a manifold system which requires mixed operating pressures. It can be used also to divide the common exhausts. It is sold with all necessary components for installation.
The use of intermediate header does not let to loss of positions in the electronic connection. The number of solenoid valves which can be actuated does not change.
It has two ports to supply air at a different pressure or vacuum into a part of the manifold system.
The exhaust ports are protected by silencers.



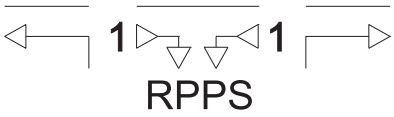
CODICE DI ORDINAZIONE - *ORDER CODE*

19.010.3 intermedio RPS - *RPS intermediate header*
Per alimentare contemporaneamente entrambe le valvole a spola
To supply air to both spool valves at the same time

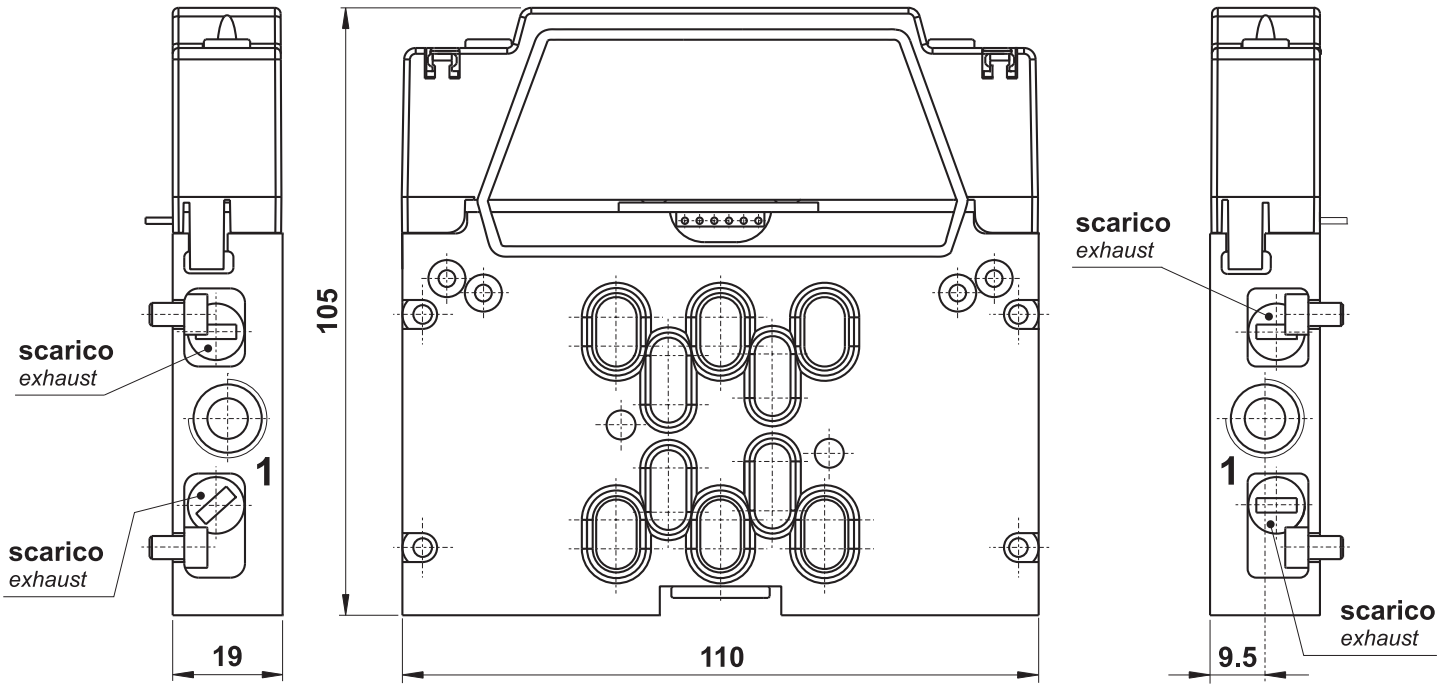


1 = G1/4"

19.011.3 intermedio RPPS - *RPPS intermediate header*
La connessione di destra (guardando il connettore master) alimenta la valvola a spola superiore, la connessione di sinistra alimenta la valvola a spola inferiore. Le pressioni possono essere diverse.
The right (when looking at the master socket) connection port supplies air to the upper spool valve, the left connection port supplies air to the lower spool valve. The pressures can be different.



1 = G1/8"

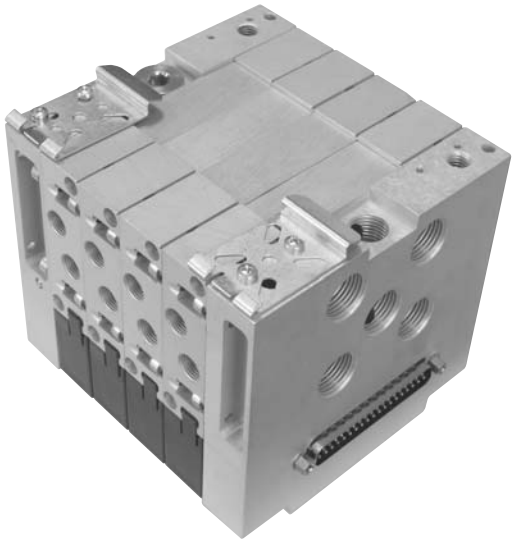


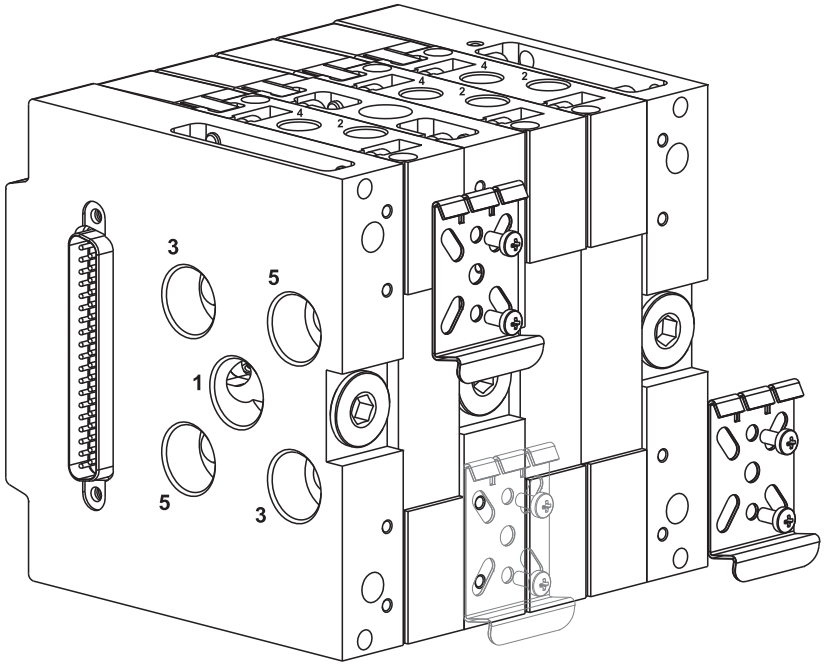
INSTALLAZIONE SU BARRA OMEGA

Installation on omega-profile

Può essere utilizzata la clip **08.048.2** per installare la batteria di valvole Dynamax su una barra a profilo Ω (omega).
La clip può essere fissata in qualsiasi posizione sul retro della batteria di valvole.

*The clip **08.048.2** can be used to install the Dynamax manifold on a profile Ω (omega).*
The clip can be mounted in any position on the back of the Dynamax manifold.





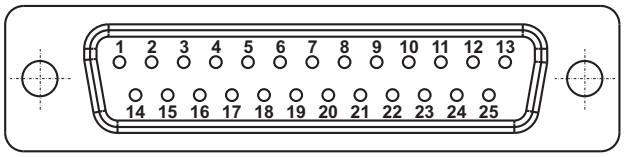
multiconnessione Dynamax G1/8"

G1/8" Dynamax multiconnection

DYNAMAX

connettore D-SUB (DB-25)

connector D-SUB (DB-25)

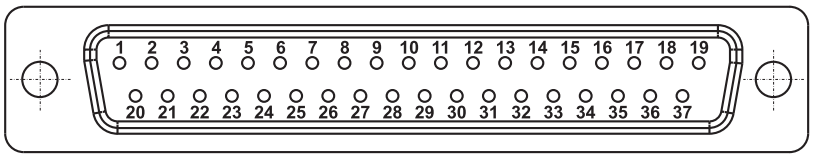


1-24 segnali per elettropiloti
signals for solenoid valves

25 comune (–)
common (–)

connettore D-SUB (DB-37)

connector D-SUB (DB-37)



1-36 segnali per elettropiloti
signals for solenoid valves

37 comune (–)
common (–)

ACCESSORI - *ACCESSORIES*

07.125.0 Cavo con connettore vaschetta D-SUB 25 pin con custodia IP40 e viti, lunghezza 3 metri
Cable with connector D-SUB 25, with protection IP40 and screws, length 3 metres

07.126.0 Cavo con connettore vaschetta D-SUB 25 pin con custodia IP40 e viti, lunghezza 5 metri
Cable with connector D-SUB 25, with protection IP40 and screws, length 5 metres

07.127.0 Cavo con connettore vaschetta D-SUB 25 pin con custodia IP40 e viti, lunghezza 10 metri
Cable with connector D-SUB 25, with protection IP40 and screws, length 10 metres

19.030.0 Cavo con connettore vaschetta D-SUB 37 pin con custodia IP40 e viti, lunghezza 3 metri
Cable with connector D-SUB 37, with protection IP40 and screws, length 3 metres

19.031.0 Cavo con connettore vaschetta D-SUB 37 pin con custodia IP40 e viti, lunghezza 5 metri
Cable with connector D-SUB 37, with protection IP40 and screws, length 5 metres

19.032.0 Cavo con connettore vaschetta D-SUB 37 pin con custodia IP40 e viti, lunghezza 10 metri
Cable with connector D-SUB 37, with protection IP40 and screws, length 10 metres

07.145.0 Cavo con connettore vaschetta D-SUB 25 pin con custodia IP67 e viti, lunghezza 3 metri
Cable with connector D-SUB 25, with protection IP67 and screws, length 3 metres

07.146.0 Cavo con connettore vaschetta D-SUB 25 pin con custodia IP67 e viti, lunghezza 5 metri
Cable with connector D-SUB 25, with protection IP67 and screws, length 5 metres

07.147.0 Cavo con connettore vaschetta D-SUB 25 pin con custodia IP67 e viti, lunghezza 10 metri
Cable with connector D-SUB 25, with protection IP67 and screws, length 10 metres

19.023.0 Cavo con connettore vaschetta D-SUB 37 pin con custodia IP67 e viti, lunghezza 3 metri
Cable with connector D-SUB 37, with protection IP67 and screws, length 3 metres

19.024.0 Cavo con connettore vaschetta D-SUB 37 pin con custodia IP67 e viti, lunghezza 5 metri
Cable with connector D-SUB 37, with protection IP67 and screws, length 5 metres

19.025.0 Cavo con connettore vaschetta D-SUB 37 pin con custodia IP67 e viti, lunghezza 10 metri
Cable with connector D-SUB 37, with protection IP67 and screws, length 10 metres

elaboratore di segnale

signal elaborator

Modalità di funzionamento

Costituisce l'elemento centrale del dispositivo di comando a due mani che genera un segnale in uscita come conseguenza di due segnali in ingresso. È utilizzabile per il comando di valvole di potenza connesse a macchine che presentano un elevato rischio di infortunio alle mani. Impone all'operatore di utilizzare entrambe le mani per inviare l'impulso alla valvola di potenza, evitando in questo modo che esse vengano accidentalmente a trovarsi nell'area dei meccanismi in movimento. Deve essere inserito in un dispositivo di comando a due mani che rispetti i requisiti di sicurezza della norma EN574:1996 +A1:2008.

L'impulso di comando viene generato dall'elaboratore di segnale solo in presenza di due segnali di azionamento contemporanei provenienti da microvalvole a tre vie NC da collegare ai due attacchi indicati con **1**. L'intervallo Δt tra questi due segnali, comunque inferiore a 0.5 secondi, varia a seconda della pressione di alimentazione e può essere determinato facendo riferimento al grafico "risposta tempo-pressione" riportato in questa pagina.

L'elaboratore di segnale è dotato di un dispositivo antiripetitivo che garantisce la generazione di un solo impulso in presenza dei due segnali contemporanei. Affinché l'elaboratore possa generare un successivo impulso è necessario far cessare entrambi i segnali e procedere a un nuovo azionamento.

L'elaboratore di segnale garantisce un'alta affidabilità ed è venduto con il certificato CE (conformità alla Direttiva Macchine 2006/42/CE e alla norma UNI EN 574-1:2008 e EN 574:1996 + A1:2008 tipo III A).

Valve operation

This valve is used to pilot high-flow directional control valves connected to machines which have a high risk of injuries to the hands.

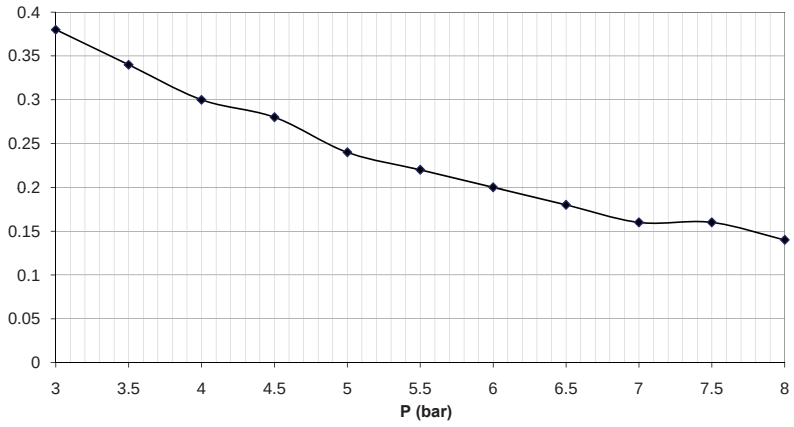
The machine operator must simultaneously operate, in a safe area, two three-way manual valves for correct operation. The safety valve will ignore a single depression of one of the manual valves. To repeat the cycle both pilot signals must be exhausted and the manual valves simultaneously actuated again.

The signal elaborator is sold with CE-certification (compliant to Machinery Directive 2006/42/EC and to Norm UNI EN 574-1:2008 and EN 574:1996 + A1:2008 type III A).

CODICE DI ORDINAZIONE
ORDER CODE

08.156.4

RISPOSTA TEMPO-PRESSIONE
reaction time related to pressure



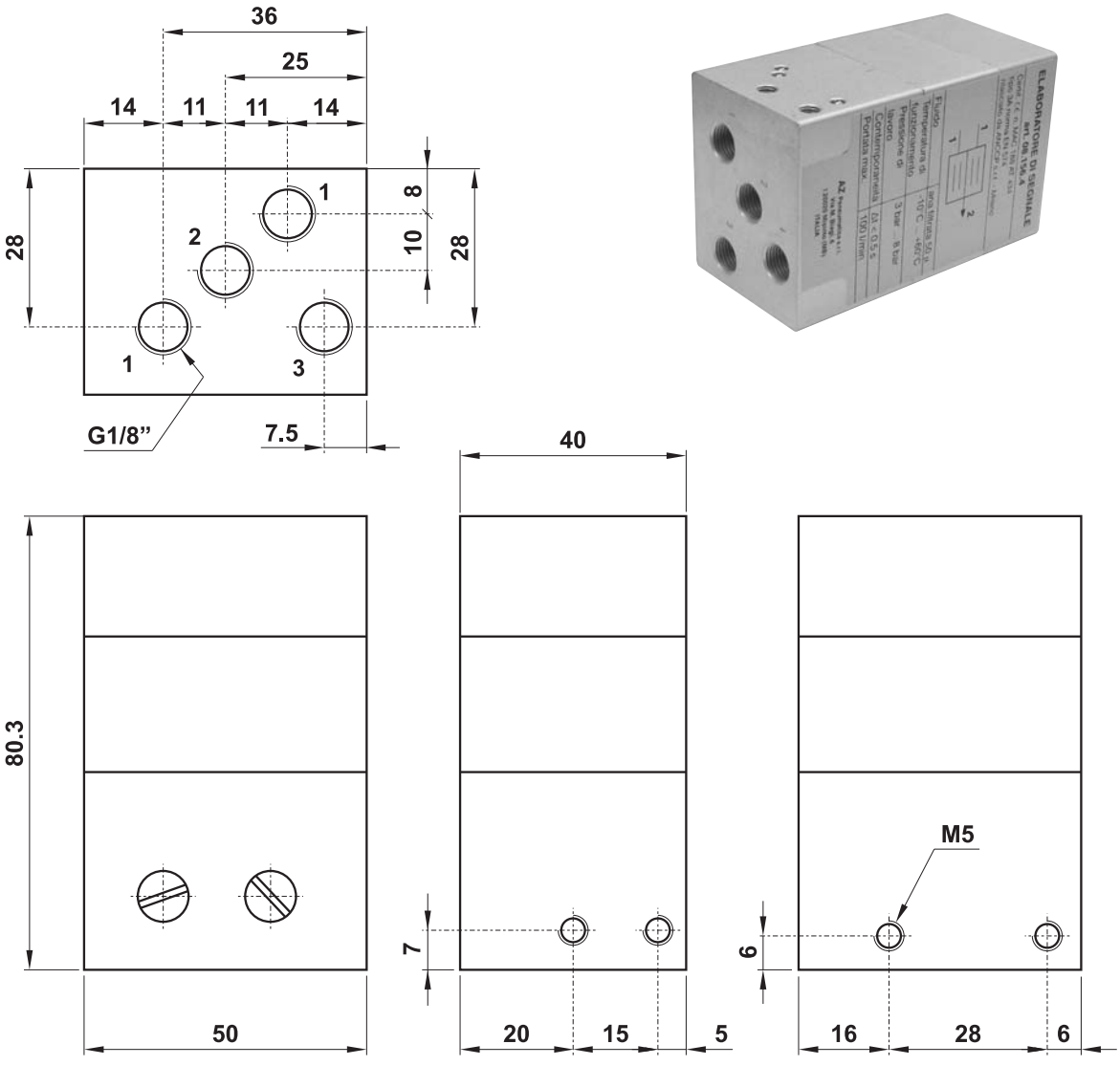
Portata massima *Maximum flow rate*	100 Nl/min
Attacchi *Ports*	G1/8"
Pressione di esercizio *Working pressure*	3 ... 8 bar 0.3 ... 0.8 MPa
Intervallo di tempo tra i due segnali di comando *Delay between two actuating signals*	$\Delta t < 0.5$ s
Temperatura di esercizio *Temperature range*	-10°C ... +60°C
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

Materiali
Corpo: alluminio 11S
Molle: INOX
Guarnizioni: NBR
Parti interne: ottone OT58

Materials
Body: aluminium 11S
Springs: stainless steel
Seals: NBR
Internal parts: brass OT58

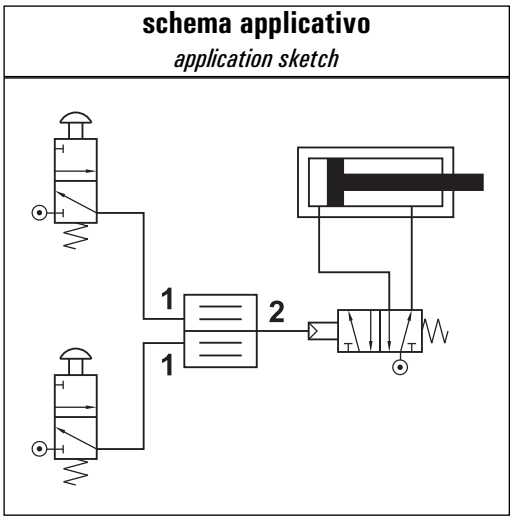
elaboratore di segnale

signal elaborator



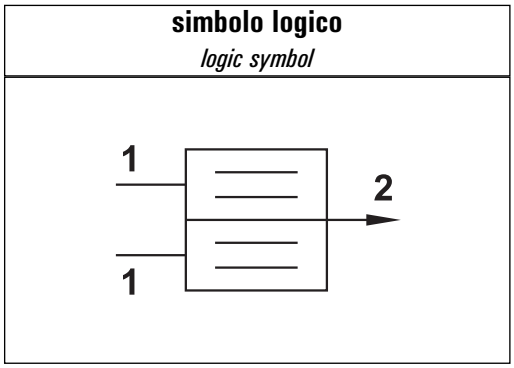
schema applicativo

application sketch



simbolo logico

logic symbol



mini elaboratore di segnale

mini signal elaborator

Modalità di funzionamento

Costituisce l'elemento centrale del dispositivo di comando a due mani che genera un segnale in uscita come conseguenza di due segnali in ingresso. È utilizzabile per il comando di valvole di potenza connesse a macchine che presentano un elevato rischio di infortunio alle mani. Impone all'operatore di utilizzare entrambe le mani per inviare l'impulso alla valvola di potenza, evitando in questo modo che esse vengano accidentalmente a trovarsi nell'area dei meccanismi in movimento. Deve essere inserito in un dispositivo di comando a due mani che rispetti i requisiti di sicurezza della norma EN574:1996 +A1:2008.

L'impulso di comando viene generato dal mini elaboratore di segnale solo in presenza di due segnali di azionamento contemporanei provenienti da microvalvole a tre vie NC da collegare ai due attacchi indicati con **1**. L'intervallo Δt tra questi due segnali, comunque inferiore a 0.5 secondi, varia a seconda della pressione di alimentazione e può essere determinato facendo riferimento al grafico "risposta tempo-pressione" riportato in questa pagina.

Il mini elaboratore di segnale è dotato di un dispositivo antiripetitivo che garantisce la generazione di un solo impulso in presenza dei due segnali contemporanei. Affinché il mini elaboratore possa generare un successivo impulso è necessario far cessare entrambi i segnali e procedere a un nuovo azionamento.

Il mini elaboratore di segnale garantisce un'alta affidabilità ed è venduto con il certificato CE (conformità alla Direttiva Macchine 2006/42/CE e alla norma UNI EN 574-1:2008 e EN 574:1996 + A1:2008 tipo III A).

Valve operation

This valve is used to pilot high-flow directional control valves connected to machines which have a high risk of injuries to the hands.

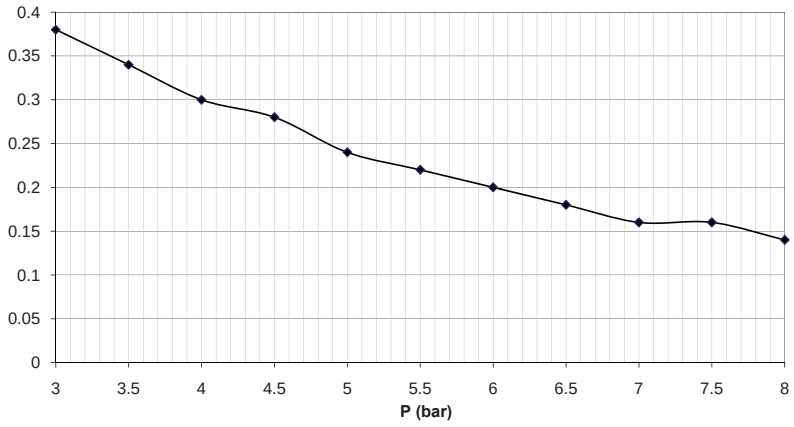
The machine operator must simultaneously operate, in a safe area, two three-way manual valves for correct operation. The safety valve will ignore a single depression of one of the manual valves. To repeat the cycle both pilot signals must be exhausted and the manual valves simultaneously actuated again.

The signal elaborator is sold with CE-certification (compliant to Machinery Directive 2006/42/EC and to Norm UNI EN 574-1:2008 and EN 574:1996 + A1:2008 type III A).

CODICE DI ORDINAZIONE
ORDER CODE

08.337.4

RISPOSTA TEMPO-PRESSIONE
reaction time related to pressure



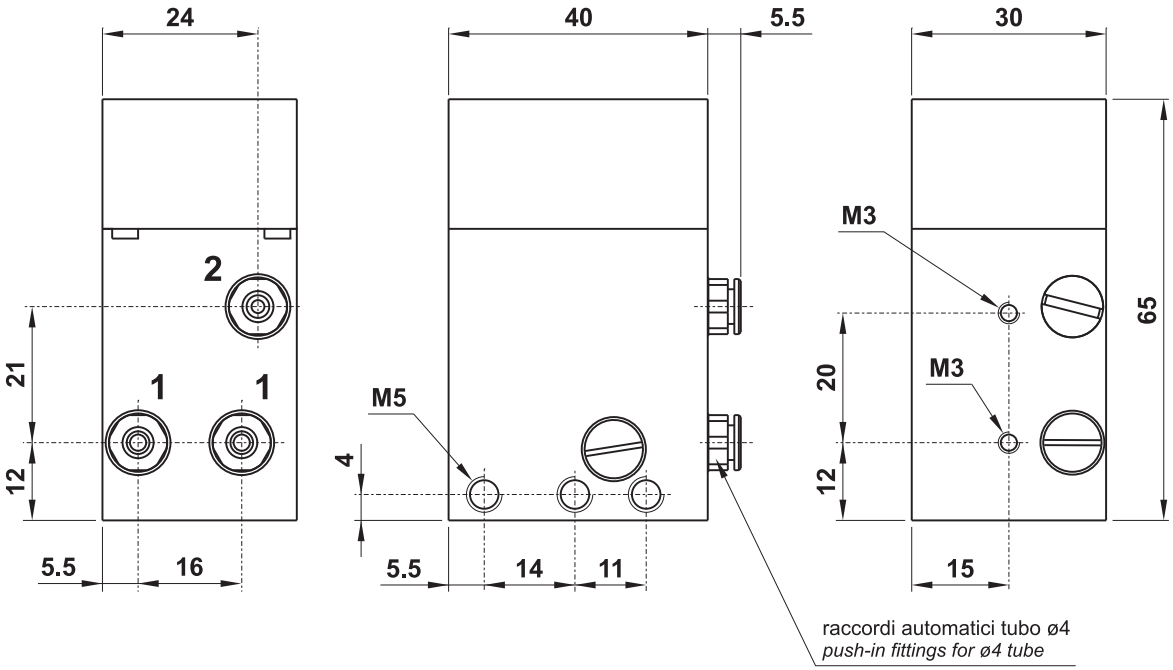
Portata massima *Maximum flow rate*	70 Nl/min
Attacchi *Ports*	automatico ø4 *ø4 push-in*
Pressione di esercizio *Working pressure*	2.5 ... 8 bar 0.25 ... 0.8 MPa
Intervallo di tempo tra i due segnali di comando *Delay between two actuating signals*	$\Delta t < 0.5$ s (0.14 s a 3 bar)
Temperatura di esercizio *Temperature range*	-10°C ... +60°C
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

Materiali
Corpo: alluminio 11S
Molle: INOX
Guarnizioni: NBR
Parti interne: ottone OT58

Materials
Body: aluminium 11S
Springs: stainless steel
Seals: NBR
Internal parts: brass OT58

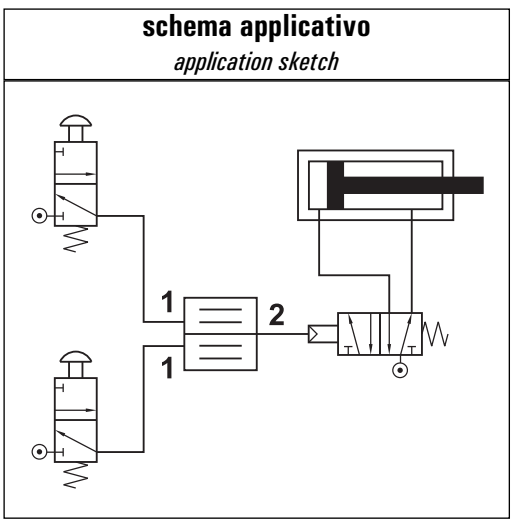
mini elaboratore di segnale

mini signal elaborator



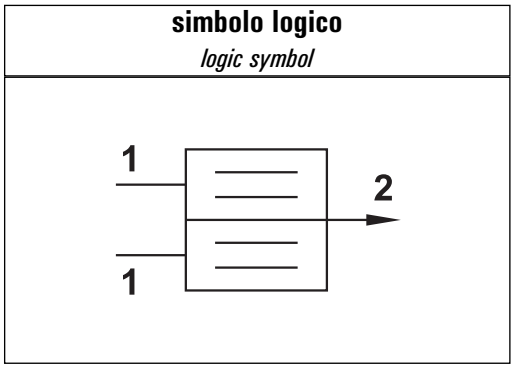
schema applicativo

application sketch



simbolo logico

logic symbol



dispositivo salvamani con mini elaboratore

two-hand safety device with mini elaborator

Modalità di funzionamento

Questo dispositivo salvamani comprende il mini elaboratore di segnale, due pulsanti di comando e una valvola 5/2 di portata. È pertanto un dispositivo salvamani completo che può essere direttamente utilizzato per il comando di una macchina che presenta un elevato rischio di infortunio alle mani. Impone all'operatore di utilizzare entrambe le mani per inviare l'impulso di comando, evitando in questo modo che esse vengano accidentalmente a trovarsi nell'area dei meccanismi in movimento. Il dispositivo rispetta i requisiti di sicurezza della norma EN574:1996 +A1:2008.
L'impulso di comando viene generato dall'elaboratore di segnale solo in presenza di due segnali di azionamento contemporanei provenienti dai pulsanti di comando. L'intervallo Δt tra questi due segnali, comunque inferiore a 0.5 secondi, varia a seconda della pressione di alimentazione e può essere determinato facendo riferimento al grafico "risposta tempo-pressione" riportato in questa pagina.
L'elaboratore di segnale è dotato di un dispositivo antiripetitivo che garantisce la generazione di un solo impulso in presenza dei due segnali contemporanei. Affinché l'elaboratore possa generare un successivo impulso è necessario far cessare entrambi i segnali e procedere a un nuovo azionamento.
Il dispositivo di comando a due mani garantisce un'alta affidabilità ed è venduto con il certificato CE (conformità alla Direttiva Macchine 2006/42/CE e alla norma UNI EN 574-1:2008 e EN 574:1996 + A1:2008 tipo III A).

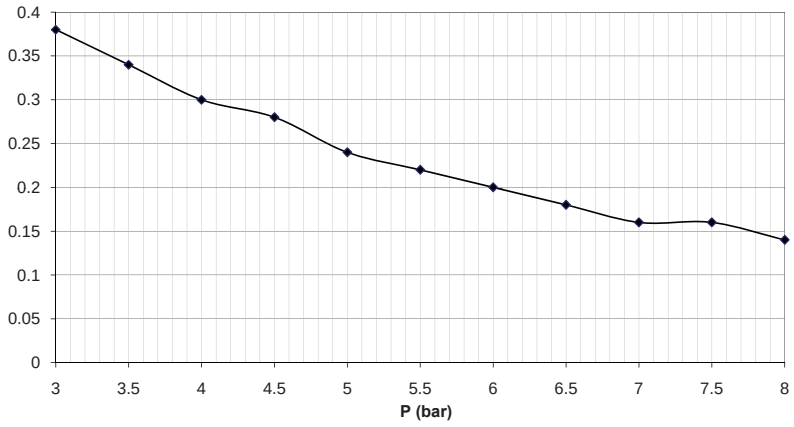
Valve operation

This device is composed by the mini signal elaborator, two push buttons and a 5/2 way valve. It can be directly used on machines which have a high risk of injuries to the hands.
The machine operator must simultaneously operate both push buttons. The safety valve will ignore a single depression of one of the push buttons. To repeat the cycle both pilot signals must be exhausted and the push buttons simultaneously actuated again.
The signal elaborator is sold with CE-certification (compliant to Machinery Directive 2006/42/EC and to Norm UNI EN 574-1:2008 and EN 574:1996 + A1:2008 type III A).

CODICE DI ORDINAZIONE
ORDER CODE

08.361.4

RISPOSTA TEMPO-PRESSIONE
reaction time related to pressure



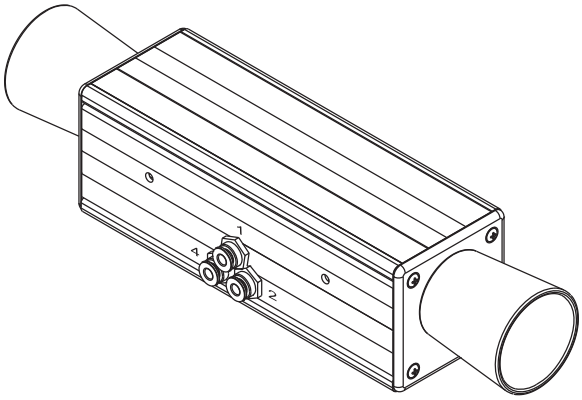
Portata massima *Maximum flow rate*	550 Nl/min
Attacchi *Ports*	automatico ø6 *ø6 push-in*
Pressione di esercizio *Working pressure*	2.5 ... 8 bar 0.25 ... 0.8 MPa
Intervallo di tempo tra i due segnali di comando *Delay between two actuating signals*	$\Delta t < 0.5$ s (0.14 s a 3 bar)
Temperatura di esercizio *Temperature range*	-10°C ... +60°C
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

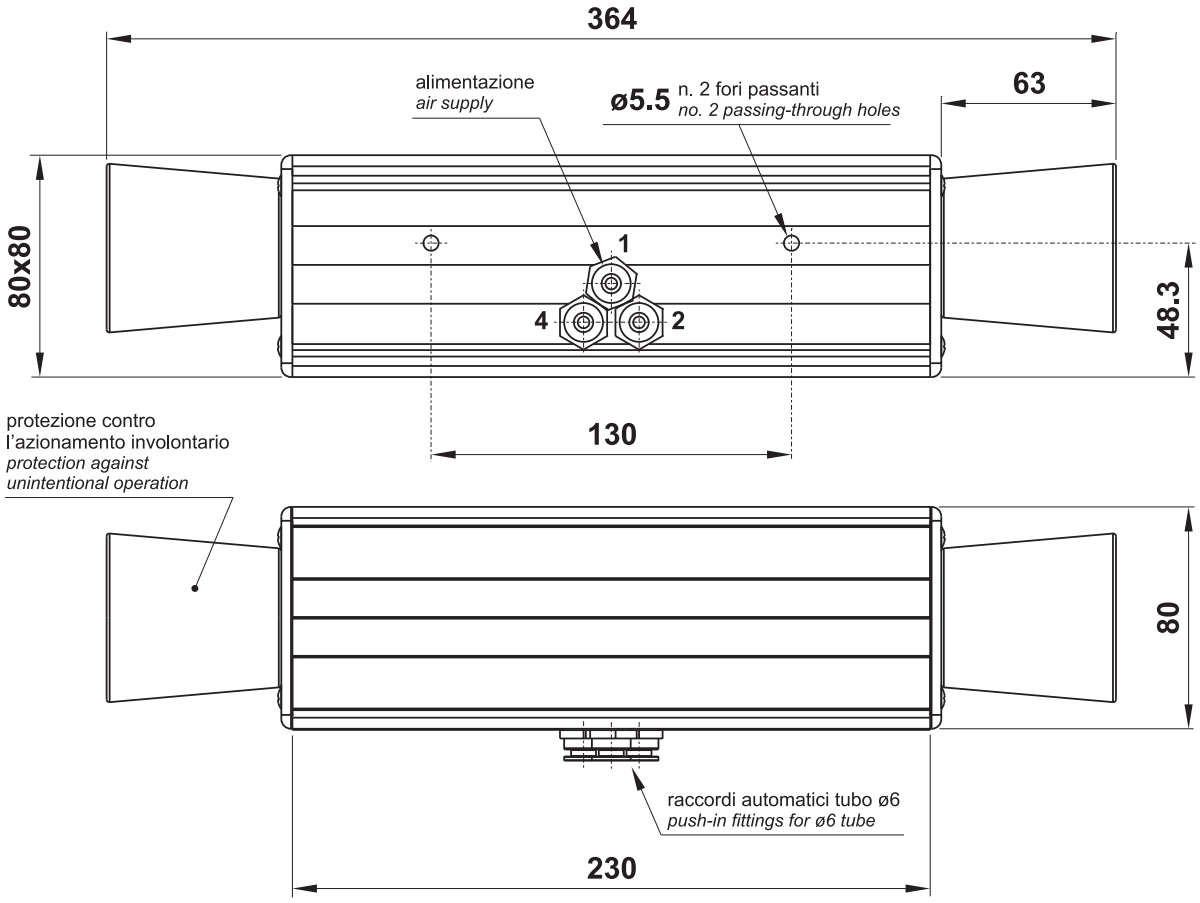
Materiali
Corpo: alluminio 11S
Molle: INOX
Guarnizioni: NBR
Parti interne: ottone OT58

Materials
Body: aluminium 11S
Springs: stainless steel
Seals: NBR
Internal parts: brass OT58

dispositivo salvamani con mini elaboratore

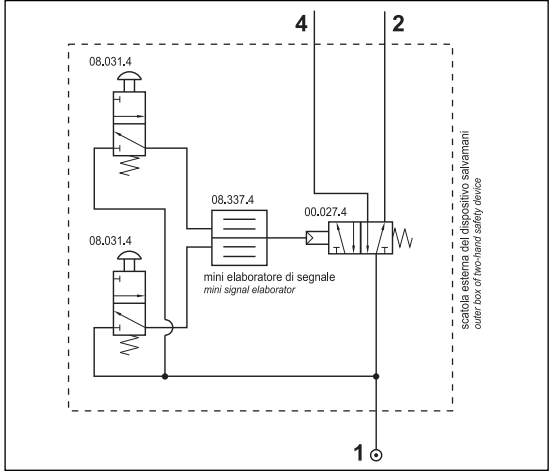
two-hand safety device with mini elaborator





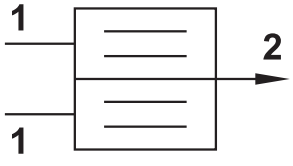
schema applicativo

application sketch



simbolo logico

logic symbol



dispositivo salvamani con mini elaboratore

two-hand safety device with mini elaborator

Modalità di funzionamento

Questo dispositivo salvamani comprende il mini elaboratore di segnale e due pulsanti di comando. Non comprende la valvola 5/2 di portata. È dunque un dispositivo salvamani il quale, affinché possa essere utilizzato per il comando di una macchina che presenta un elevato rischio di infortunio alle mani, deve essere collegato a una valvola di potenza già presente sulla macchina. Esso impone all'operatore di utilizzare entrambe le mani per inviare l'impulso di comando, evitando in questo modo che esse vengano accidentalmente a trovarsi nell'area dei meccanismi in movimento. Il dispositivo rispetta i requisiti di sicurezza della norma EN574:1996 + A1:2008.

L'impulso di comando viene generato dall'elaboratore di segnale solo in presenza di due segnali di azionamento contemporanei provenienti dai pulsanti di comando. L'intervallo Δt tra questi due segnali, comunque inferiore a 0.5 secondi, varia a seconda della pressione di alimentazione e può essere determinato facendo riferimento al grafico "risposta tempo-pressione" riportato in questa pagina.

L'elaboratore di segnale è dotato di un dispositivo antiripetitivo che garantisce la generazione di un solo impulso in presenza dei due segnali contemporanei. Affinché l'elaboratore possa generare un successivo impulso è necessario far cessare entrambi i segnali e procedere a un nuovo azionamento.

Il dispositivo di comando a due mani garantisce un'alta affidabilità ed è venduto con il certificato CE (conformità alla Direttiva Macchine 2006/42/CE e alla norma UNI EN 574-1:2008 e EN 574:1996 + A1:2008 tipo III A).

Valve operation

This device is composed by the mini signal elaborator and two push buttons. It does not include the 5/2 way valve. To be used on machines which have a high risk of injuries to the hands it must be connected to the main valve which is already on the machine.

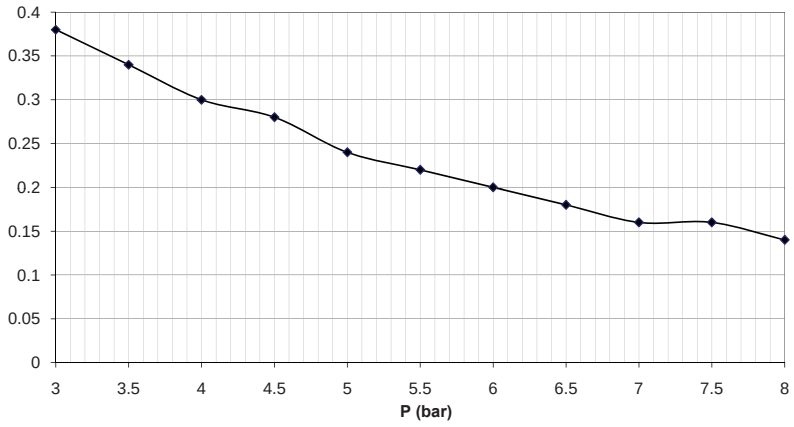
The machine operator must simultaneously operate both push buttons. The safety valve will ignore a single depression of one of the push buttons. To repeat the cycle both pilot signals must be exhausted and the push buttons simultaneously actuated again.

The signal elaborator is sold with CE-certification (compliant to Machinery Directive 2006/42/EC and to Norm UNI EN 574-1:2008 and EN 574:1996 + A1:2008 type III A).

CODICE DI ORDINAZIONE
ORDER CODE

08.362.4

RISPOSTA TEMPO-PRESSIONE
reaction time related to pressure



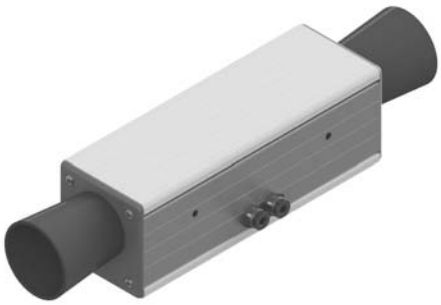
Portata massima *Maximum flow rate*	70 Nl/min
Attacchi *Ports*	automatico ø6 *ø6 push-in*
Pressione di esercizio *Working pressure*	2.5 ... 8 bar 0.25 ... 0.8 MPa
Intervallo di tempo tra i due segnali di comando *Delay between two actuating signals*	$\Delta t < 0.5$ s (0.14 s a 3 bar)
Temperatura di esercizio *Temperature range*	-10°C ... +60°C
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

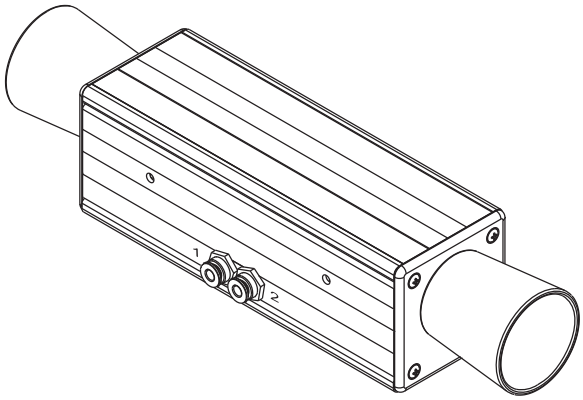
Materiali
Corpo: alluminio 11S
Molle: INOX
Guarnizioni: NBR
Parti interne: ottone OT58

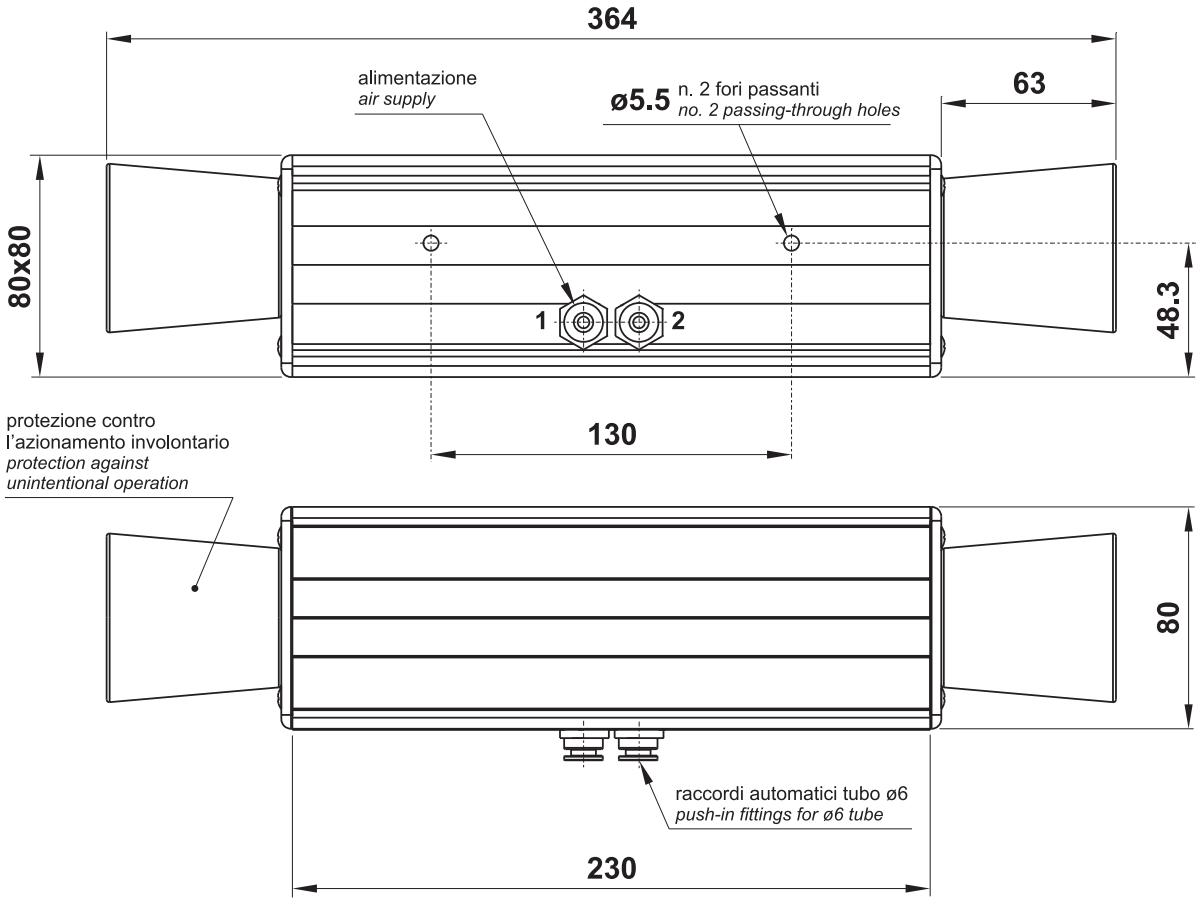
Materials
Body: aluminium 11S
Springs: stainless steel
Seals: NBR
Internal parts: brass OT58

dispositivo salvamani con mini elaboratore

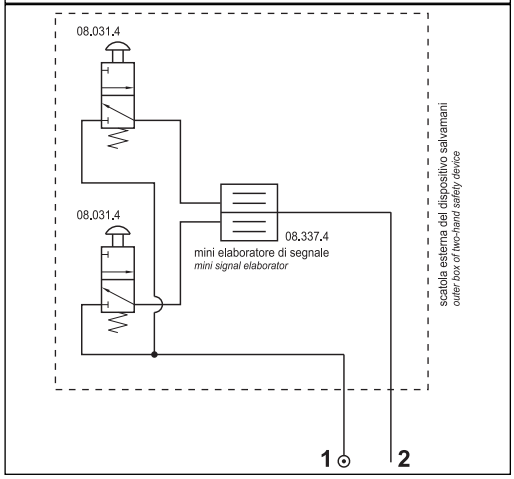
two-hand safety device with mini elaborator





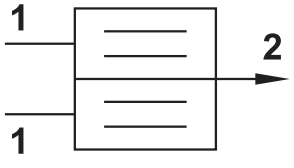


schema applicativo



simbolo logico

logic symbol



dispositivo salvamani con mini elaboratore

two-hand safety device with mini elaborator

Modalità di funzionamento

Questo dispositivo salvamani comprende il mini elaboratore di segnale, i due pulsanti di comando e una valvola 3/2 di intercettazione. Non comprende la valvola 5/2 di portata. È dunque un dispositivo salvamani il quale, affinché possa essere utilizzato per il comando di una macchina che presenta un elevato rischio di infortunio alle mani, deve essere collegato a una valvola di potenza già presente sulla macchina. Esso impone all'operatore di utilizzare entrambe le mani per inviare l'impulso di comando, evitando in questo modo che esse vengano accidentalmente a trovarsi nell'area dei meccanismi in movimento. Il dispositivo rispetta i requisiti di sicurezza della norma EN574:1996 +A1:2008.

L'impulso di comando viene generato dall'elaboratore di segnale solo in presenza di due segnali di azionamento contemporanei provenienti dai pulsanti di comando. L'intervallo Δt tra questi due segnali, comunque inferiore a 0.5 secondi, varia a seconda della pressione di alimentazione e può essere determinato facendo riferimento al grafico "risposta tempo-pressione" riportato in questa pagina.

L'elaboratore di segnale è dotato di un dispositivo antiripetitivo che garantisce la generazione di un solo impulso in presenza dei due segnali contemporanei. Affinché l'elaboratore possa generare un successivo impulso è necessario far cessare entrambi i segnali e procedere a un nuovo azionamento. Premendo sul pulsante della valvola di intercettazione, l'intero dispositivo salvamani viene disattivato.

Il dispositivo di comando a due mani garantisce un'alta affidabilità ed è venduto con il certificato CE (conformità alla Direttiva Macchine 2006/42/CE e alla norma UNI EN 574-1:2008 e EN 574:1996 + A1:2008 tipo III A).

Valve operation

This device is composed by the mini signal elaborator, two push buttons and a 3/2 shut-off valve. It does not include the 5/2 way valve. To be used on machines which have a high risk of injuries to the hands it must be connected to the main valve which is already on the machine.

The machine operator must simultaneously operate both push buttons. The safety valve will ignore a single depression of one of the push buttons. To repeat the cycle both pilot signals must be exhausted and the push buttons simultaneously actuated again.

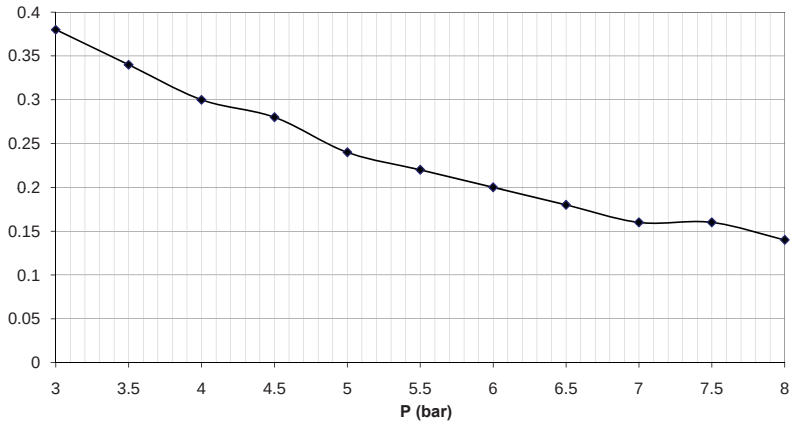
By pushing on the push button of the shut-off valve the whole device will be deactivated.

The signal elaborator is sold with CE-certification (compliant to Machinery Directive 2006/42/EC and to Norm UNI EN 574-1:2008 and EN 574:1996 + A1:2008 type III A).

CODICE DI ORDINAZIONE
ORDER CODE

08.363.4

RISPOSTA TEMPO-PRESSIONE
reaction time related to pressure



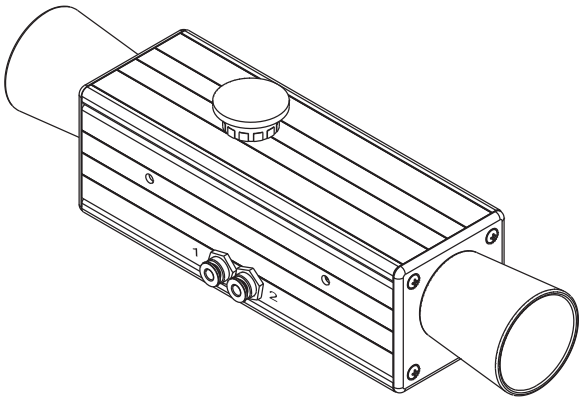
Portata massima *Maximum flow rate*	70 Nl/min
Attacchi *Ports*	automatico ø6 *ø6 push-in*
Pressione di esercizio *Working pressure*	2.5 ... 8 bar 0.25 ... 0.8 MPa
Intervallo di tempo tra i due segnali di comando *Delay between two actuating signals*	$\Delta t < 0.5$ s (0.14 s a 3 bar)
Temperatura di esercizio *Temperature range*	-10°C ... +60°C
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

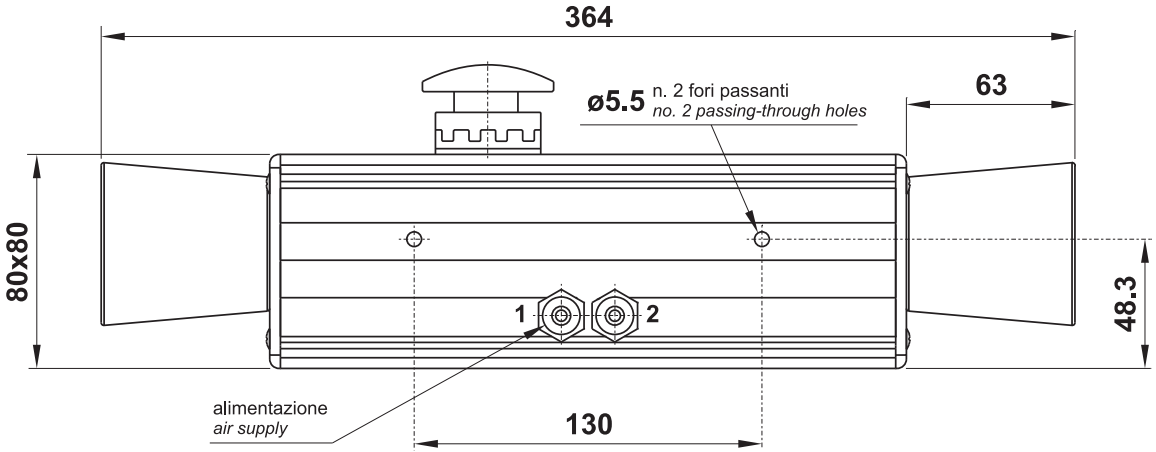
Materiali
Corpo: alluminio 11S
Molle: INOX
Guarnizioni: NBR
Parti interne: ottone OT58

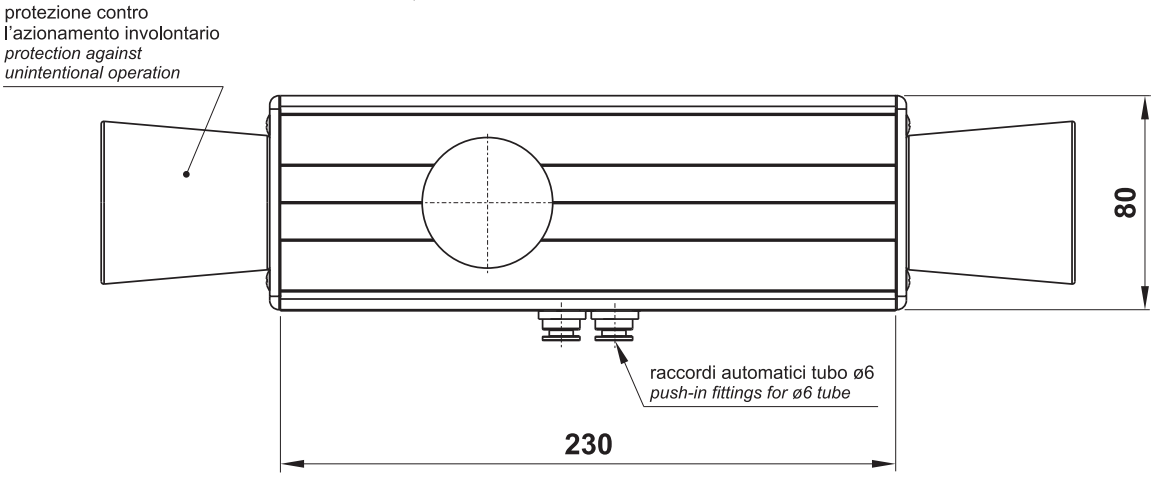
Materials
Body: aluminium 11S
Springs: stainless steel
Seals: NBR
Internal parts: brass OT58

dispositivo salvamani con mini elaboratore

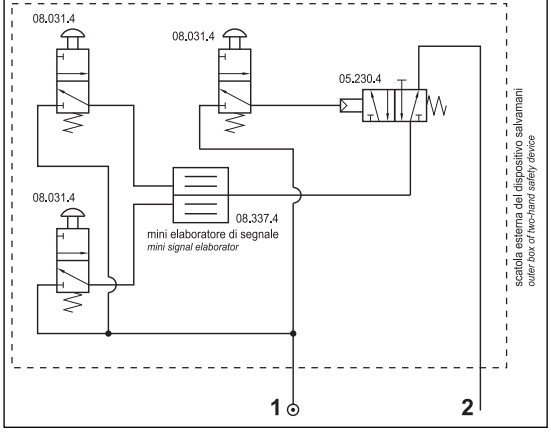
two-hand safety device with mini elaborator





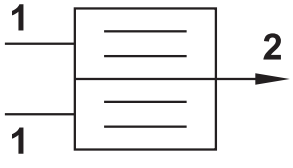


schema applicativo



simbolo logico

logic symbol



dispositivo salvamani con elabor. di segnale

two-hand safety device with signal elaborator

Modalità di funzionamento

Questo dispositivo salvamani comprende l'elaboratore di segnale e due pulsanti di comando. Non comprende la valvola 5/2 di portata. È dunque un dispositivo salvamani il quale, affinché possa essere utilizzato per il comando di una macchina che presenta un elevato rischio di infortunio alle mani, deve essere collegato a una valvola di potenza già presente sulla macchina. Esso impone all'operatore di utilizzare entrambe le mani per inviare l'impulso di comando, evitando in questo modo che esse vengano accidentalmente a trovarsi nell'area dei meccanismi in movimento. Il dispositivo rispetta i requisiti di sicurezza della norma EN574:1996 + A1:2008.

L'impulso di comando viene generato dall'elaboratore di segnale solo in presenza di due segnali di azionamento contemporanei provenienti dai pulsanti di comando. L'intervallo Δt tra questi due segnali, comunque inferiore a 0.5 secondi, varia a seconda della pressione di alimentazione e può essere determinato facendo riferimento al grafico "risposta tempo-pressione" riportato in questa pagina.

L'elaboratore di segnale è dotato di un dispositivo antiripetitivo che garantisce la generazione di un solo impulso in presenza dei due segnali contemporanei. Affinché l'elaboratore possa generare un successivo impulso è necessario far cessare entrambi i segnali e procedere a un nuovo azionamento.

Il dispositivo di comando a due mani garantisce un'alta affidabilità ed è venduto con il certificato CE (conformità alla Direttiva Macchine 2006/42/CE e alla norma UNI EN 574-1:2008 e EN 574:1996 + A1:2008 tipo III A).

Valve operation

This device is composed by the signal elaborator and two push buttons. It does not include the 5/2 way valve. To be used on machines which have a high risk of injuries to the hands it must be connected to the main valve which is already on the machine.

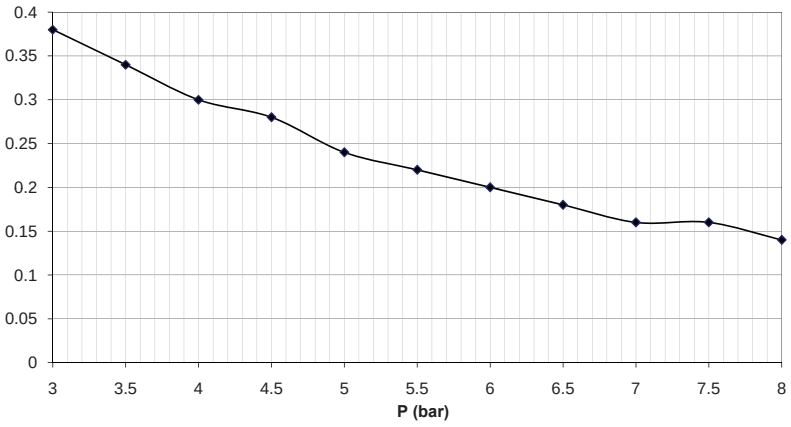
The machine operator must simultaneously operate both push buttons. The safety valve will ignore a single depression of one of the push buttons. To repeat the cycle both pilot signals must be exhausted and the push buttons simultaneously actuated again.

The signal elaborator is sold with CE-certification (compliant to Machinery Directive 2006/42/EC and to Norm UNI EN 574-1:2008 and EN 574:1996 + A1:2008 type III A).

CODICE DI ORDINAZIONE
ORDER CODE

08.304.4

RISPOSTA TEMPO-PRESSIONE
reaction time related to pressure



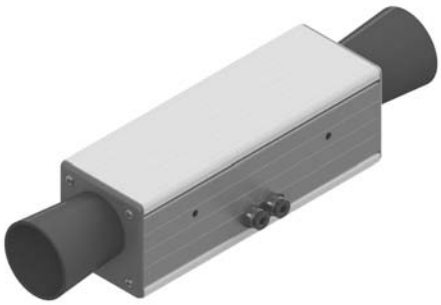
Portata massima *Maximum flow rate*	100 Nl/min
Attacchi *Ports*	automatico ø6 *ø6 push-in*
Pressione di esercizio *Working pressure*	3 ... 8 bar 0.3 ... 0.8 MPa
Intervallo di tempo tra i due segnali di comando *Delay between two actuating signals*	$\Delta t < 0.5$ s (0.35 s a 3.5 bar)
Temperatura di esercizio *Temperature range*	-10°C ... +60°C
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

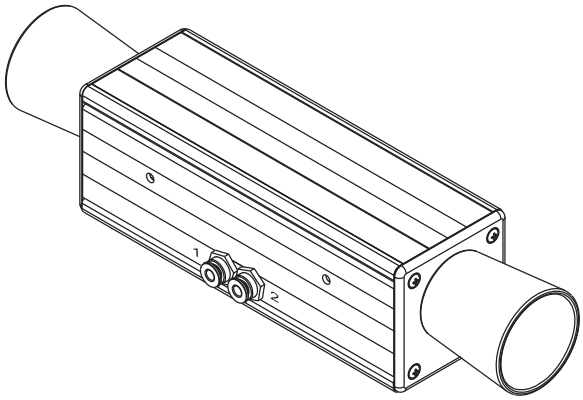
Materiali
Corpo: alluminio 11S
Molle: INOX
Guarnizioni: NBR
Parti interne: ottone OT58

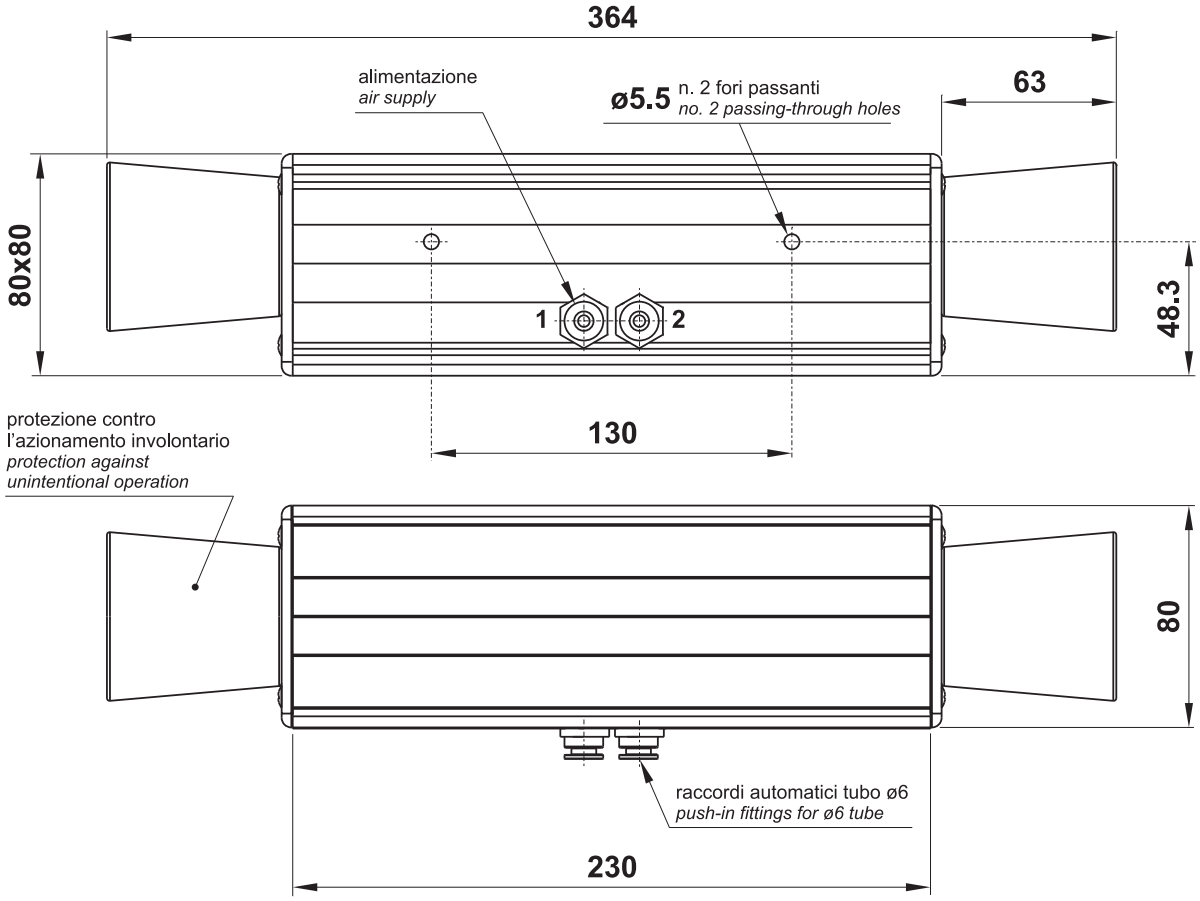
Materials
Body: aluminium 11S
Springs: stainless steel
Seals: NBR
Internal parts: brass OT58

dispositivo salvamani con elabor. di segnale

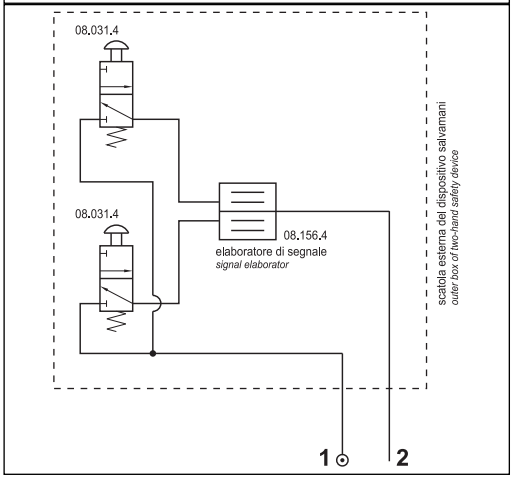
two-hand safety device with signal elaborator





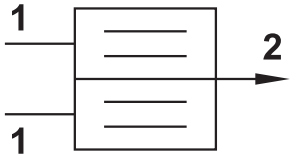


schema applicativo



simbolo logico

logic symbol



dispositivo salvamani con elabor. di segnale

two-hand safety device with signal elaborator

Modalità di funzionamento

Questo dispositivo salvamani comprende l'elaboratore di segnale, due pulsanti di comando e una valvola 5/2 di portata. È pertanto un dispositivo salvamani completo che può essere direttamente utilizzato per il comando di una macchina che presenta un elevato rischio di infortunio alle mani. Impone all'operatore di utilizzare entrambe le mani per inviare l'impulso di comando, evitando in questo modo che esse vengano accidentalmente a trovarsi nell'area dei meccanismi in movimento. Il dispositivo rispetta i requisiti di sicurezza della norma EN574:1996 +A1:2008.

L'impulso di comando viene generato dall'elaboratore di segnale solo in presenza di due segnali di azionamento contemporanei provenienti dai pulsanti di comando. L'intervallo Δt tra questi due segnali, comunque inferiore a 0.5 secondi, varia a seconda della pressione di alimentazione e può essere determinato facendo riferimento al grafico "risposta tempo-pressione" riportato in questa pagina.

L'elaboratore di segnale è dotato di un dispositivo antiripetitivo che garantisce la generazione di un solo impulso in presenza dei due segnali contemporanei. Affinché l'elaboratore possa generare un successivo impulso è necessario far cessare entrambi i segnali e procedere a un nuovo azionamento.

Il dispositivo di comando a due mani garantisce un'alta affidabilità ed è venduto con il certificato CE (conformità alla Direttiva Macchine 2006/42/CE e alla norma UNI EN 574-1:2008 e EN 574:1996 + A1:2008 tipo III A).

Valve operation

This device is composed by the signal elaborator, two push buttons and a 5/2 way valve. It can be directly used on machines which have a high risk of injuries to the hands.

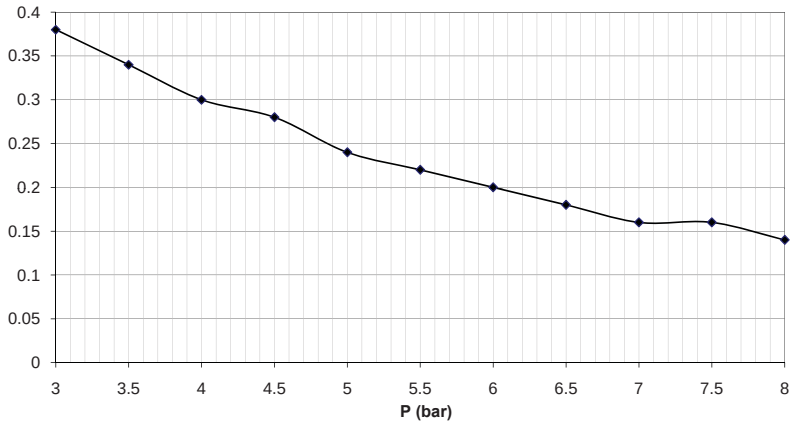
The machine operator must simultaneously operate both push buttons. The safety valve will ignore a single depression of one of the push buttons. To repeat the cycle both pilot signals must be exhausted and the push buttons simultaneously actuated again.

The signal elaborator is sold with CE-certification (compliant to Machinery Directive 2006/42/EC and to Norm UNI EN 574-1:2008 and EN 574:1996 + A1:2008 type III A).

CODICE DI ORDINAZIONE
ORDER CODE

08.179.4

RISPOSTA TEMPO-PRESSIONE
reaction time related to pressure



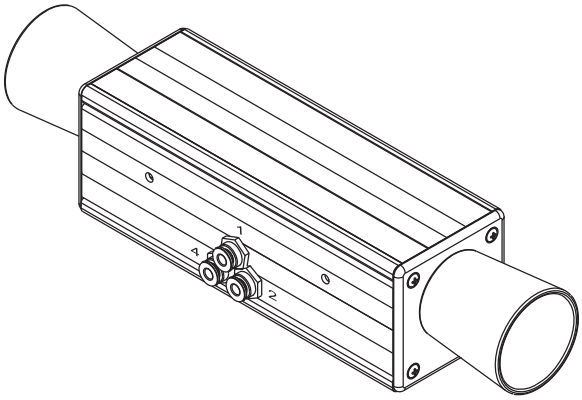
Portata massima *Maximum flow rate*	550 Nl/min
Attacchi *Ports*	automatico ø6 *ø6 push-in*
Pressione di esercizio *Working pressure*	3 ... 8 bar 0.3 ... 0.8 MPa
Intervallo di tempo tra i due segnali di comando *Delay between two actuating signals*	$\Delta t < 0.5$ s (0.35 s a 3.5 bar)
Temperatura di esercizio *Temperature range*	-10°C ... +60°C
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

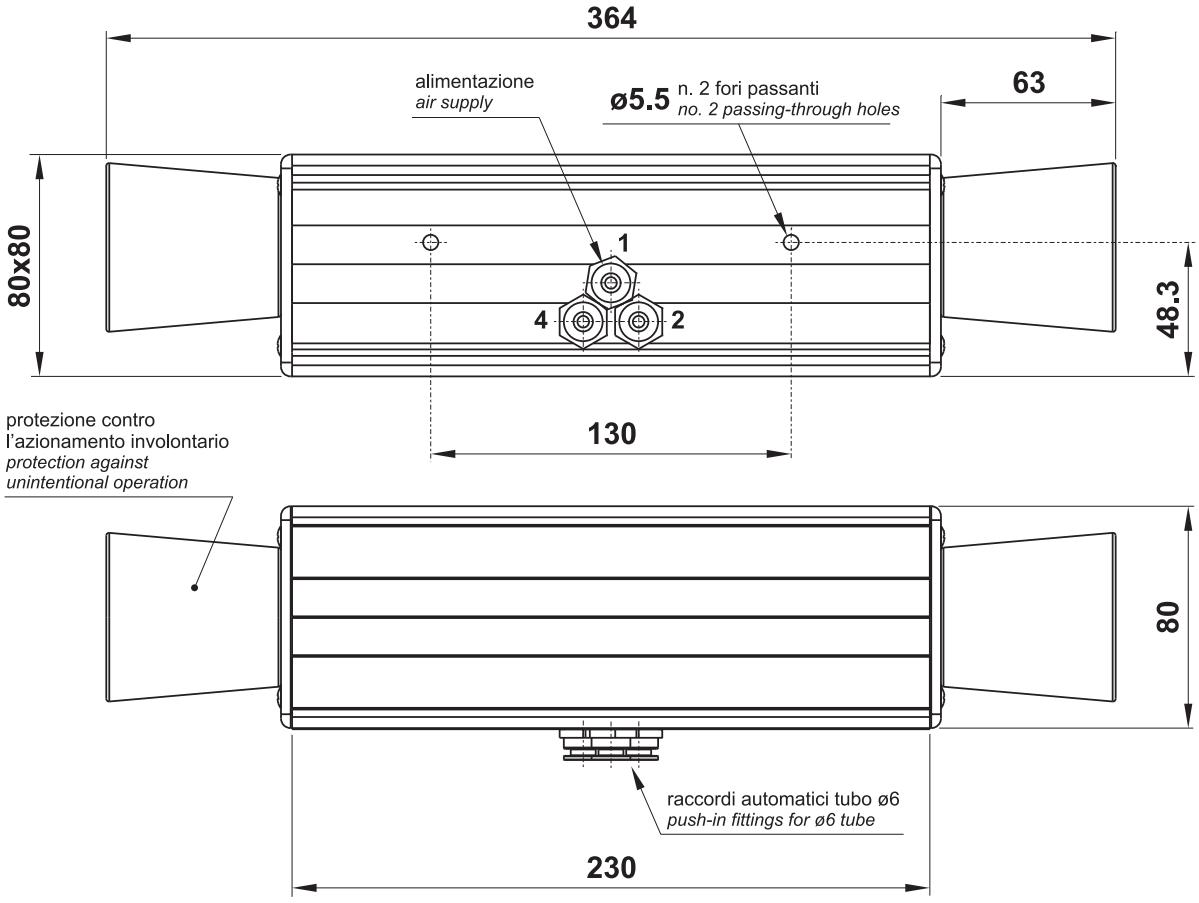
Materiali
Corpo: alluminio 11S
Molle: INOX
Guarnizioni: NBR
Parti interne: ottone OT58

Materials
Body: aluminium 11S
Springs: stainless steel
Seals: NBR
Internal parts: brass OT58

dispositivo salvamani con elabor. di segnale

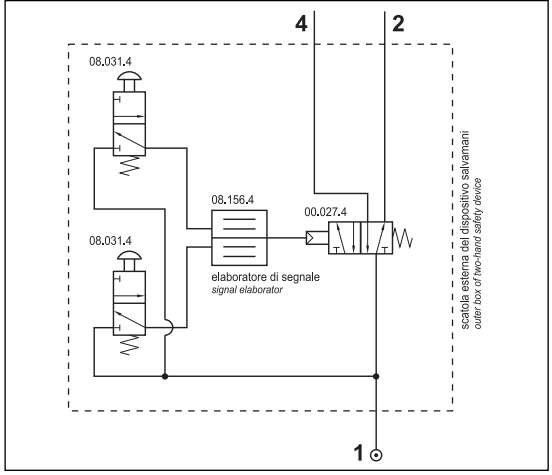
two-hand safety device with signal elaborator





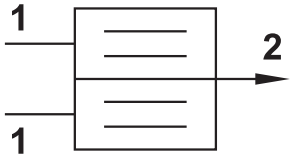
schema applicativo

application sketch



simbolo logico

logic symbol



clip per profilo omega

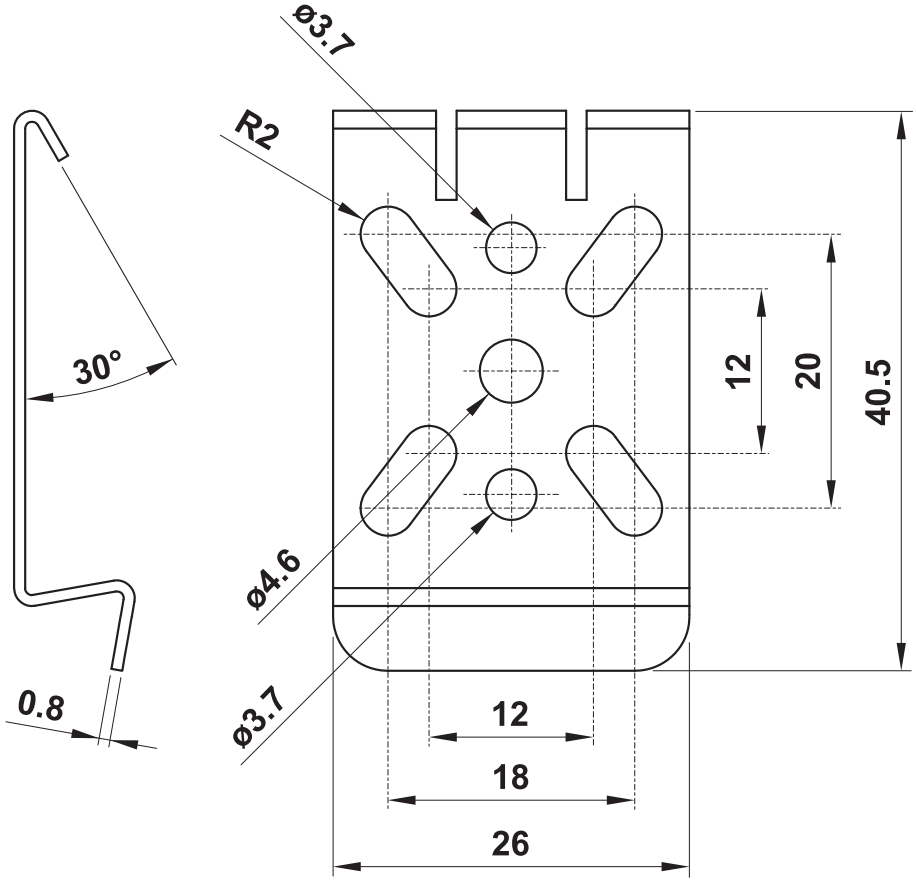
clip for omega-profile

clip per fissaggio su profilo omega

clip for omega-profile

CODICE DI ORDINAZIONE
ORDER CODE

08.048.2



È utilizzabile per l'installazione del mini elaboratore di segnale e di altri elementi pneumatici su una barra a profilo Ω (omega).
Materiale: acciaio armonico per molle.
È venduta con le viti necessarie al suo assemblaggio.

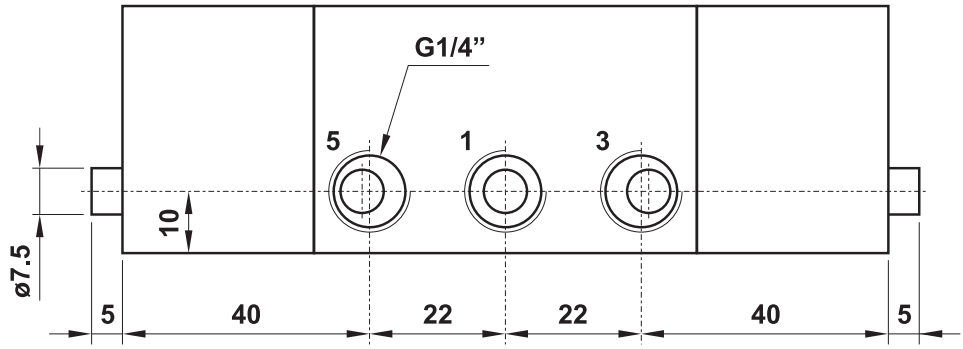
It can be used to install the mini signal elaborator and other pneumatic elements on a profile Ω (omega).
Material: harmonic steel for springs.
It is sold with the necessary screws for installation.

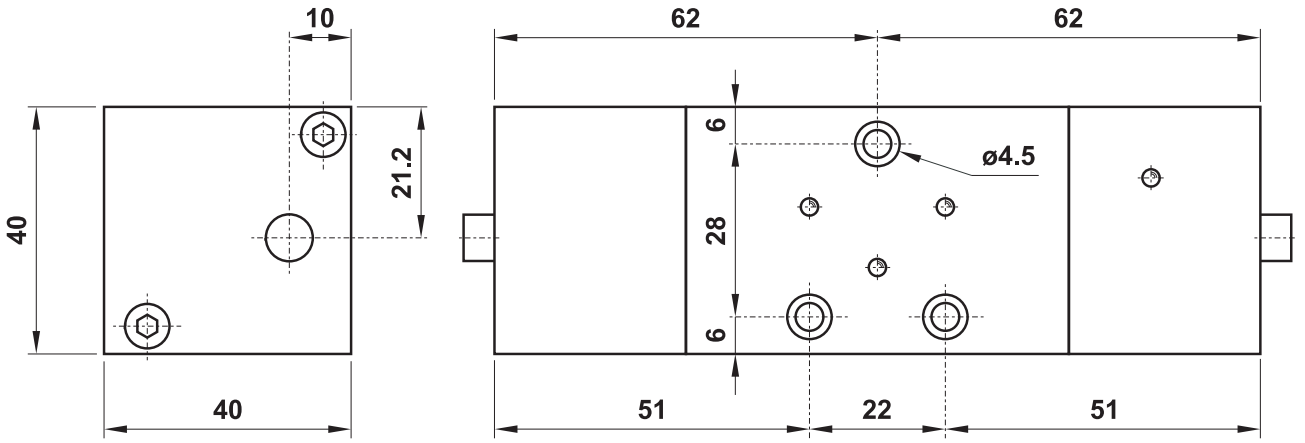
G1/4" a ciclo continuo

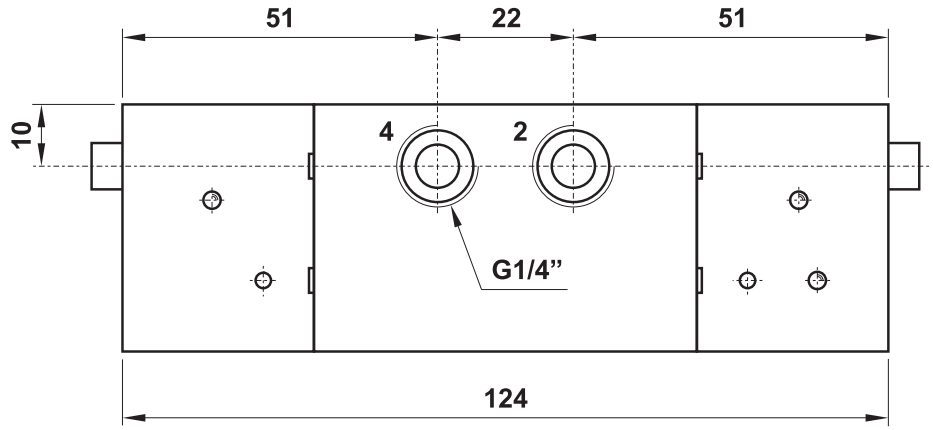
G1/4" continuous cycle

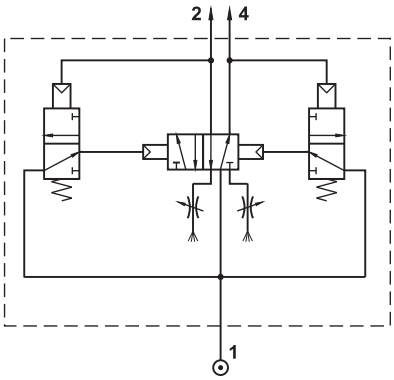
CODICE DI ORDINAZIONE
ORDER CODE

10.061.4







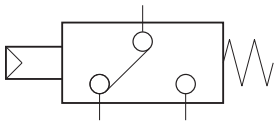


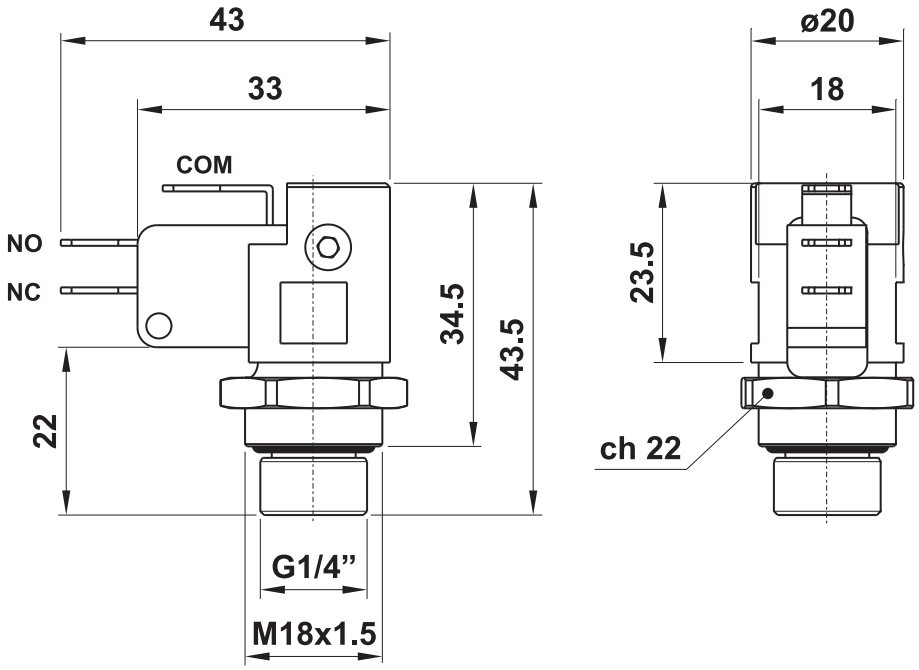
trasduttore pneumo-elettrico

pressure switches

Permette di trasformare un segnale pneumatico in un segnale elettrico. Dispone sia del contatto normalmente aperto sia di quello normalmente chiuso.

It can be used to change a pneumatic signal into an electric signal. The switch has both the normally open and the normally closed contact.





CODICE DI ORDINAZIONE
ORDER CODE

03.045.4

durata cicli	**10.000.000**	*life time (cycles)*
frequenza massima (cicli/ora)	**6000**	*max frequency (cycles/hour)*
grado di isolamento IP	**IP 30**	*IP isolation degree*
tensione di isolamento	**250 V ~**	*rated insulation voltage*
corrente nominale termica	**10 A**	*rated thermal current*
protezione contro i corto circuiti (fusibile)	**10 A**	*protection against short circuits (fuse)*

parametri di impiego
utilization parameters

DC

V	24	125	250
A	6	1.1	0.4

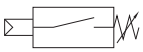
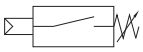
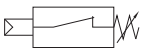
AC 50-60 Hz

V	24	120	250
A	7	6	5

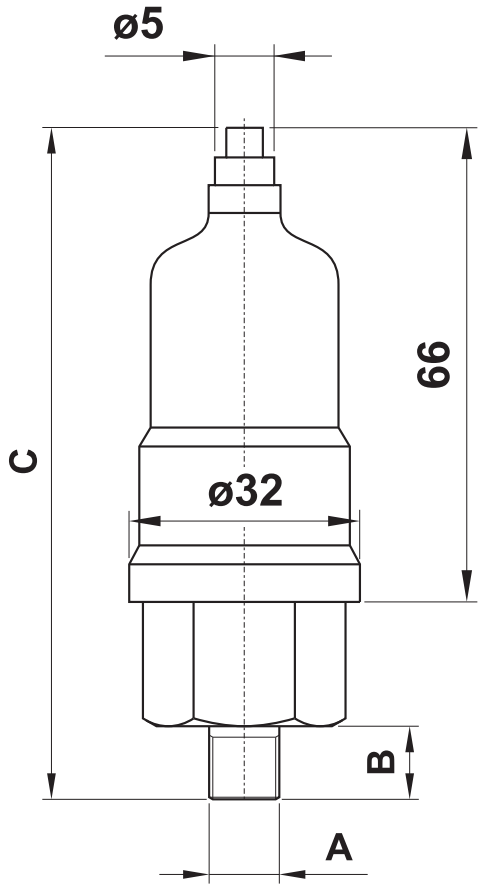
Attacchi *Ports*	G1/8"
Temperatura di esercizio *Temperature range*	max +60°C
Pressione di esercizio *Working pressure*	1 ... 10 bar 0.1 ... 1 MPa
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

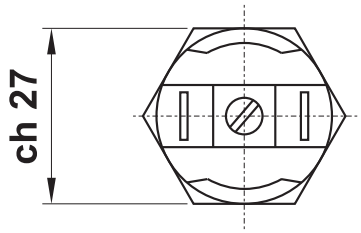
vuotostati

vacuum switches

codice *part number*			A	B	C
17.081.0	**NA** *[NO]*		G1/8"	10	90.5
17.082.0	**NC** *[NC]*		G1/8"	10	90.5
17.077.0	**NA** *[NO]*		G1/4"	12	92.5
17.017.0	**NC** *[NC]*		G1/4"	12	92.5

Temperatura di esercizio *Temperature range*	max +60°C
Campo di taratura *Setting range*	-0.2 ... -0.9 bar -0.02 ... -0.09 MPa
Tolleranza a 20°C *Tolerance at 20°C*	0.1 bar 0.01 MPa
Tensione massima *Max. tension*	48V AC
Grado di protezione *Protection degree*	IP 54
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*



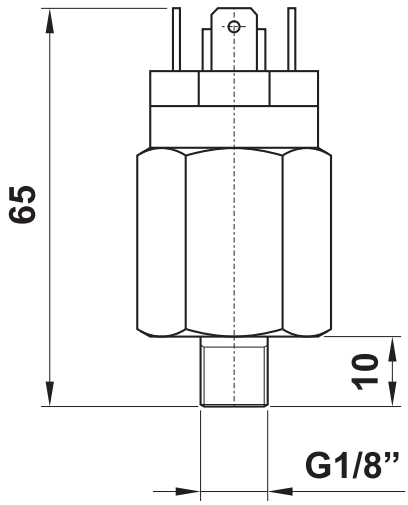


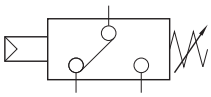
Materiali
Corpo: ottone OT58
Membrana: gomma FKM
Contatti: argentati

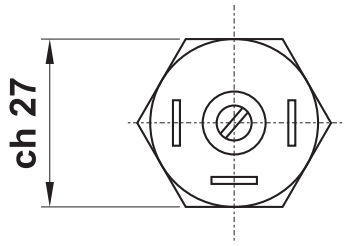
Materials
Body: brass OT58
Diaphragm: rubber FKM
Electrical contacts: silver plated

Il vuotostato è venduto con il cappuccio di protezione.
The vacuum switch is sold with protection cap.

CODICE DI ORDINAZIONE - *ORDER CODE*
NC-NA *[NC-NO]*
17.090.0







Temperatura di esercizio *Temperature range*	max +60°C
Campo di taratura *Setting range*	1 ... 10 bar 0.1 ... 1 MPa
Tolleranza a 20°C *Tolerance at 20°C*	0.5 bar 0.05 MPa
Tensione massima *Max. tension*	250V AC
Isteresi standard *Standard hysteresis*	20%
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

L’isteresi è regolabile fino al 40%.
The hysteresis can be adjusted, max 40%.

Materiali
Corpo: ottone OT 58
Membrana: gomma FKM
Contatti: argentati

Materials
Body: brass OT 58
Diaphragm: rubber FKM
Electrical contacts: silver plated

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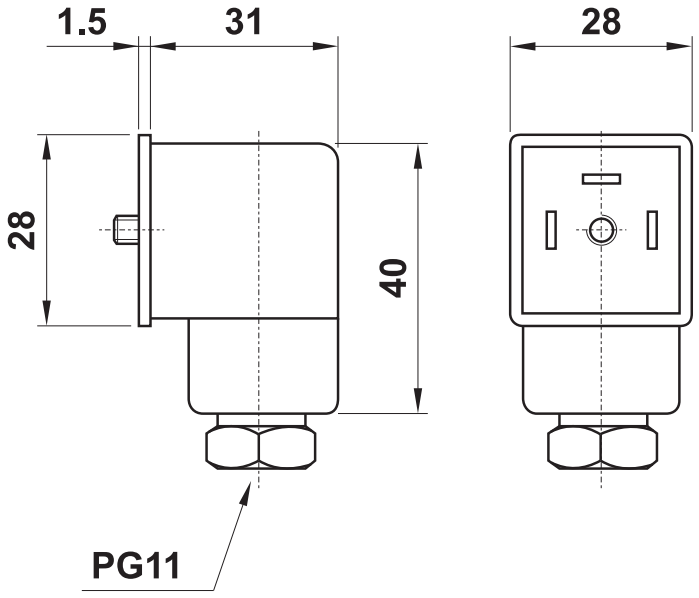
cappucci
caps

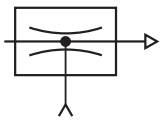
IP 65

17.091.0

Da utilizzare con il pressostato 17.090.0
To be used with pressure switch 17.090.0

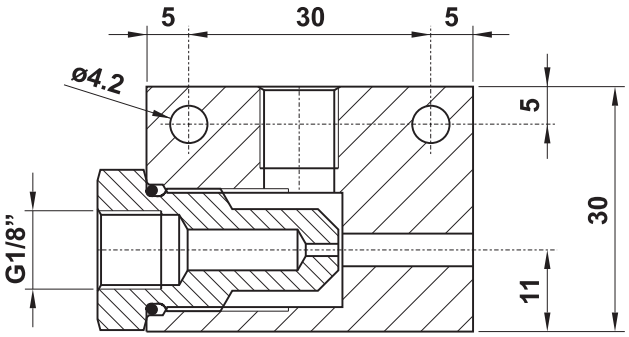


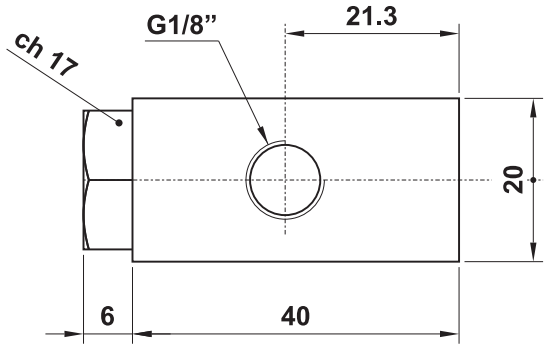
DP 2010 E - 03.020.4



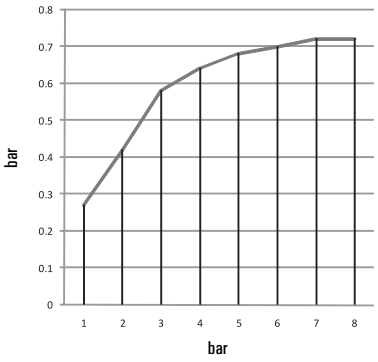
depressore diretto G1/8"
direct vacuum generator with G1/8" port

È una valvola semplice e compatta che genera il vuoto all'immissione di aria compressa. Il vuoto cessa immediatamente al venir meno del flusso d'aria.
It is a simple and compact valve which generates a vacuum when compressed air is applied. The vacuum ceases immediately when the air supply is removed.



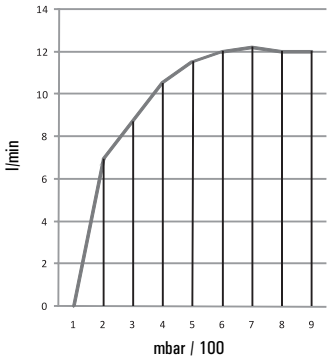


Vuoto in relazione
alla pressione di alimentazione
Vacuum in relation to pressure supply



pressione di alimentazione [bar] / *pressure supply [bar]*	1	2	3	4	5	6	7	8
vuoto massimo [bar] / *maximum vacuum [bar]*	0.27	0.42	0.58	0.64	0.68	0.7	0.72	0.72

Quantità di aria aspirata in relazione al vuoto
Quantity of air drawn by suction, in relation to vacuum



vuoto [bar] / *vacuum [bar]*	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
quantità di aria aspirata [l/min] / *quantity of air drawn by suction [l/min]*	6.9	8.7	10.5	11.5	12	12.2	12	12

vuoto [bar] / *vacuum [bar]*	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
tempo di evacuazione [s/dm³] / *evacuation time [s/dm³]*	8.695	6.896	5.714	5.217	5	4.918	5	5

Il tempo di evacuazione è il tempo necessario per evacuare (mettere sotto vuoto) un volume di 1 dm³ a un valore di vuoto specificato.
The evacuation time is the time necessary to evacuate (put under vacuum) a volume of 1 dm³ at a specified value of vacuum.

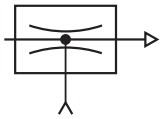
Può essere utilizzato come generatore di vuoto con le valvole che in questo catalogo sono espressamente indicate come compatibili con il vuoto o con pressioni inferiori a 0 bar.
It can be used as vacuum generator with the valves which are explicitly indicated in this catalogue as suitable for vacuum or for pressures below 0 bar.

Materiali
Corpo: alluminio 11S
Guarnizioni: NBR
Parti interne: ottone OT58

Materials
Body: aluminium 11S
Seals: NBR
Internal parts: brass OT58

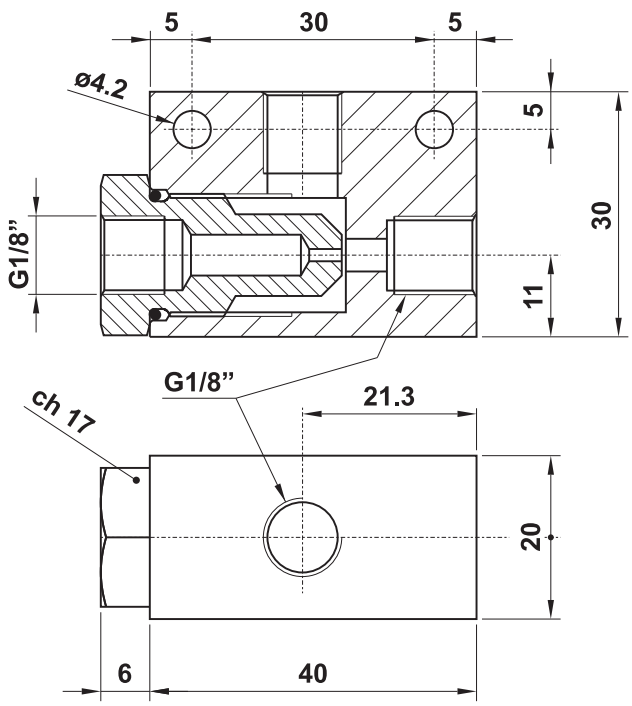
Attacchi / *Ports*	G1/8"
Temperatura di esercizio / *Temperature range*	max +60°C
Pressione di esercizio / *Working pressure*	2 ... 10 bar 0.2 ... 1 MPa
Diametro ugello / *Nozzle orifice*	1.8 mm
Massimo vuoto ottenibile (a 7.5 bar) / *Maximum vacuum capability (at 7.5 bar)*	0.72 bar 0.072 MPa
Fluido / *Fluid*	Aria filtrata 50µ con o senza lubrificazione *50µ filtered, lubricated or non lubricated air*

03.020.4/S

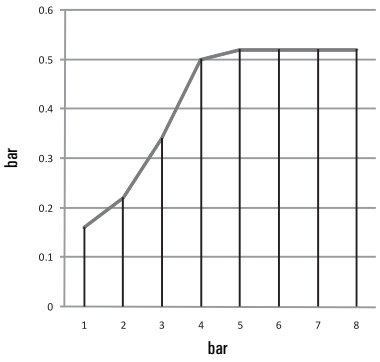


depressore diretto con scarico filettato G1/8"
direct vacuum generator with G1/8" thread on exhaust port

È una valvola semplice e compatta che genera il vuoto all'immissione di aria compressa. Il vuoto cessa immediatamente al venir meno del flusso d'aria.
It is a simple and compact valve which generates a vacuum when compressed air is applied. The vacuum ceases immediately when the air supply is removed.

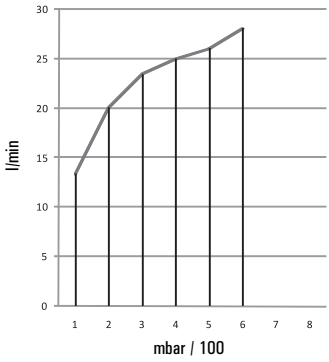


Vuoto in relazione
alla pressione di alimentazione
Vacuum in relation to pressure supply



pressione di alimentazione [bar] / *pressure supply [bar]*	1	2	3	4	5	6	7	8
vuoto massimo [bar] / *maximum vacuum [bar]*	0.16	0.22	0.34	0.5	0.52	0.52	0.52	0.52

Quantità di aria aspirata in relazione al vuoto
Quantity of air drawn by suction, in relation to vacuum



vuoto [bar] / *vacuum [bar]*	0.1	0.2	0.3	0.4	0.5	0.6
quantità di aria aspirata [l/min] / *quantity of air drawn by suction [l/min]*	13.3	20	23.4	24.9	26	28

vuoto [bar] / *vacuum [bar]*	0.1	0.2	0.3	0.4	0.5	0.6
tempo di evacuazione [s/dm³] / *evacuation time [s/dm³]*	4.511	3	2.564	2.409	2.307	2.142

Il tempo di evacuazione è il tempo necessario per evacuare (mettere sotto vuoto) un volume di 1 dm³ a un valore di vuoto specificato.
The evacuation time is the time necessary to evacuate (put under vacuum) a volume of 1 dm³ at a specified value of vacuum.

Può essere utilizzato come generatore di vuoto con le valvole che in questo catalogo sono espressamente indicate come compatibili con il vuoto o con pressioni inferiori a 0 bar.
It can be used as vacuum generator with the valves which are explicitly indicated in this catalogue as suitable for vacuum or for pressures below 0 bar.

Materiali
Corpo: alluminio 11S
Guarnizioni: NBR
Parti interne: ottone OT58

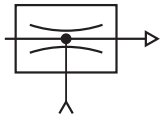
Materials
Body: aluminium 11S
Seals: NBR
Internal parts: brass OT58

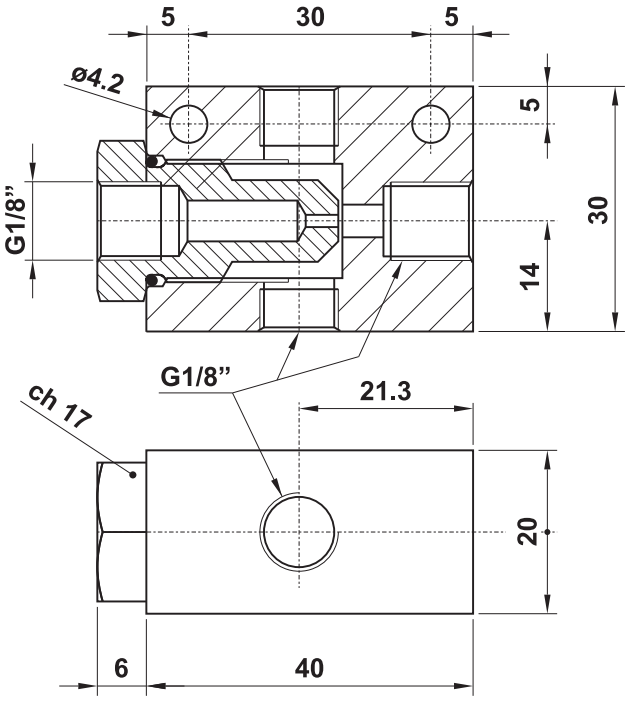
Attacchi / *Ports*	G1/8"
Temperatura di esercizio / *Temperature range*	max +60°C
Pressione di esercizio / *Working pressure*	2 ... 10 bar 0.2 ... 1 MPa
Diametro ugello / *Nozzle orifice*	1.8 mm
Massimo vuoto ottenibile (a 6 bar) / *Maximum vacuum capability (at 6 bar)*	0.52 bar 0.052 MPa
Fluido / *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

03.017.4

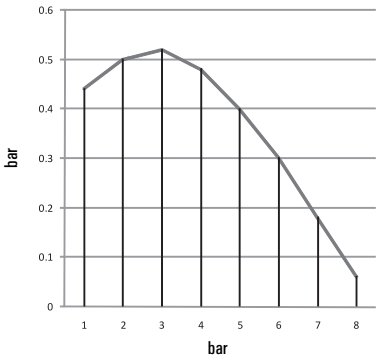
depressore diretto con scarico filettato G1/8" e doppia uscita
direct vacuum generator with G1/8" thread on exhaust port and double exit port

È una valvola semplice e compatta che genera il vuoto all'immissione di aria compressa. Il vuoto cessa immediatamente al venir meno del flusso d'aria.
It is a simple and compact valve which generates a vacuum when compressed air is applied. The vacuum ceases immediately when the air supply is removed.



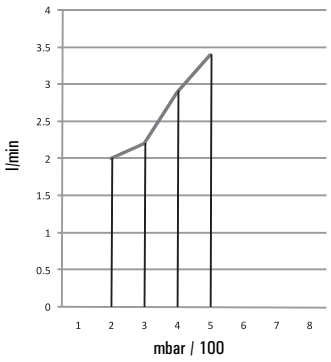


Vuoto in relazione
alla pressione di alimentazione
Vacuum in relation to pressure supply



pressione di alimentazione [bar] / *pressure supply [bar]*	1	2	3	4	5	6	7	8
vuoto massimo [bar] / *maximum vacuum [bar]*	0.44	0.5	0.52	0.48	0.4	0.3	0.18	0.06

Quantità di aria aspirata in relazione al vuoto
Quantity of air drawn by suction, in relation to vacuum



vuoto [bar] / *vacuum [bar]*	0.2	0.3	0.4	0.5
quantità di aria aspirata [l/min] / *quantity of air drawn by suction [l/min]*	2	2.2	2.9	3.4

vuoto [bar] / *vacuum [bar]*	0.2	0.3	0.4	0.5
tempo di evacuazione [s/dm^3] / *evacuation time [s/dm^3]*	30	27.272	20.689	17.647

Il tempo di evacuazione è il tempo necessario per evacuare (mettere sotto vuoto) un volume di 1 dm^3 a un valore di vuoto specificato.
The evacuation time is the time necessary to evacuate (put under vacuum) a volume of 1 dm^3 at a specified value of vacuum.

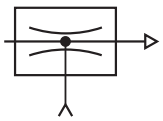
Può essere utilizzato come generatore di vuoto con le valvole che in questo catalogo sono espressamente indicate come compatibili con il vuoto o con pressioni inferiori a 0 bar.
It can be used as vacuum generator with the valves which are explicitly indicated in this catalogue as suitable for vacuum or for pressures below 0 bar.

Materiali
Corpo: alluminio 11S
Guarnizioni: NBR
Parti interne: ottone OT58

Materials
Body: aluminium 11S
Seals: NBR
Internal parts: brass OT58

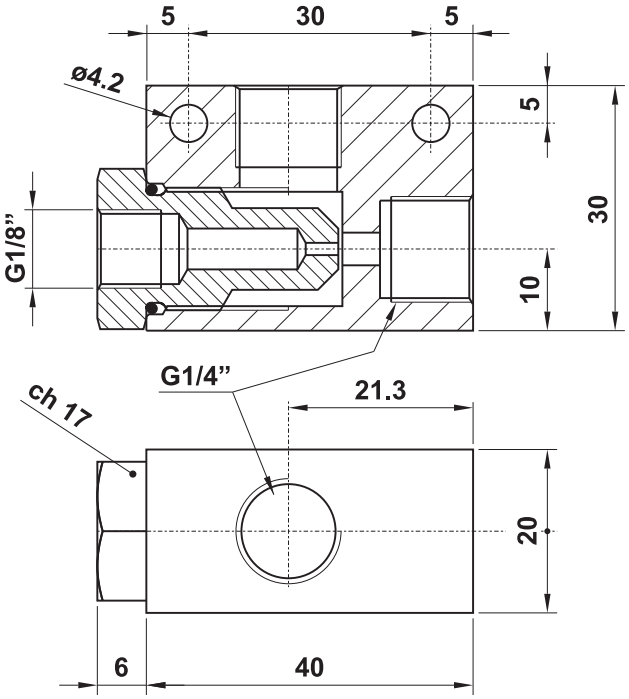
Attacchi / *Ports*	G1/8"
Temperatura di esercizio / *Temperature range*	max +60°C
Pressione di esercizio / *Working pressure*	2 ... 10 bar 0.2 ... 1 MPa
Diametro ugello / *Nozzle orifice*	1.8 mm
Massimo vuoto ottenibile (a 3 bar) / *Maximum vacuum capability (at 3 bar)*	0.52 bar 0.052 MPa
Fluido / *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

03.026.4

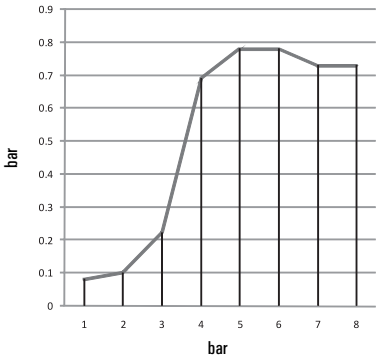


depressore diretto G1/4"
direct vacuum generator with G1/4" ports

È una valvola semplice e compatta che genera il vuoto all'immissione di aria compressa. Il vuoto cessa immediatamente al venir meno del flusso d'aria.
It is a simple and compact valve which generates a vacuum when compressed air is applied. The vacuum ceases immediately when the air supply is removed.

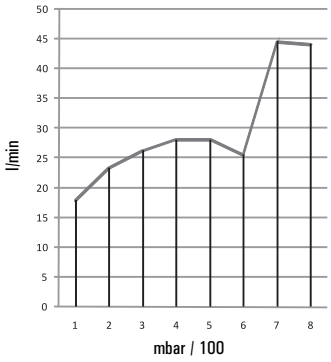


Vuoto in relazione
alla pressione di alimentazione
Vacuum in relation to pressure supply



pressione di alimentazione [bar] / *pressure supply [bar]*	1	2	3	4	5	6	7	8
vuoto massimo [bar] / *maximum vacuum [bar]*	0.08	0.1	0.22	0.69	0.78	0.78	0.73	0.73

Quantità di aria aspirata in relazione al vuoto
Quantity of air drawn by suction, in relation to vacuum



vuoto [bar] / *vacuum [bar]*	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
quantità di aria aspirata [l/min] / *quantity of air drawn by suction [l/min]*	17.8	23.3	26.2	28	28	25.4	44.5	44

vuoto [bar] / *vacuum [bar]*	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
tempo di evacuazione [s/dm³] / *evacuation time [s/dm³]*	3.37	2.575	2.29	2.142	2.142	2.362	1.348	1.363

Il tempo di evacuazione è il tempo necessario per evacuare (mettere sotto vuoto) un volume di 1 dm³ a un valore di vuoto specificato.
The evacuation time is the time necessary to evacuate (put under vacuum) a volume of 1 dm³ at a specified value of vacuum.

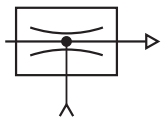
Può essere utilizzato come generatore di vuoto con le valvole che in questo catalogo sono espressamente indicate come compatibili con il vuoto o con pressioni inferiori a 0 bar.
It can be used as vacuum generator with the valves which are explicitly indicated in this catalogue as suitable for vacuum or for pressures below 0 bar.

Materiali
Corpo: alluminio 11S
Guarnizioni: NBR
Parti interne: ottone OT58

Materials
Body: aluminium 11S
Seals: NBR
Internal parts: brass OT58

Attacchi / *Ports*	G1/4"
Temperatura di esercizio / *Temperature range*	max +60°C
Pressione di esercizio / *Working pressure*	2 ... 10 bar 0.2 ... 1 MPa
Diametro ugello / *Nozzle orifice*	1.8 mm
Massimo vuoto ottenibile (a 6 bar) / *Maximum vacuum capability (at 6 bar)*	0.78 bar 0.078 MPa
Fluido / *Fluid*	Aria filtrata 50µ con o senza lubrificazione *50µ filtered, lubricated or non lubricated air*

03.043.4

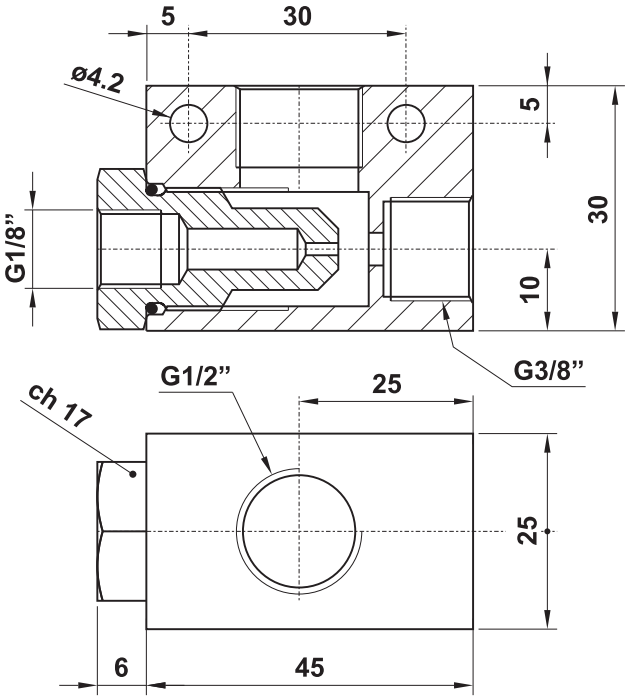


depressore diretto G1/2"

direct vacuum generator with G1/2" port

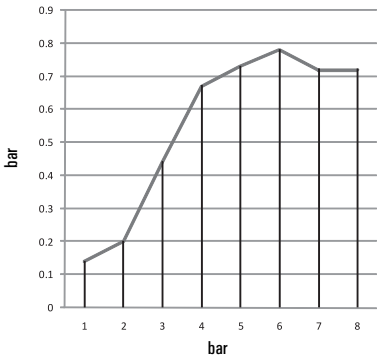
È una valvola semplice e compatta che genera il vuoto all'immissione di aria compressa. Il vuoto cessa immediatamente al venir meno del flusso d'aria.

It is a simple and compact valve which generates a vacuum when compressed air is applied. The vacuum ceases immediately when the air supply is removed.



Vuoto in relazione
alla pressione di alimentazione

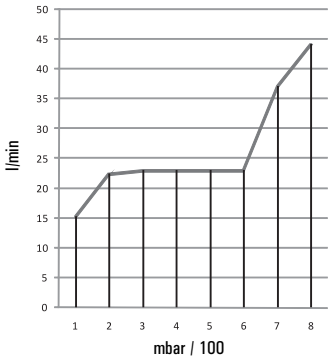
Vacuum in relation to pressure supply



pressione di alimentazione [bar]	1	2	3	4	5	6	7	8
pressure supply [bar]								
vuoto massimo [bar]	0.14	0.2	0.44	0.67	0.73	0.78	0.72	0.72
maximum vacuum [bar]								

Quantità di aria aspirata in relazione al vuoto

Quantity of air drawn by suction, in relation to vacuum



vuoto [bar]	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
vacuum [bar]								
quantità di aria aspirata [l/min]	15.2	22.4	23	23	23	23	37	44
quantity of air drawn by suction [l/min]								

vuoto [bar]	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
vacuum [bar]								
tempo di evacuazione [s/dm^3]	3.947	2.678	2.608	2.608	2.608	2.608	1.621	1.363
evacuation time [s/dm^3]								

Il tempo di evacuazione è il tempo necessario per evacuare (mettere sotto vuoto) un volume di 1 dm^3 a un valore di vuoto specificato.

The evacuation time is the time necessary to evacuate (put under vacuum) a volume of 1 dm^3 at a specified value of vacuum.

Può essere utilizzato come generatore di vuoto con le valvole che in questo catalogo sono espressamente indicate come compatibili con il vuoto o con pressioni inferiori a 0 bar.

It can be used as vacuum generator with the valves which are explicitly indicated in this catalogue as suitable for vacuum or for pressures below 0 bar.

Materiali

Corpo: alluminio 11S
Guarnizioni: NBR
Parti interne: ottone OT58

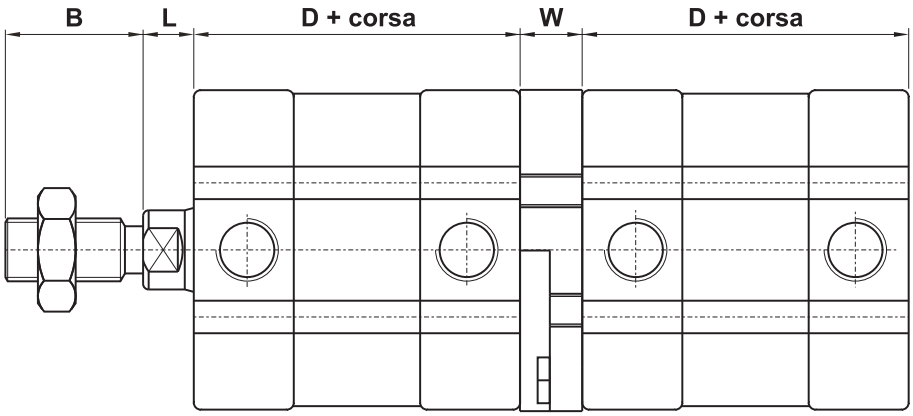
Materials

Body: aluminium 11S
Seals: NBR
Internal parts: brass OT58

Attacchi *Ports*	G1/2" - G3/8"
Temperatura di esercizio *Temperature range*	max +60°C
Pressione di esercizio *Working pressure*	2 ... 10 bar 0.2 ... 1 MPa
Diametro ugello *Nozzle orifice*	1.8 mm
Massimo vuoto ottenibile (a 6 bar) *Maximum vacuum capability (at 6 bar)*	0.78 bar 0.078 MPa
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

TANDEM IN SPINTA STELO MASCHIO COMUNE

tandem cylinder, one piston rod, male thread



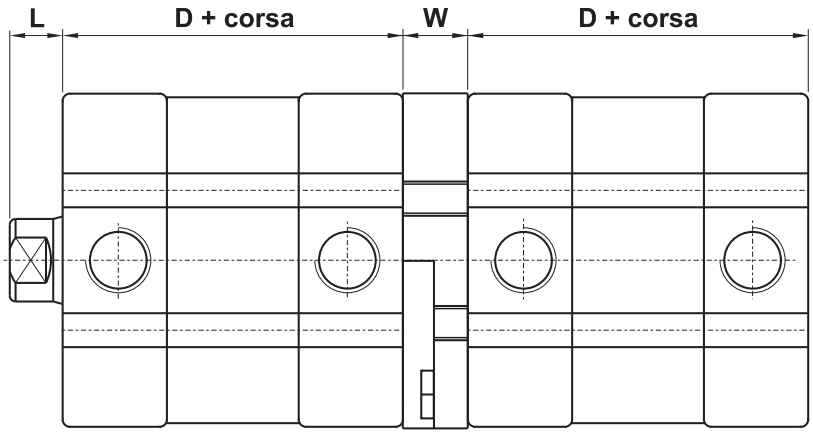
ø	B	D	L	W
32	22	46	7	10.5
40	22	46	7	12.5
50	24	50	8	12.5
63	24	53	8	13.5
80	32	56	10	15
100	40	67	10	15

Esempio di codifica
Example of order code

ISO:
P31**F**20320050
UNITOP:
R31**F**20320050

TANDEM IN SPINTA STELO FEMMINA COMUNE

tandem cylinder, one piston rod, female thread



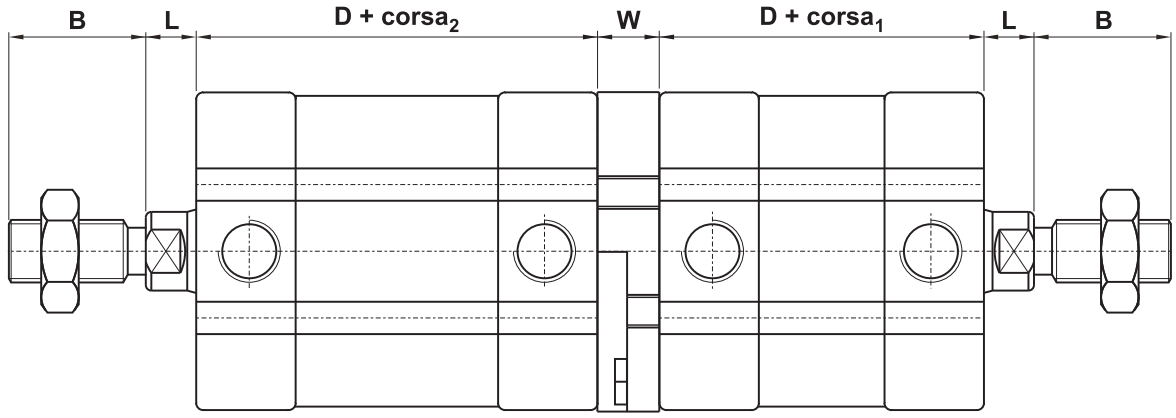
ø	D	L	W
32	46	7	10.5
40	46	7	12.5
50	50	8	12.5
63	53	8	13.5
80	56	10	15
100	67	10	15

Esempio di codifica
Example of order code

ISO:
P11**F**20320050
UNITOP:
R11**F**20320050

CONTRAPPOSTO STELO MASCHIO

opposite twin cylinder, male thread



ø	B	D	L	W
32	22	46	7	10.5
40	22	46	7	12.5
50	24	50	8	12.5
63	24	53	8	13.5
80	32	56	10	15
100	40	67	10	15

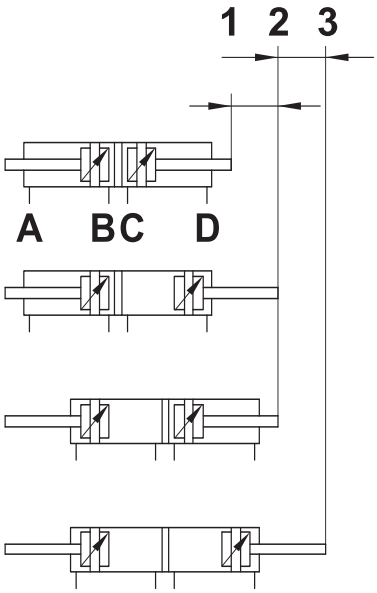
Esempio di codifica
Example of order code

ISO:
P31**D**20320050/0080
$\overline{\text{corsa}_1}$ $\overline{\text{corsa}_2}$

UNITOP:
R31**D**20320050/0080
$\overline{\text{corsa}_1}$ $\overline{\text{corsa}_2}$

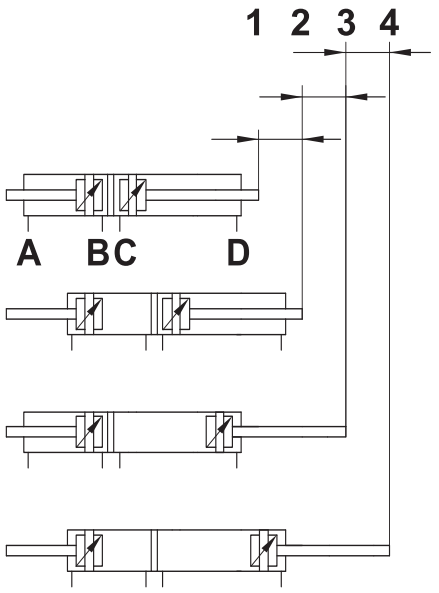
Contrapposto a 3 posizioni
Opposite twin cylinder with 3 positions

Per questa configurazione le due parti del cilindro contrapposto devono avere la stessa corsa.
To achieve this configuration two cylinders of identical stroke length must be connected together.



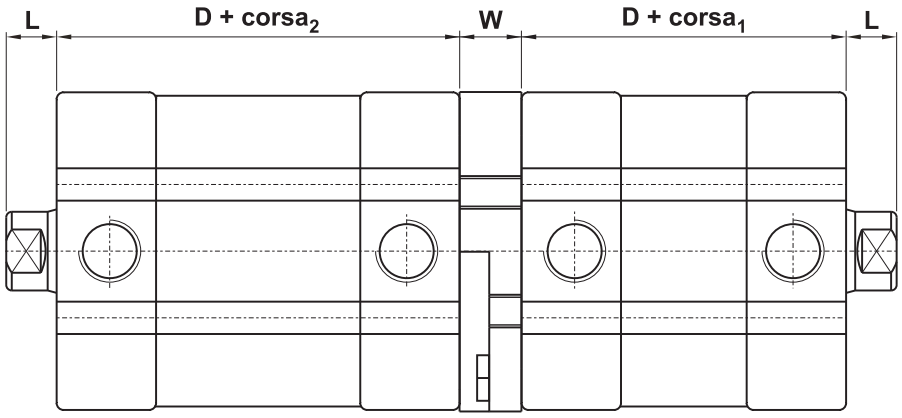
Contrapposto a 4 posizioni
Opposite twin cylinder with 4 positions

Per questa configurazione le due parti del cilindro contrapposto devono avere corse differenti.
To achieve this configuration two cylinders of different stroke length must be connected together.



CONTRAPPOSTO STELO FEMMINA

opposite twin cylinder, female thread



ø	D	L	W
32	46	7	10.5
40	46	7	12.5
50	50	8	12.5
63	53	8	13.5
80	56	10	15
100	67	10	15

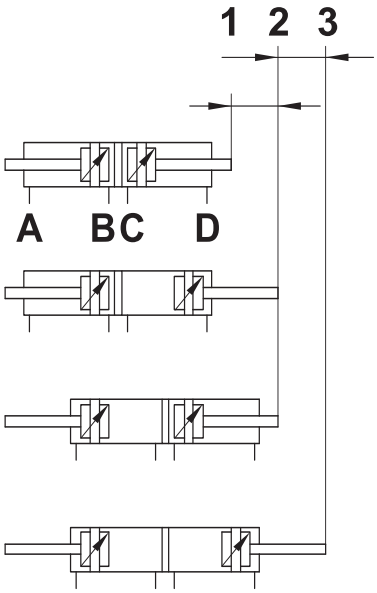
Esempio di codifica
Example of order code

ISO:
P11**D**20320050/0080
$\overline{\text{corsa}_1}$ $\overline{\text{corsa}_2}$

UNITOP:
R11**D**20320050/0080
$\overline{\text{corsa}_1}$ $\overline{\text{corsa}_2}$

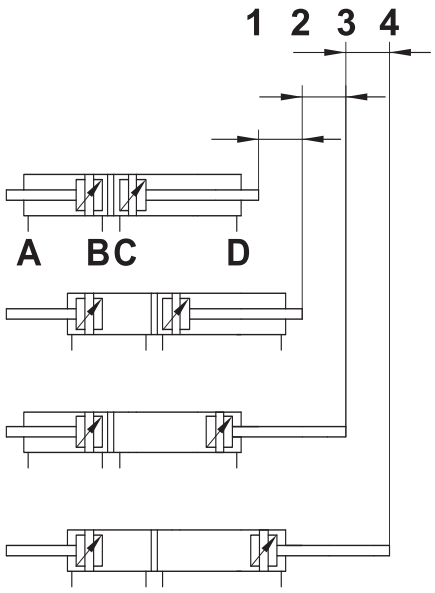
Contrapposto a 3 posizioni
Opposite twin cylinder with 3 positions

Per questa configurazione le due parti del cilindro contrapposto devono avere la stessa corsa.
To achieve this configuration two cylinders of identical stroke length must be connected together.



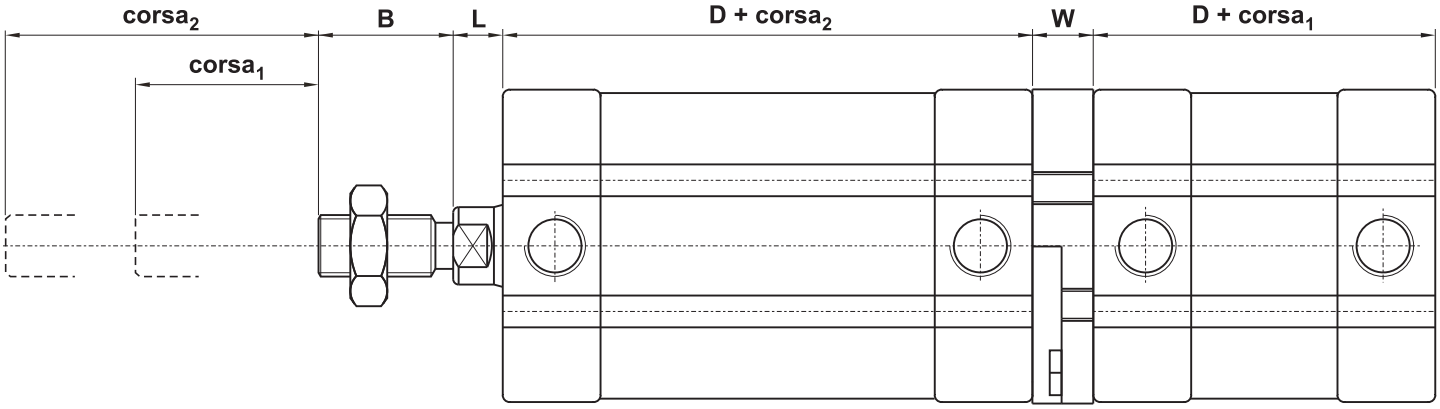
Contrapposto a 4 posizioni
Opposite twin cylinder with 4 positions

Per questa configurazione le due parti del cilindro contrapposto devono avere corse differenti.
To achieve this configuration two cylinders of different stroke length must be connected together.



TANDEM IN SPINTA STELI INDIPENDENTI A PIÙ POSIZIONI, STELO MASCHIO

tandem cylinder with more positions, independent piston rods, male thread



ø	B	D	L	W
32	22	46	7	10.5
40	22	46	7	12.5
50	24	50	8	12.5
63	24	53	8	13.5
80	32	56	10	15
100	40	67	10	15

Esempio di codifica

Example of order code

ISO:

P31**H**20320050/0080

corsa$_1$ corsa$_2$

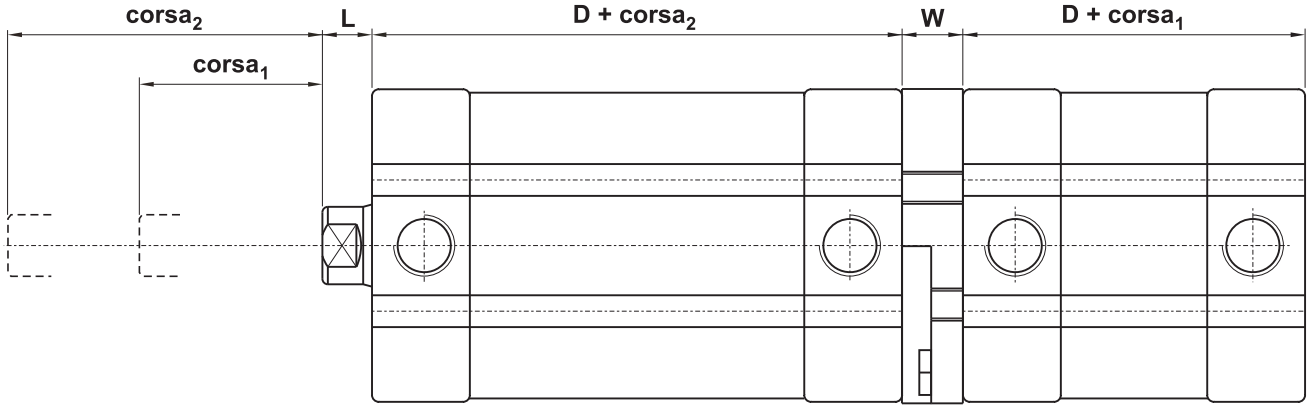
UNITOP:

R31**H**20320050/0080

corsa$_1$ corsa$_2$

TANDEM IN SPINTA STELI INDIPENDENTI A PIÙ POSIZIONI, STELO FEMMINA

tandem cylinder with more positions, independent piston rods, female thread



ø	D	L	W
32	46	7	10.5
40	46	7	12.5
50	50	8	12.5
63	53	8	13.5
80	56	10	15
100	67	10	15

Esempio di codifica

Example of order code

ISO:

P11**H**20320050/0080

corsa$_1$ corsa$_2$

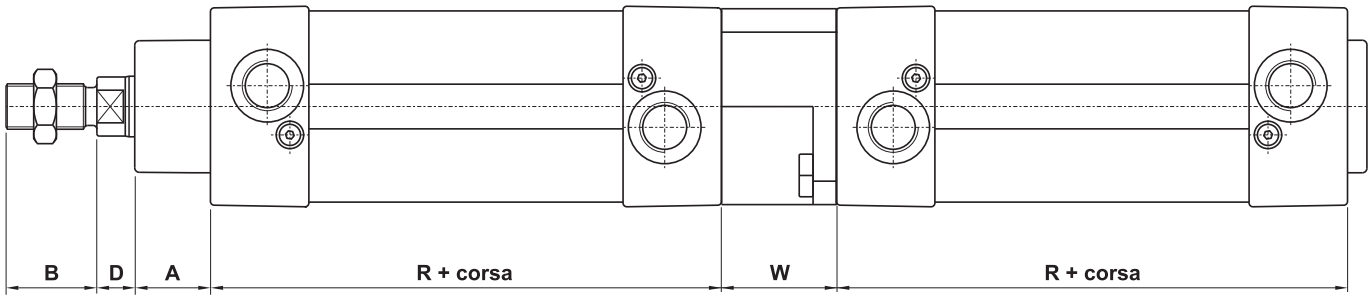
UNITOP:

R11**H**20320050/0080

corsa$_1$ corsa$_2$

TANDEM IN SPINTA STELO COMUNE

tandem cylinder, one piston rod



ø	A	B	D	R	W
32	16	22	10	94	27
40	20	24	10	105	27
50	25	32	12	106	32
63	25	32	12	121	28
80	32.5	40	13.5	128	38
100	35	40	16	138	38
125	40	54	25	160	44

Esempio di codifica

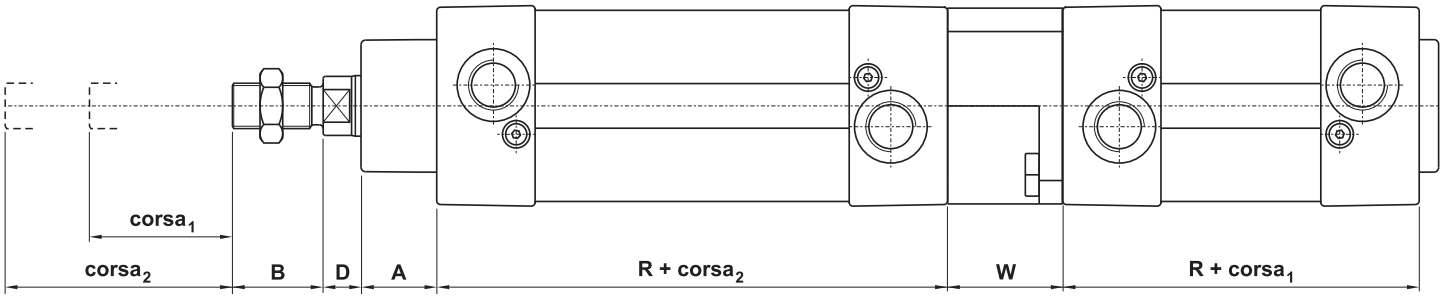
Example of order code

N11**F**20320100

E11**F**20320100

TANDEM IN SPINTA STELI INDIPENDENTI A PIÙ POSIZIONI

tandem cylinder with more positions, independent piston rods



ø	A	B	D	R	W
32	16	22	10	94	27
40	20	24	10	105	27
50	25	32	12	106	32
63	25	32	12	121	28
80	32.5	40	13.5	128	38
100	35	40	16	138	38
125	40	54	25	160	44

Esempio di codifica

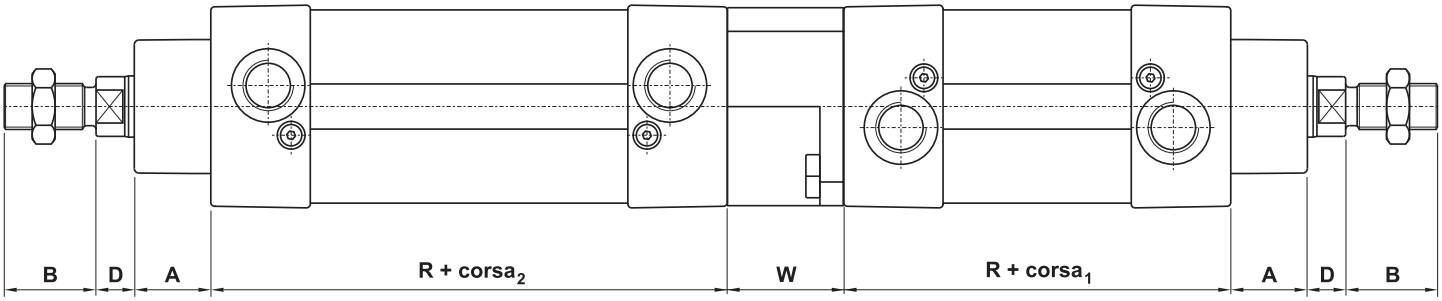
Example of order code

N11**H**20320100/0150
($\overline{\text{corsa}_1}$ $\overline{\text{corsa}_2}$)

E11**H**20320100/0150
($\overline{\text{corsa}_1}$ $\overline{\text{corsa}_2}$)

CONTRAPPOSTO

opposite twin cylinder



ø	A	B	D	R	W
32	16	22	10	94	27
40	20	24	10	105	27
50	25	32	12	106	32
63	25	32	12	121	28
80	32.5	40	13.5	128	38
100	35	40	16	138	38
125	40	54	25	160	44

Esempio di codifica

Example of order code

N11**D**20320100/0150

$\overline{\text{corsa}_1}$ $\overline{\text{corsa}_2}$

E11**D**20320100/0150

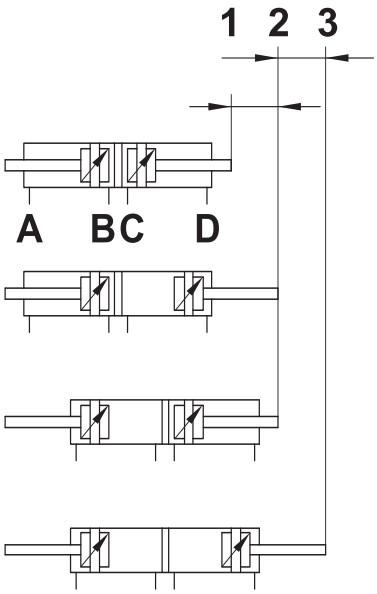
$\overline{\text{corsa}_1}$ $\overline{\text{corsa}_2}$

Contrapposto a 3 posizioni

Opposite twin cylinder with 3 positions

Per questa configurazione le due parti del cilindro contrapposto devono avere la stessa corsa.

To achieve this configuration two cylinders of identical stroke length must be connected together.

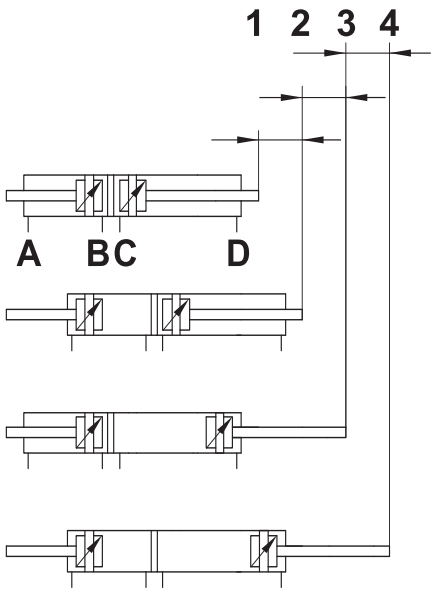


Contrapposto a 4 posizioni

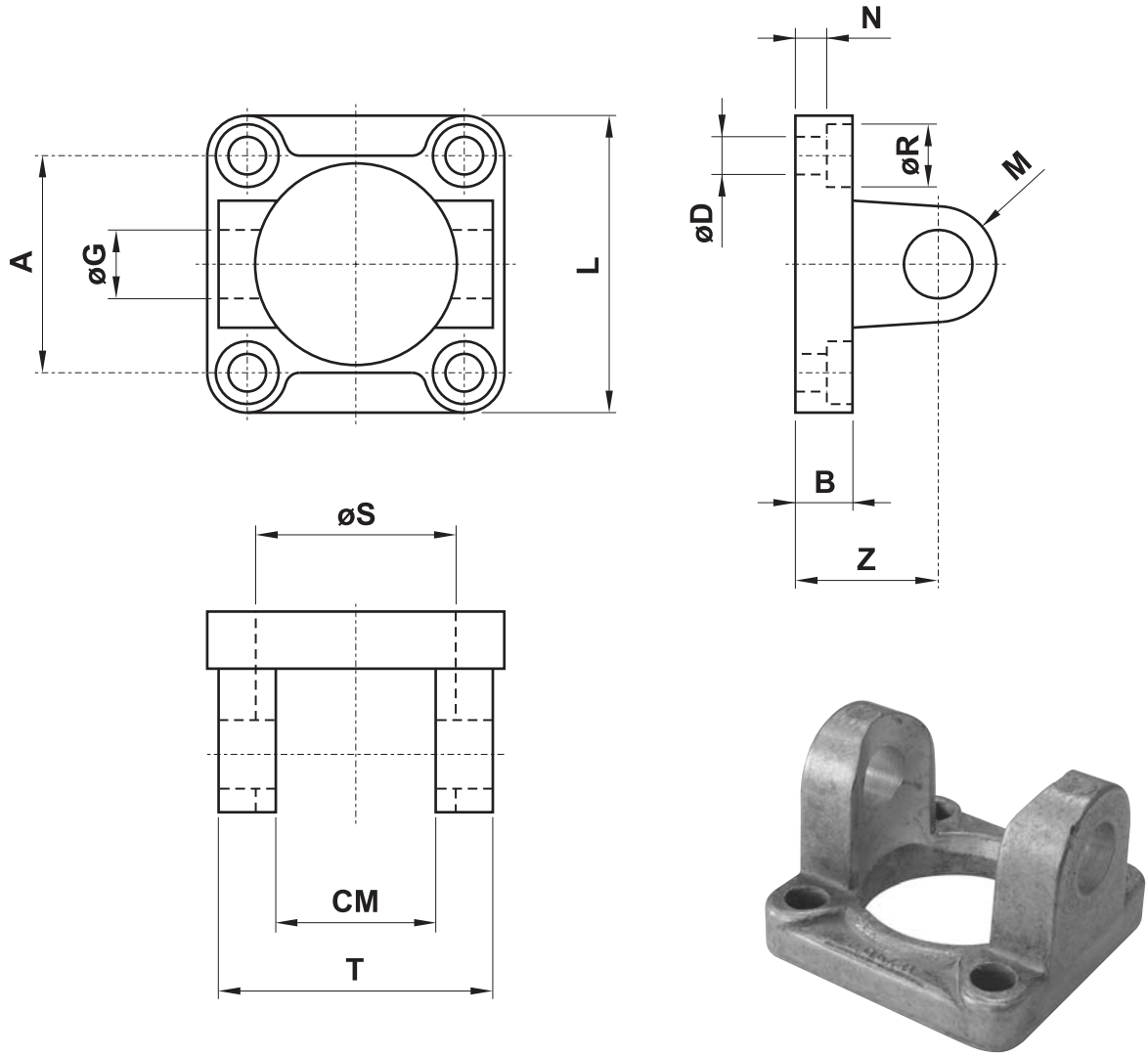
Opposite twin cylinder with 4 positions

Per questa configurazione le due parti del cilindro contrapposto devono avere corse differenti.

To achieve this configuration two cylinders of different stroke length must be connected together.



CERNIERA FEMMINA ANTERIORE CON FORO, SENZA PERNO
(female front hinge with passing-through hole, without pin)



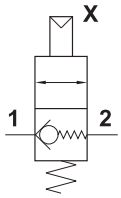
sigla *part number* standard	per alesaggio *for bore*	A	B	CM	D	G	L	M	N	R	S	T	Z
CAIS032SP	32	32.5	9	26	6.6	10	45	10	5.5	11	30	45	22
CAIS040SP	40	38	9	28	6.6	12	52	12	5.5	11	35	52	25
CAIS050SP	50	46.5	11	32	9	12	65	12	6.5	15	40	60	27
CAIS063SP	63	56.5	11	40	9	16	75	16	6.5	15	45	70	32
CAIS080SP	80	72	14	50	11	16	95	16	10	18	45	90	36
CAIS100SP	100	89	14	60	11	20	115	20	10	18	55	110	41
CAIS125SP	125	110	20	70	14	25	140	25	10	20	60	130	50

valvole di blocco a comando pneumatico G1/8"

pneumatically piloted stop valves - G1/8"

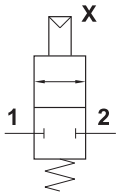
11.044.4

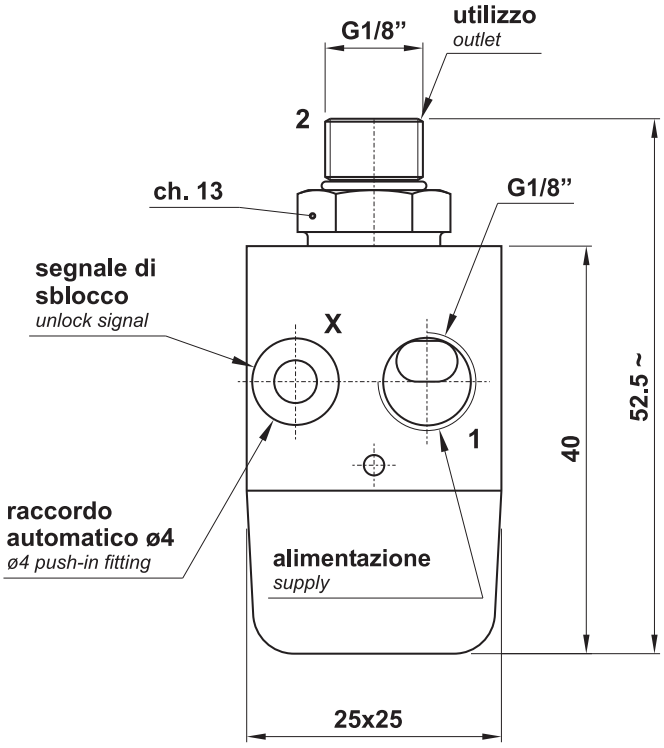
valvola di non ritorno a sblocco pneumatico con attacchi G1/8"
non-return valve with pneumatic unlock - ports G1/8"



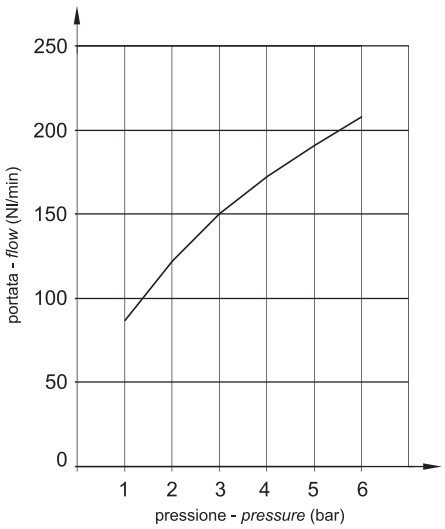
11.066.4

valvola di blocco a comando pneumatico con attacchi G1/8"
pneumatically piloted stop valve - ports G1/8"





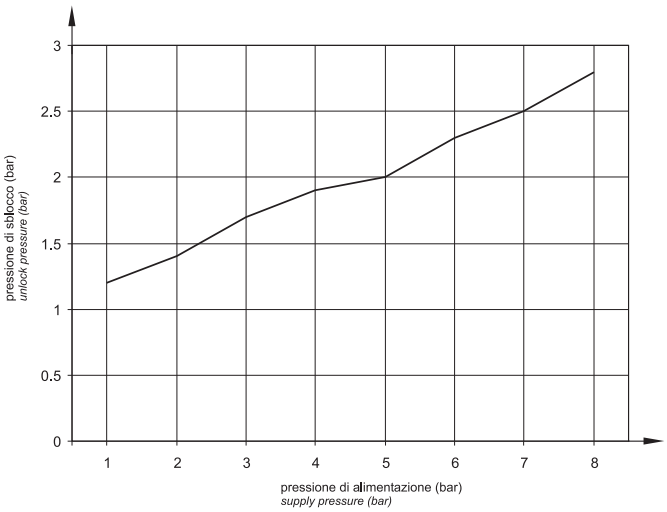
Portata della valvola in funzione della pressione di alimentazione
Flow rate related to supply pressure



Materiali
Corpo: alluminio 11S
Fondello: DELRIN
Molle: INOX
Guarnizioni: NBR
Parti interne: ottone OT58

Materials
Main body: aluminium 11S
Lower body: DELRIN
Springs: stainless steel
Seals: NBR
Internal parts: brass OT58

Pressione di sblocco in funzione della pressione di alimentazione
Unlock pressure related to supply pressure



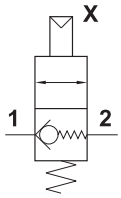
Attacchi: alimentazione e utilizzo *Ports: supply and outlet*	G1/8"
Attacchi: segnale di sblocco *Ports: unlock signal*	automatico ø4 *ø4 push-in*
Diametro nominale *Nominal orifice*	3.5 mm
Temperatura di esercizio *Temperature range*	max +60°C
Pressione di esercizio *Working pressure*	max 10 bar max 1 MPa
Fluido *Fluid*	Aria filtrata 50µ con o senza lubrificazione *50µ filtered, lubricated or non lubricated air*

valvole di blocco a comando pneumatico G1/4"

pneumatically piloted stop valves - G1/4"

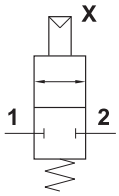
11.076.4

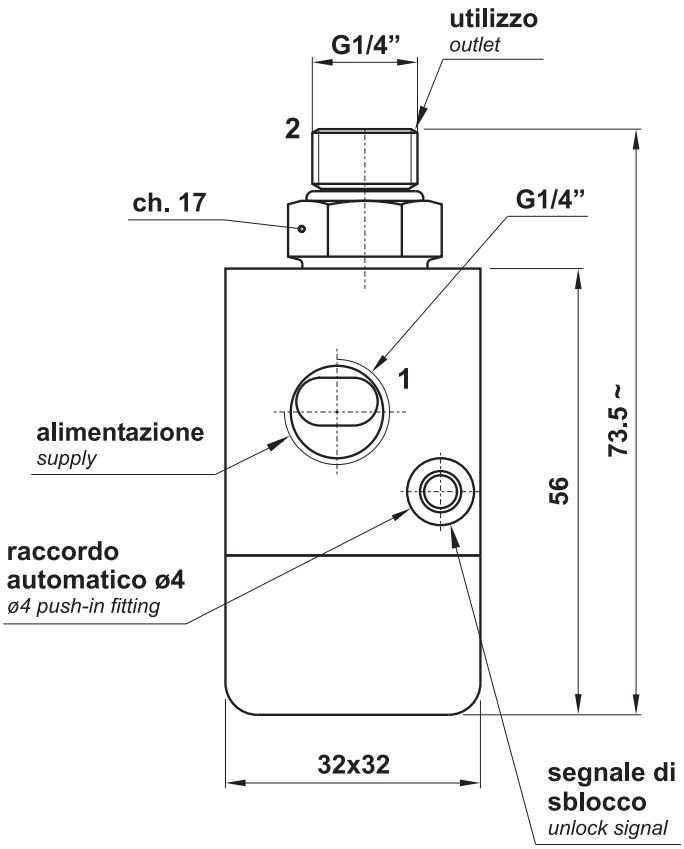
valvola di non ritorno a sblocco pneumatico con attacchi G1/4"
non-return valve with pneumatic unlock - ports G1/4"



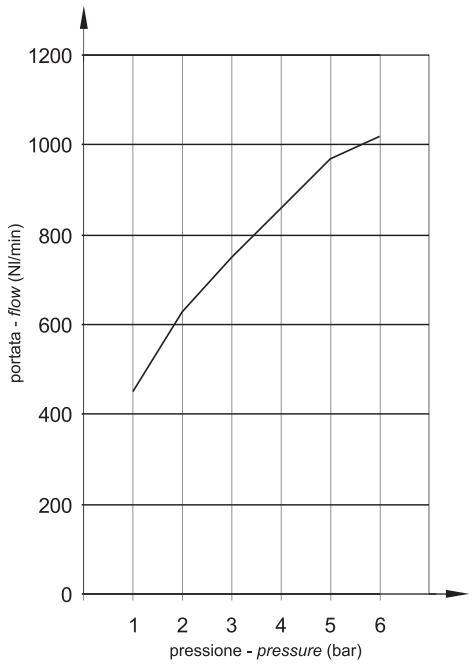
11.077.4

valvola di blocco a comando pneumatico con attacchi G1/4"
pneumatically piloted stop valve - ports G1/4"





Portata della valvola in funzione della pressione di alimentazione
Flow rate related to supply pressure

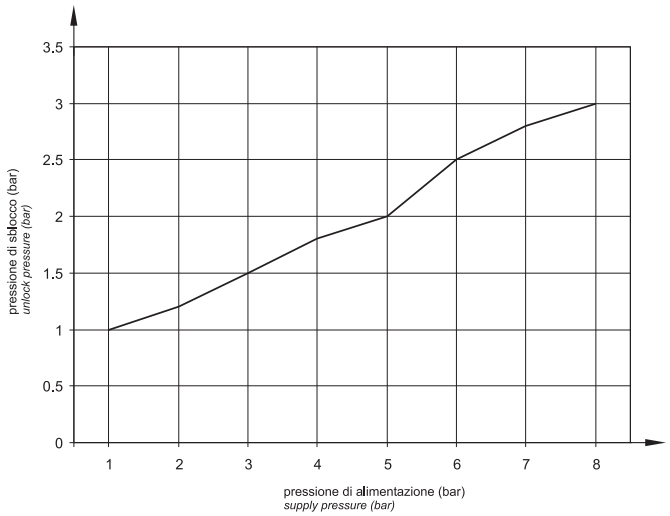


Materiali
Corpo: alluminio 11S
Fondello: alluminio 11S
Molle: INOX
Guarnizioni: NBR
Parti interne: ottone OT58

Materials
Main body: aluminium 11S
Lower body: aluminium 11S
Springs: stainless steel
Seals: NBR
Internal parts: brass OT58

Attacchi: alimentazione e utilizzo *Ports: supply and outlet*	G1/4"
Attacchi: segnale di sblocco *Ports: unlock signal*	automatico ø4 *ø4 push-in*
Diametro nominale *Nominal orifice*	7 mm
Temperatura di esercizio *Temperature range*	max +60°C
Pressione di esercizio *Working pressure*	max 10 bar max 1 MPa
Fluido *Fluid*	Aria filtrata 50µ con o senza lubrificazione *50µ filtered, lubricated or non lubricated air*

Pressione di sblocco in funzione della pressione di alimentazione
Unlock pressure related to supply pressure



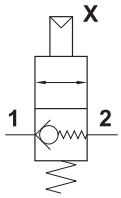
valvole di blocco a comando pneumatico G3/8"

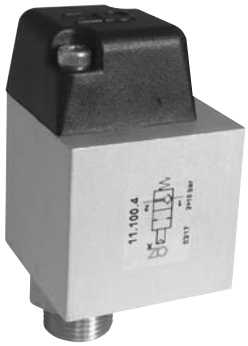
pneumatically piloted stop valves - G3/8"

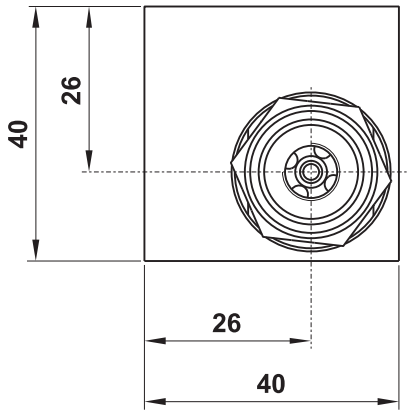
11.100.4

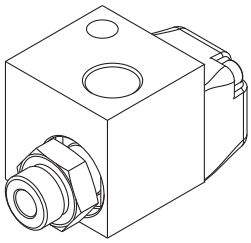
valvola di non ritorno a sblocco pneumatico con attacchi G3/8"

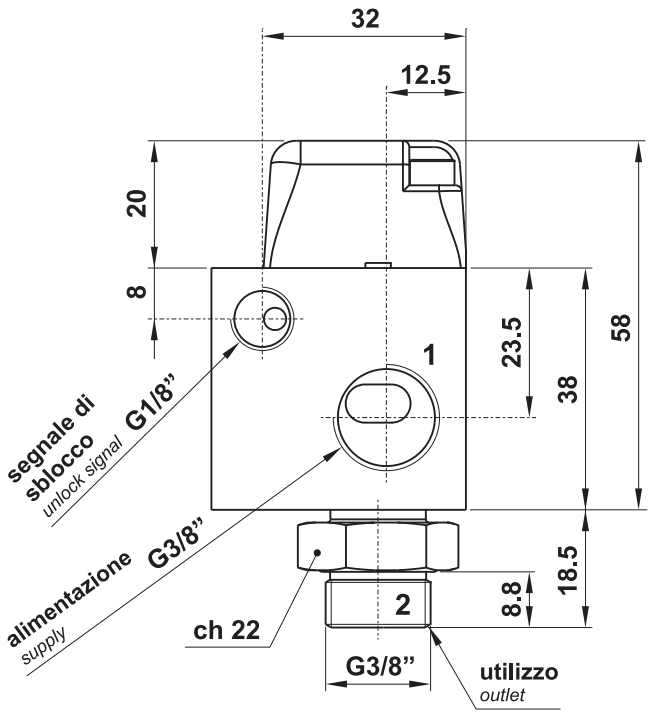
non-return valve with pneumatic unlock - ports G3/8"





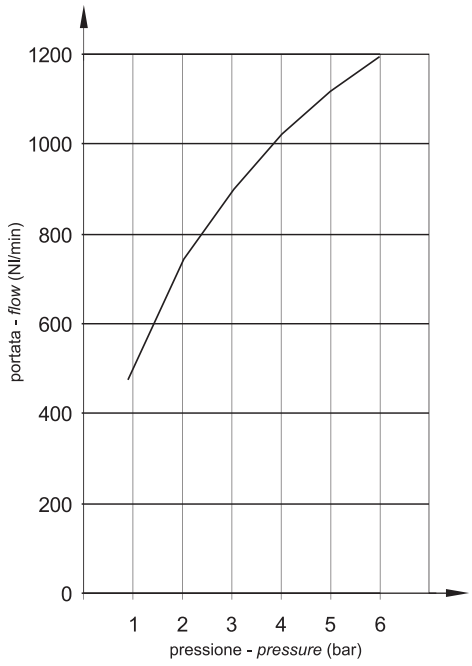






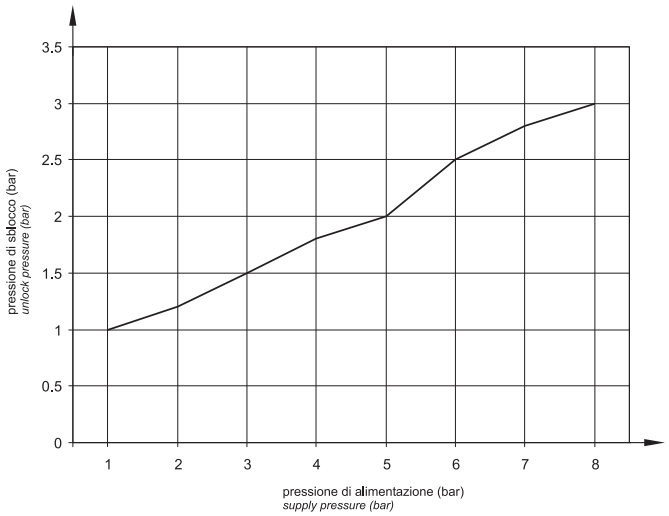
Portata della valvola in funzione della pressione di alimentazione

Flow rate related to supply pressure



Pressione di sblocco in funzione della pressione di alimentazione

Unlock pressure related to supply pressure



Materiali

Corpo: alluminio 11S
Fondello: alluminio 11S
Molle: INOX
Guarnizioni: NBR
Parti interne: ottone OT58

Materials

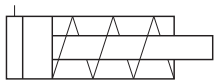
Main body: aluminium 11S
Lower body: aluminium 11S
Springs: stainless steel
Seals: NBR
Internal parts: brass OT58

Attacchi: alimentazione e utilizzo *Ports: supply and outlet*	G3/8"
Attacchi: segnale di sblocco *Ports: unlock signal*	G1/8"
Diametro nominale *Nominal orifice*	10 mm
Temperatura di esercizio *Temperature range*	max +60°C
Pressione di esercizio *Working pressure*	max 10 bar max 1 MPa
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

cilindri pressori

clamping cylinders

- Cilindri semplice effetto antirotazione, molla anteriore
  Single acting front spring cylinders, anti-rotation



- Non magnetici
  Non magnetic

- Ottimi per il serraggio dei pezzi da tagliare su macchine troncatrici per alluminio o legno
  Very good cylinders to clamp the pieces in sawing machines for aluminium or wood

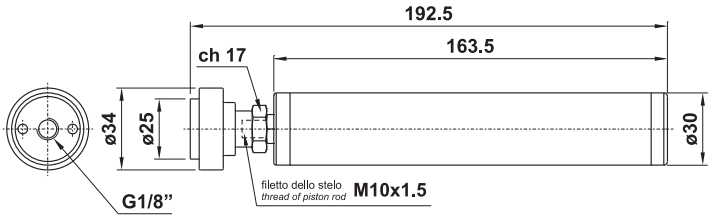
modello *model*	alesaggio interno *internal bore*	corsa *stroke*	esecuzione *execution*
17.066.0	25 mm	8 mm	con tampone di spinta *[with pushing pad]*
17.062.0	25 mm	75 mm	con tampone di spinta *[with pushing pad]*
17.067.0	25 mm	110 mm	con tampone di spinta *[with pushing pad]*
17.068.0	35 mm	8 mm	con tampone di spinta *[with pushing pad]*
17.060.0	35 mm	75 mm	con tampone di spinta *[with pushing pad]*
17.061.0	35 mm	110 mm	con tampone di spinta *[with pushing pad]*
17.069.0	35 mm	75 mm	con tampone di spinta e testata anteriore filettata *[with pushing pad and threaded front end cap]*

Materiali
Corpo: alluminio anodizzato
Stelo: AVP zincato
Guarnizioni: NBR e poliuretano

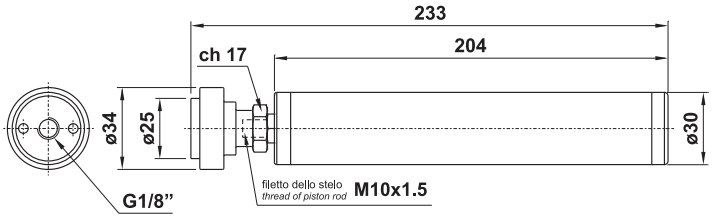
Materials
Body: aluminium (anodize treatment)
Piston-rod: zinc plated AVP iron
Sealings: NBR and polyurethane

Pressione di esercizio *Working pressure*	2 ... 10 bar 0.2 ... 1 MPa
Temperatura di esercizio *Temperature range*	max +60°C
Alesaggi interni *Internal bores*	25; 35 mm
Corse *Strokes*	8; 75; 110 mm
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

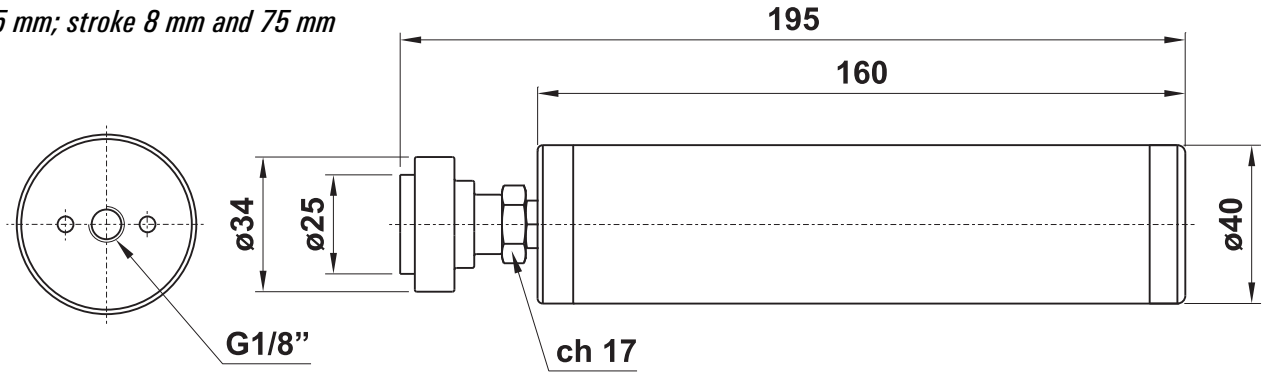
alesaggio interno 25 mm; corsa 8 mm e 75 mm
internal bore 25 mm; stroke 8 mm and 75 mm



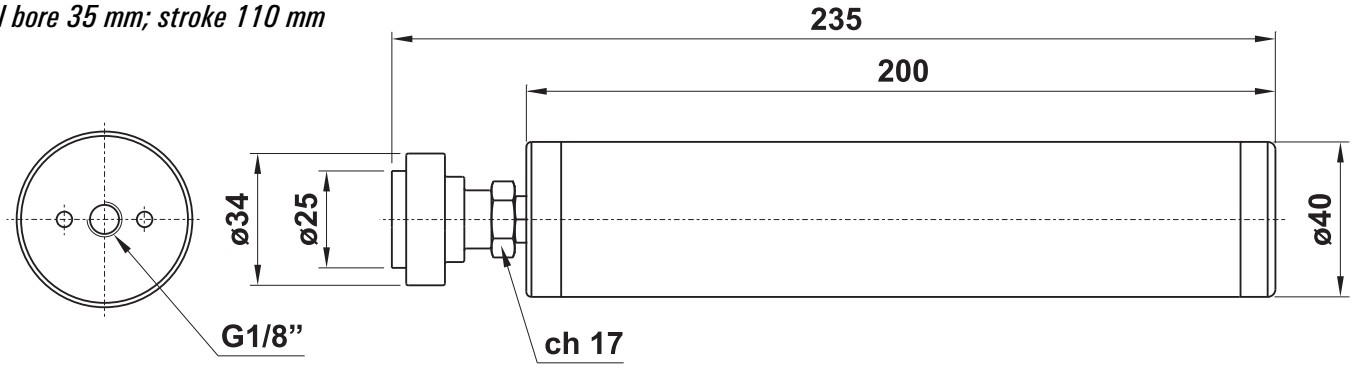
alesaggio interno 25 mm; corsa 110 mm
internal bore 25 mm; stroke 110 mm



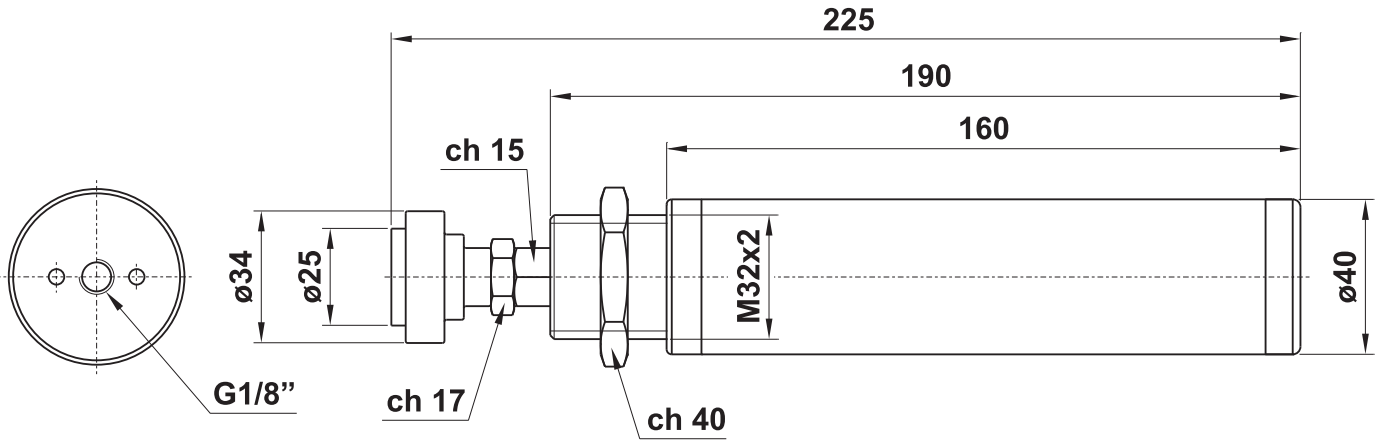
alesaggio interno 35 mm; corsa 8 mm e 75 mm
internal bore 35 mm; stroke 8 mm and 75 mm



alesaggio interno 35 mm; corsa 110 mm
internal bore 35 mm; stroke 110 mm



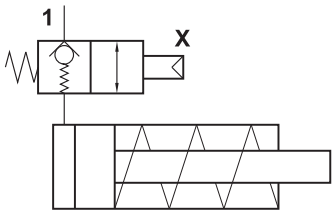
alesaggio interno 35 mm; corsa 75 mm; testata filettata
internal bore 35 mm; stroke 75 mm; threaded front end cup



cilindri pressori con valvola di blocco integrata

clamping cylinders with integrated pneumatically piloted stop valve

- Cilindri semplice effetto antirotazione, molla anteriore
  Single acting front spring cylinders, anti-rotation
- Non magnetici
  Non magnetic
- Ottimi per il serraggio dei pezzi da tagliare su macchine troncatrici per alluminio o legno
  Very good cylinders to clamp the pieces in sawing machines for aluminium or wood
- Valvola di blocco a comando pneumatico G1/8" integrata (per maggiori informazioni vedi pag. 93 di questo catalogo)
  Integrated pneumatically piloted G1/8" stop valve (for more information refer to page 93 of this catalogue)



modello *model*	alesaggio interno *internal bore*	corsa *stroke*	esecuzione *execution*
17.005.4	35 mm	8 mm	con tampone di spinta *[with pushing pad]*
17.006.4	35 mm	75 mm	con tampone di spinta *[with pushing pad]*
17.007.4	35 mm	110 mm	con tampone di spinta *[with pushing pad]*
17.008.4	35 mm	75 mm	con tampone di spinta e testata anteriore filettata *[with pushing pad and threaded front end cap]*

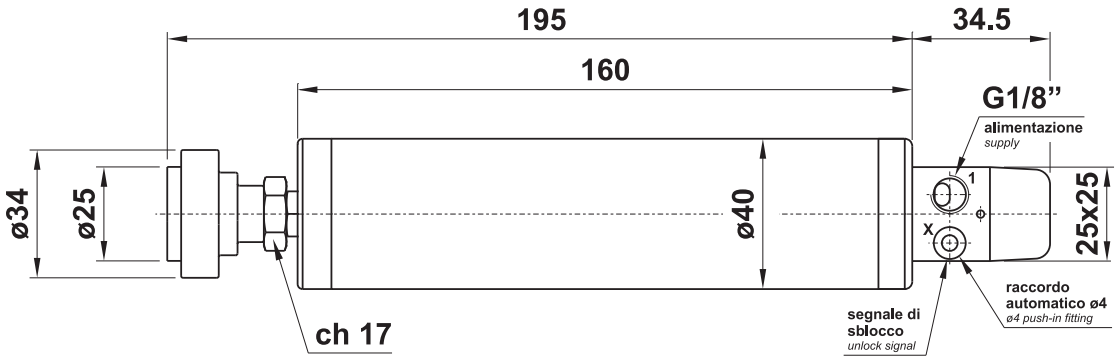
Materiali
Corpo: alluminio anodizzato
Stelo: AVP zincato
Guarnizioni: NBR e poliuretano

Materials
Body: aluminium (anodize treatment)
Piston-rod: zinc plated AVP iron
Sealings: NBR and polyurethane

Pressione di esercizio *Working pressure*	2 ... 10 bar 0.2 ... 1 MPa
Temperatura di esercizio *Temperature range*	max +60°C
Alesaggi interni *Internal bores*	35 mm
Corse *Strokes*	8; 75; 110 mm
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

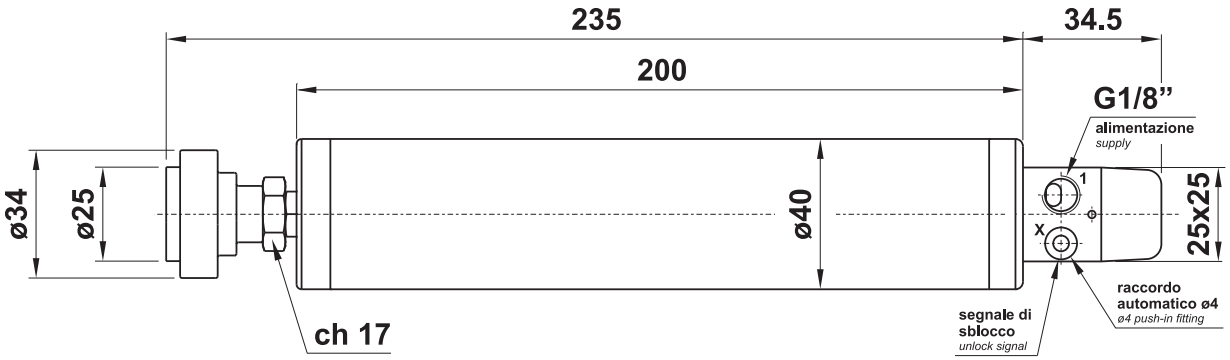
alesaggio interno 35 mm; corsa 8 mm e 75 mm

internal bore 35 mm; stroke 8 mm and 75 mm



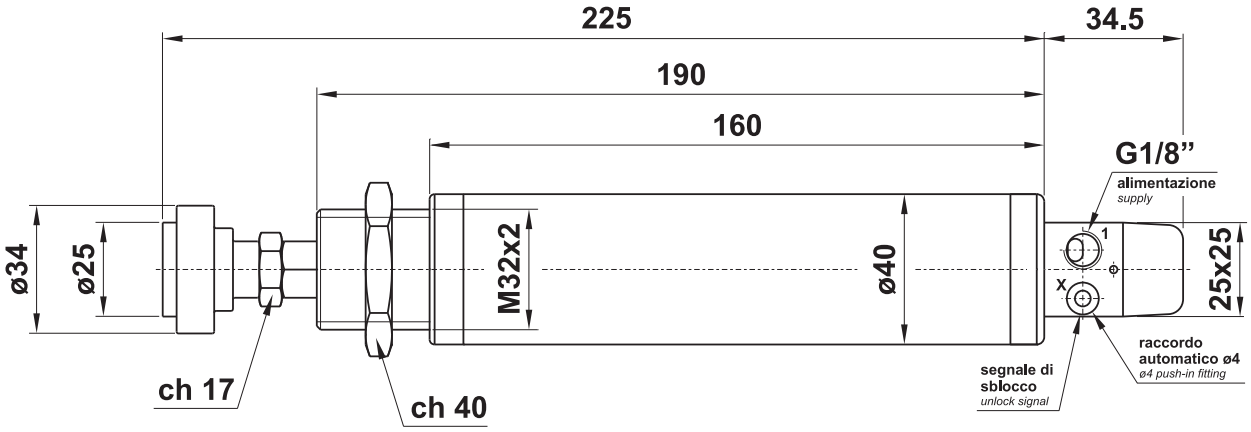
alesaggio interno 35 mm; corsa 110 mm

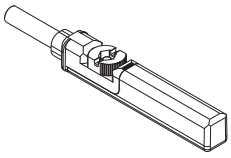
internal bore 35 mm; stroke 110 mm



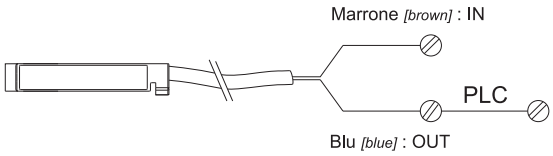
alesaggio interno 35 mm; corsa 75 mm; testata filettata

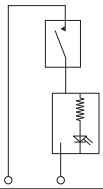
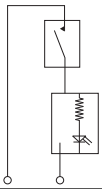
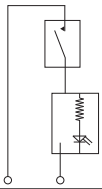
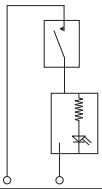
internal bore 35 mm; stroke 75 mm; threaded front end cup

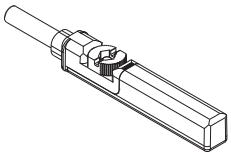




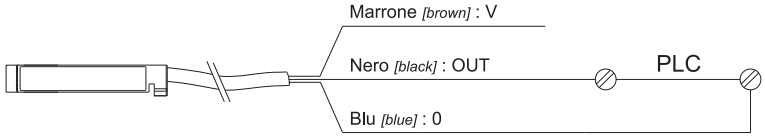
Schema di collegamento: 2 fili
Wiring diagram: 2 wires

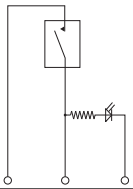
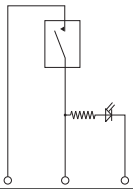
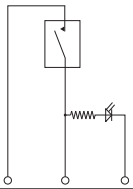
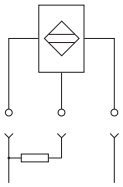
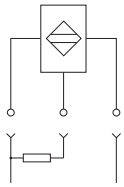


Modello *Model*	**R2A-2** **26.550.0**	**R2A-5** **26.551.0**	**R2A-M8** **26.552.0**	**R2AS-2** **26.553.0**
Funzione *Function*	Reed NA *Reed NO* 	Reed NA *Reed NO* 	Reed NA *Reed NO* 	Reed NA *Reed NO* 
Numero fili *Number of wires*	2	2	2	2
Lunghezza fili *Length of wires*	2 m PVC	5 m PVC	30 cm PUR	2 m PVC
Connettore *Connector*	-	-	M8	-
Tensione di esercizio *Working tension*	5-130V AC-DC	5-130V AC-DC	5-50V AC-DC	5-230V AC-DC
Corrente massima *Max. current*	100 mA	100 mA	100 mA	100 mA
Potenza massima *Max. power*	6 W	6 W	6 W	6 W
Massima caduta di tensione *Maximum tension drop*	3.5 V	3.5 V	3.5 V	3.5 V
Sezione del filo (PVC) *Wire section (PVC)*	2 x 0.12 mm^2	2 x 0.12 mm^2	2 x 0.14 mm^2	2 x 0.12 mm^2
Resistenza alle vibrazioni e agli urti *Vibration and shock resistance*	30 g, 11 ms 10 ... 55 Hz, 1 mm			
Temperatura di esercizio *Temperature range*	-30 ... +70°C			
Frequenza massima di commutazione *Max. commutation frequency*	400 Hz			
Grado di protezione *Protection degree*	IP 65			



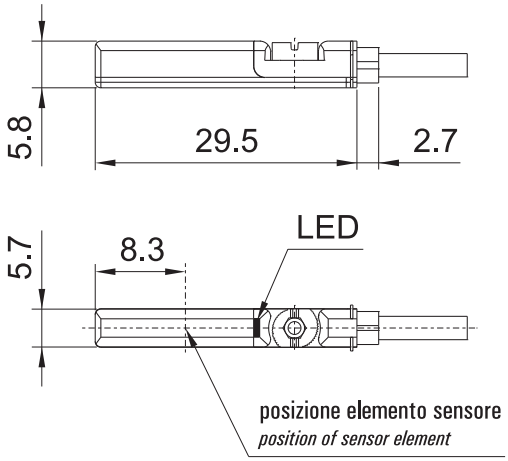
Schema di collegamento: 3 fili
Wiring diagram: 3 wires



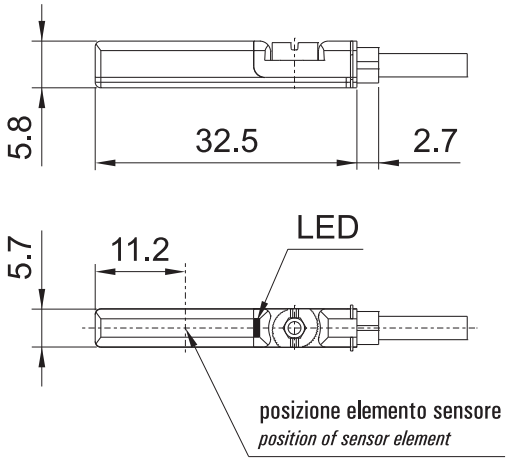
Modello *Model*	**R3A-2** **26.554.0**	**R3A-5** **26.563.0**	**R3A-M8** **26.555.0**	**E3A-2** **26.556.0**	**E3A-M8** **26.557.0**
Funzione *Function*	Reed NA *Reed NO* 	Reed NA *Reed NO* 	Reed NA *Reed NO* 	Hall PNP *Hall PNP* 	Hall PNP *Hall PNP* 
Numero fili *Number of wires*	3	3	3	3	3
Lunghezza fili *Length of wires*	2 m PVC	5 m PVC	30 cm PUR	2 m PVC	30 cm PUR
Connettore *Connector*	-	-	M8	-	M8
Tensione di esercizio *Working tension*	5-30V AC-DC	5-30V AC-DC	5-30V AC-DC	10-30V DC	10-30V DC
Corrente massima *Max. current*	300 mA: AC 500 mA: DC	300 mA: AC 500 mA: DC	300 mA: AC 500 mA: DC	100 mA	100 mA
Potenza massima *Max. power*	6 W	6 W	6 W	-	-
Massima caduta di tensione *Maximum tension drop*	3.5 V	3.5 V	0.1 V	2 V	2 V
Frequenza massima di commutazione *Max. commutation frequency*	400 Hz	400 Hz	400 Hz	1 kHz	1 kHz
Massimo consumo di corrente senza carico *Maximum consumption without load*	-	-	-	8 mA	8 mA
Sezione del filo (PVC) *Wire section (PVC)*	3 x 0.12 mm^2	3 x 0.12 mm^2	3 x 0.14 mm^2	3 x 0.12 mm^2	3 x 0.14 mm^2
Resistenza alle vibrazioni e agli urti *Vibration and shock resistance*	30 g, 11 ms 10 ... 55 Hz, 1 mm				
Temperatura di esercizio *Temperature range*	-30 ... +70°C				
Grado di protezione *Protection degree*	IP 65				

Dimensioni di ingombro
Overall dimensions

26.550.0 **26.563.0**
26.551.0 **26.555.0**
26.552.0 **26.556.0**
26.554.0 **26.557.0**

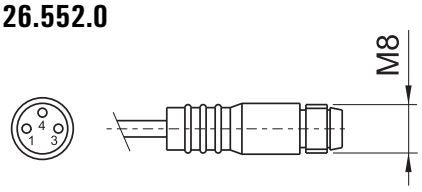


26.553.0

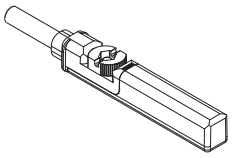


Dimensioni e schema connettore
Connector layout and dimensions

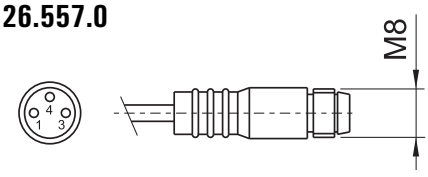
26.552.0



1 (marrone - *brown*) : IN
4 (nero - *black*) : OUT
3 (blu - *blue*) : non utilizzato *[unused]*



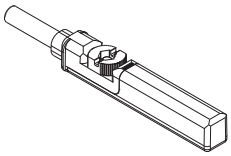
26.555.0
26.557.0



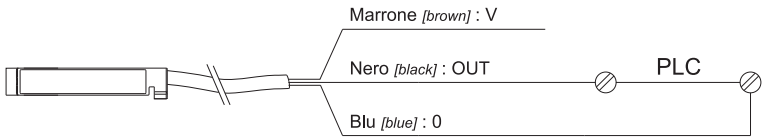
1 (marrone - *brown*) : V+
4 (nero - *black*) : OUT
3 (blu - *blue*) : V-

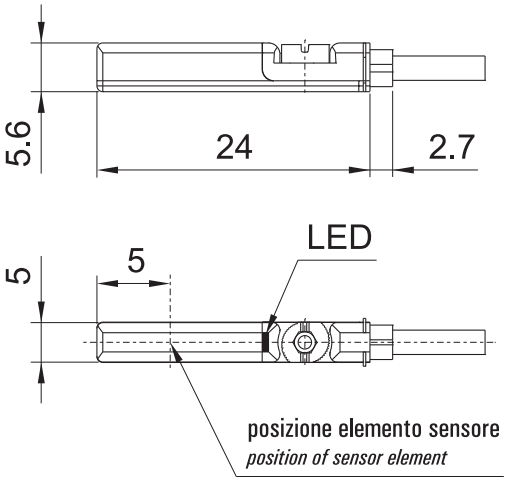
PROLUNGHE PER CAVO materiale: PUR
Extensions for cable *material: PUR*

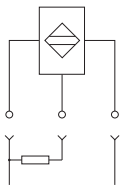
	lunghezza *length*	codice di ordinazione *order code*
M8 3x0.25 PUR	3 m	**26.164.0**
	5 m	**26.165.0**
M8 90° 3x0.25 PUR	5 m	**26.562.0**



Schema di collegamento: 3 fili
Wiring diagram: 3 wires





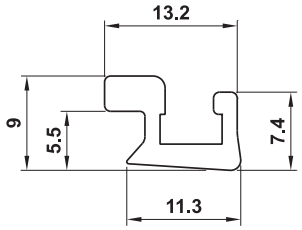
Modello *Model*	**26.582.0**
Funzione *Function*	Hall PNP *Hall PNP* 
Numero fili *Number of wires*	3
Lunghezza fili *Length of wires*	2 m PVC
Tensione di esercizio *Working tension*	10-30V DC
Corrente massima *Max. current*	50 mA
Massima caduta di tensione *Maximum tension drop*	2 V
Frequenza massima di commutazione *Max. commutation frequency*	1 kHz
Massimo consumo di corrente senza carico *Maximum consumption without load*	10 mA
Sezione del filo (PVC) *Wire section (PVC)*	3 x 0.14 mm^2
Resistenza alle vibrazioni e agli urti *Vibration and shock resistance*	30 g, 11 ms 10 ... 55 Hz, 1 mm
Temperatura di esercizio *Temperature range*	-20 ... +50°C
Grado di protezione *Protection degree*	IP 67
Classe di protezione *Protection class*	III
Identificazione dispositivo ATEX *Device identification ATEX*	II 3G Ex nA op is IIC T4 Gc X II 3D Ex tc IIIC T135°C Dc X

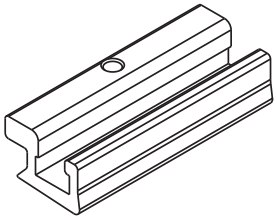
staffe per sensori R e E

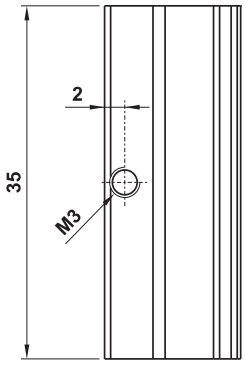
mounting brackets for sensors series R and E

26.558.0

- cilindri senza stelo OPL
  [rodless cylinders series OPL]
- cilindri corsa breve serie D
  [short stroke cylinders series D]

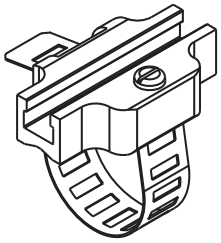


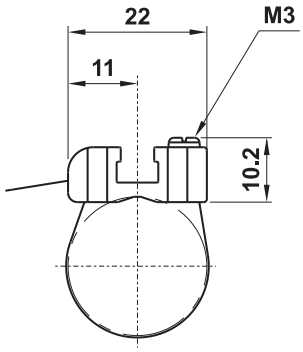


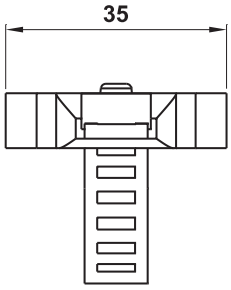


26.559.0

- microcilindri ISO 6432 ø8-25
  [minicylinders ISO 6432 ø8-25]

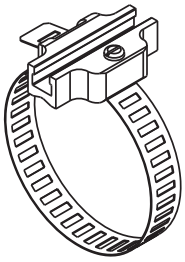


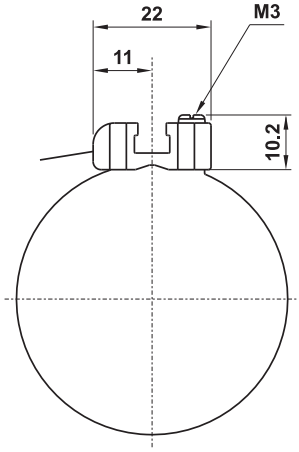


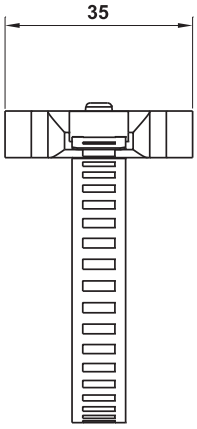


26.560.0

- cilindri tondi ø32-63
  [round cylinders ø32-63]

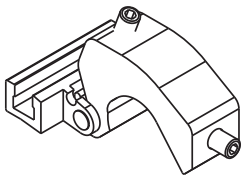


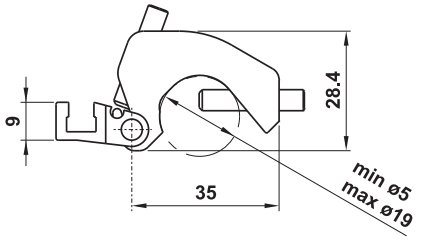


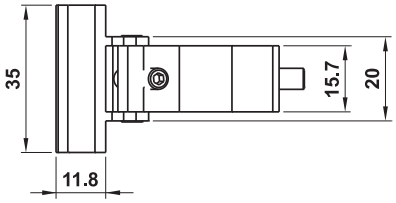


26.561.0

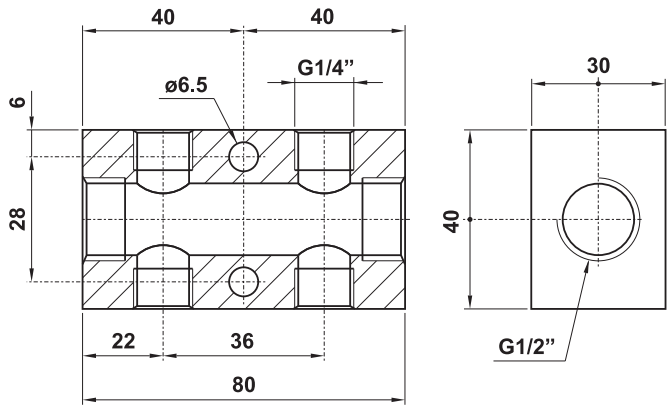
- tiranti ø5-19 per cilindri ISO 6431 ø32-200
  [tie-rods ø5-19 for cylinders ISO 6431 ø32-200]





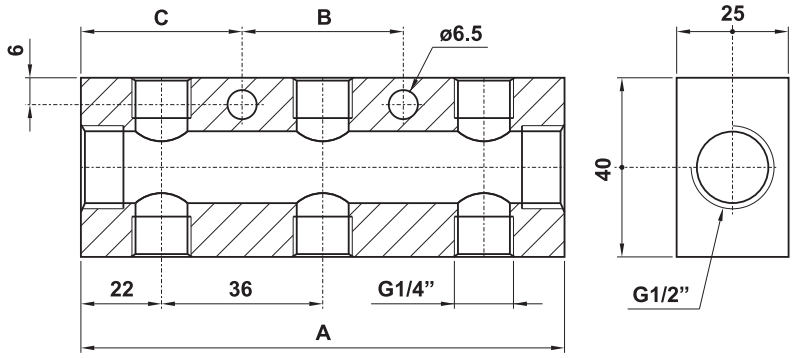


collettore doppio 2 fori 1/4" con foro passante 1/2"
in-line double manifold with 2 user ports 1/4" and 1/2" feed ports



modello *model*	**n. fori** *no. ports*
AU.039.1	2

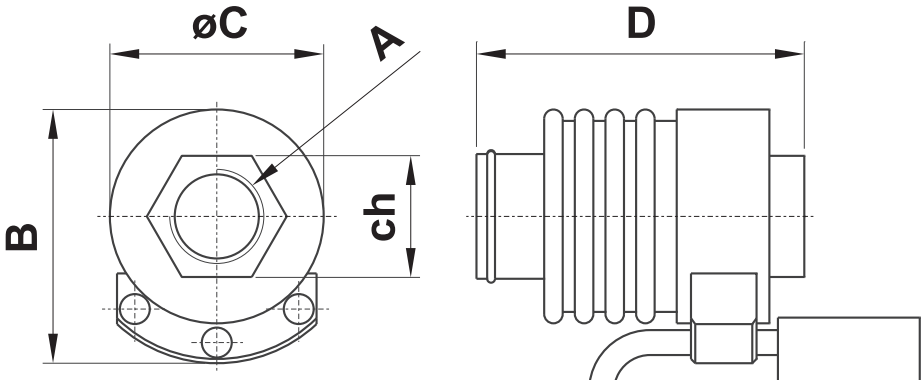
collettori doppi 1/4" con foro passante 1/2"
in-line double manifolds with 1/4" user ports and 1/2" feed ports

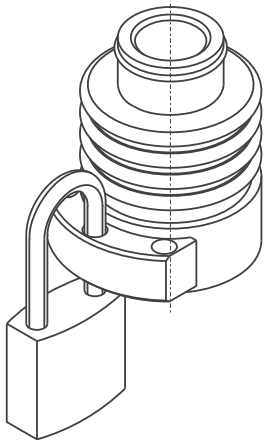


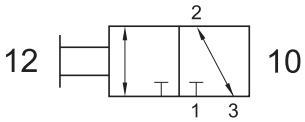
modello *model*	**n. fori** *no. ports*	**A**	**B**	**C**
AU.032.1	3	116	36	40
AU.033.1	4	152	72	40
AU.034.1	5	188	108	40

valvole a corsoio lucchettabili

lockable slide valves







modello *model*	A	B	C	D	ch
18.010.0	G1/4"	35.6	30	46	17
18.011.0	G1/2"	45.1	40	62	26

Il lucchetto è acquistabile separatamente: codice di ordinazione **18.012.0**

*The padlock is bought separately: part number **18.012.0***

Attacchi *Ports*	G1/4"; G1/2"
Temperatura di esercizio *Temperature range*	max +60°C
Pressione di esercizio *Working pressure*	1 ... 10 bar 0.1 ... 1 MPa
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*

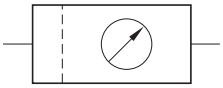
gruppi trattamento aria
G1/4” MINI

air preparation units
MINI G1/4”

mini filtroregolatore G1/4"

mini G1/4" filter-regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving); filtro 5 μm
  Diaphragm-type pressure regulator with relieving; filtro 5 μm
- Manometro incorporato 0 ... 12 bar
  Embedded manometer 0 ... 12 bar
- Installazione in linea o a pannello; staffa di fissaggio e ghiera a richiesta
  In-line or panel mounting; mounting bracket and ring on request



CODICE DI ORDINAZIONE *ORDER CODE*			**FR 2MK-08-05-S** **16.300.0**
Attacchi *Ports*			G1/4"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Peso *Weight*			0.23 kg
Pressione di alimentazione *Inlet pressure range*		$p_{1\ min}$ $p_{1\ max}$	1.5 bar; 0.15 MPa 12 bar; 1.2 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	1000 Nl/min

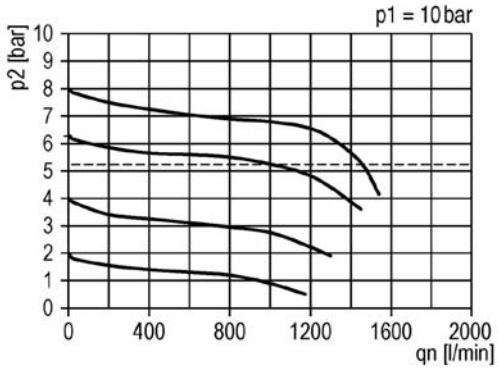
Materiali

Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza: policarbonato

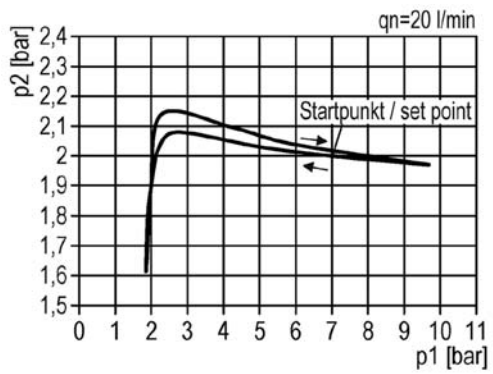
Materials

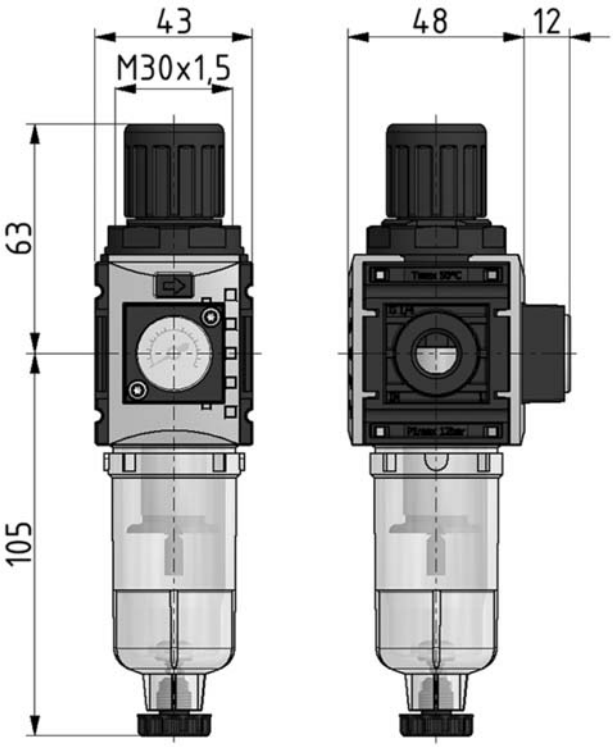
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Bowl: polycarbonate

Caratteristiche di portata
Flow characteristics



Isteresi
Hysteresis



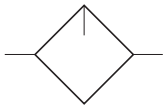


mini lubrificatore G1/4"

mini G1/4" lubricator

- Lubrificatore venturi con compensazione automatica della portata
  Oil mist lubricator with flow compensation
- Rifornimento olio manuale anche in presenza di pressione
  Manual oil refilling, possible also in presence of pressure
- Installazione verticale; staffa di fissaggio a richiesta
  Vertical installation; bracket on request
- Capacità tazza: 35 cm³
  Bowl capacity: 35 cm³

CODICE DI ORDINAZIONE *ORDER CODE*			**LUB 2MK-00** **16.299.0**
Attacchi *Ports*			G1/4"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Peso *Weight*			0.15 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	1.5 bar; 0.15 MPa 12 bar; 1.2 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	1400 Nl/min



Materiali

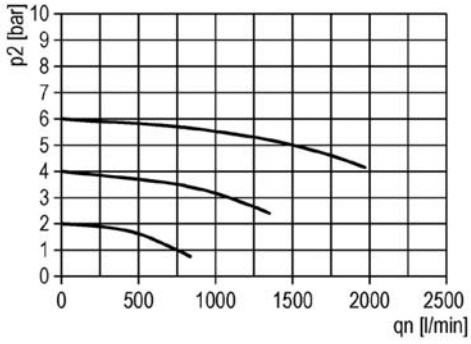
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza: policarbonato

Materials

Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Bowl: polycarbonate

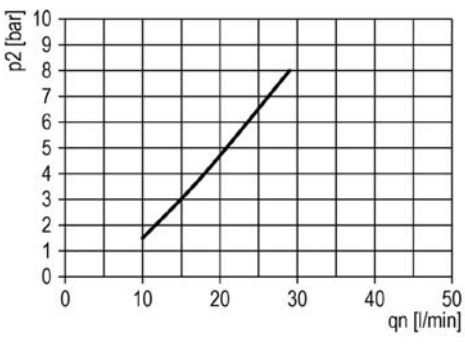
Caratteristiche di portata

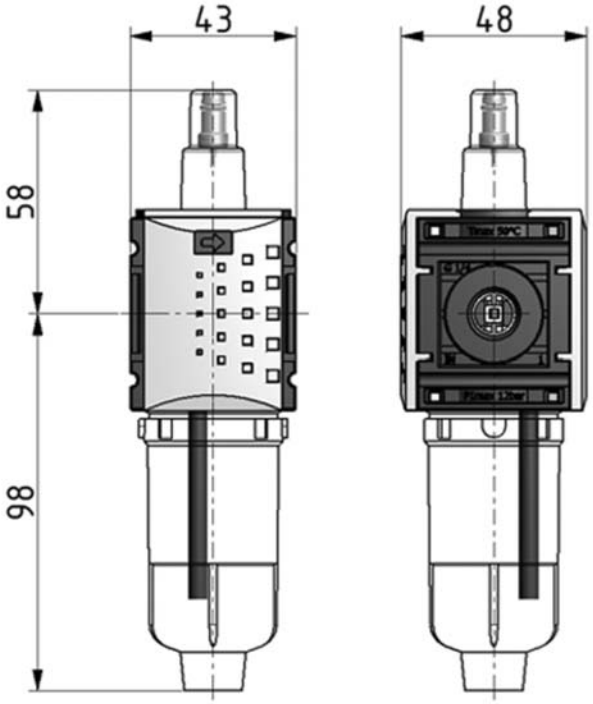
Flow characteristics



Rapporto olio/aria

Oil/air ratio

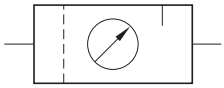




mini gruppo trattam. aria FR+L G1/4"

mini G1/4" FR+L air preparation unit

- Regolatore a membrana con valvola di scarico sovrapressione (relieving); filtro 5 μm
  Diaphragm-type pressure regulator with relieving; filtro 5 μm
- Manometro incorporato 0 ... 12 bar; capacità tazza: 35 cm³
  Embedded manometer 0 ... 12 bar; bowl capacity: 35 cm³
- Installazione in linea o a pannello; staffa di fissaggio e ghiera a richiesta
  In-line or panel mounting; mounting bracket and ring on request

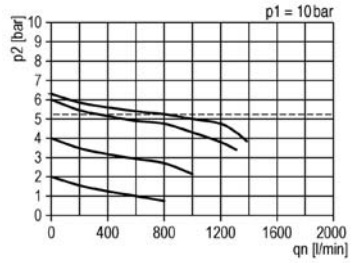


CODICE DI ORDINAZIONE *ORDER CODE*			**FR+L 2MK-08-05-S** **16.298.0**
Attacchi *Ports*			G1/4"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Peso *Weight*			0.39 kg
Pressione di alimentazione *Inlet pressure range*		$p_{1\ min}$ $p_{1\ max}$	1.5 bar; 0.15 MPa 12 bar; 1.2 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	600 Nl/min

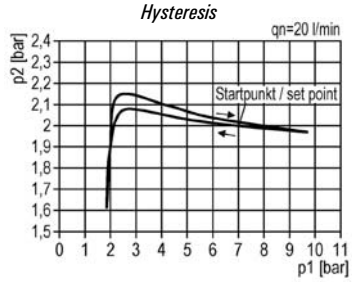
Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza: policarbonato

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Bowl: polycarbonate

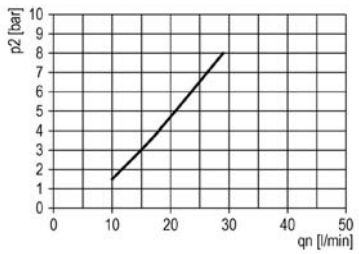
Caratteristiche di portata
Flow characteristics

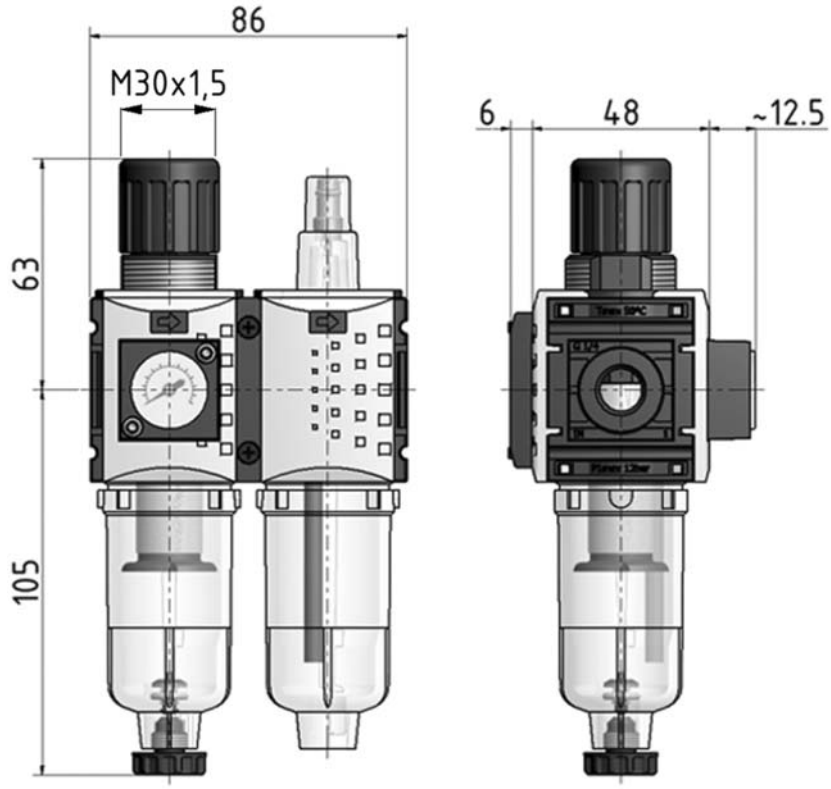


Isteresi
Hysteresis



Rapporto olio/aria
Oil/air ratio





mini avviatore progressivo G1/4"

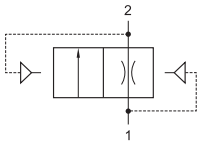
mini G1/4" slow-start valve

Modalità di funzionamento

La valvola fornisce a un circuito pneumatico aria a pressione progressivamente crescente fino a raggiungere la metà della pressione di rete nel tempo impostato con la vite di regolazione integrata. Durante questa fase non devono essere attivi gli elementi del circuito che consumano aria. Raggiunta la soglia di commutazione, l'avviatore progressivo passa automaticamente a fornire la pressione di rete.
L'avviatore progressivo impedisce eventuali movimenti improvvisi dei dispositivi pneumatici montati nel circuito, che si potrebbero avere se venisse fornita immediatamente la pressione di rete.

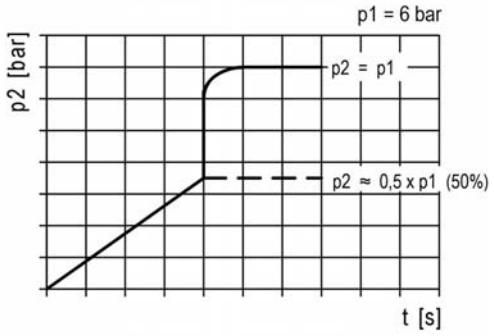
Valve operation

The valve applies to a pneumatic circuit a progressively increasing pressure over a period of time set by the integrated screw. During this phase no air consumption is allowed in the circuit. After having reached the half of the system pressure, the slow-start valve begins to automatically feed the circuit with the system pressure.
The slow-start valve prevents from unexpected motions of the pneumatic devices in the circuit, which could happen by applying directly the system pressure.

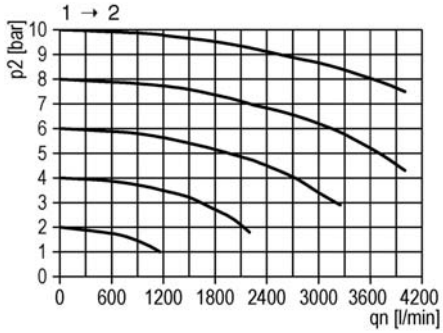


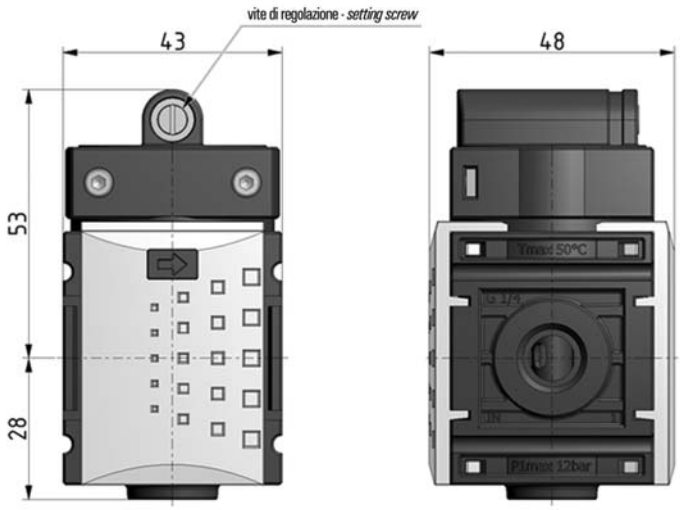
CODICE DI ORDINAZIONE *ORDER CODE*			**AVP 2MK-00** **16.290.0**
Attacchi *Ports*			G1/4"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Peso *Weight*			0.14 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	2.5 bar; 0.25 MPa 12 bar; 1.2 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	2000 Nl/min

Rapporto tempo/pressione
Time/pressure ratio



Portata in scarico
Exhaust flow rate





Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

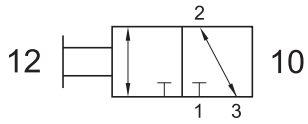
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

mini valv. sezionamento circuito 3/2 G1/4"

mini 3/2 G1/4" shut-off valve

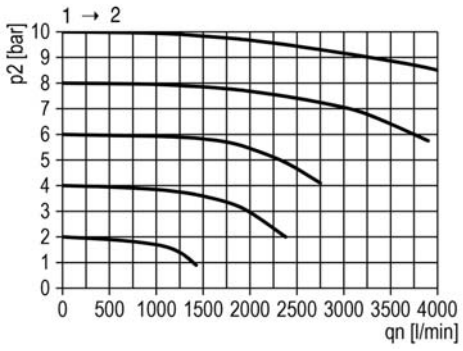
- Elemento modulare ad alte prestazioni
  High performance modular element
- Elevata portata in scarico
  High exhaust flow rate
- Comando manuale; possibilità di chiusura a lucchetto
  Manual actuation; it can be secured with a padlock
- Installazione in qualsiasi posizione
  Installation in any position



CODICE DI ORDINAZIONE *ORDER CODE*		**SR-M2MK** **16.293.0**
Attacchi *Ports*		G1/4"
Temperatura di esercizio *Temperature range*		0 ... +50°C
Peso *Weight*		0.1 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata massima in entrata *Inlet maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	2300 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*	Q_{max}	300 Nl/min

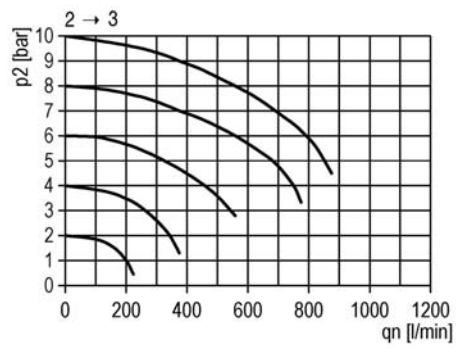
Portata in entrata

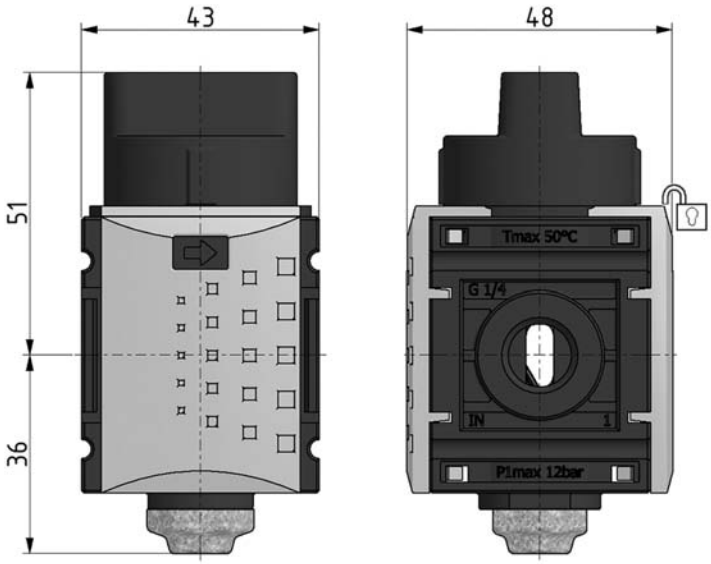
Inlet flow rate



Portata in scarico

Exhaust flow rate





Materiali

Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials

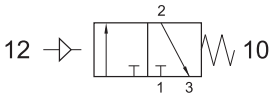
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

mini valvola di scarico rapido 3/2 G1/4"

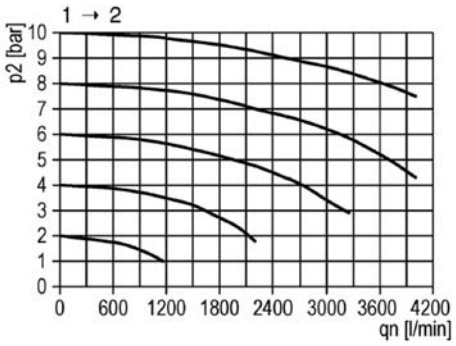
mini 3/2 G1/4" quick exhaust valve

- Valvola 3/2 di scarico rapido e sezionamento circuito a **comando pneumatico**
  Pneumatically actuated 3/2 quick exhaust and shut-off valve
- Elevata portata in scarico
  High exhaust flow rate

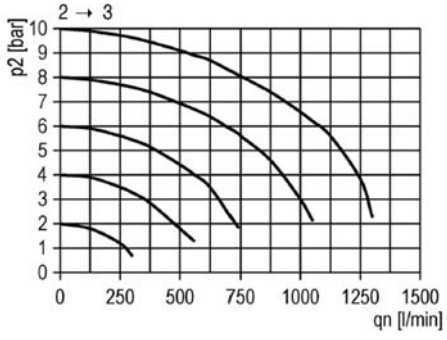


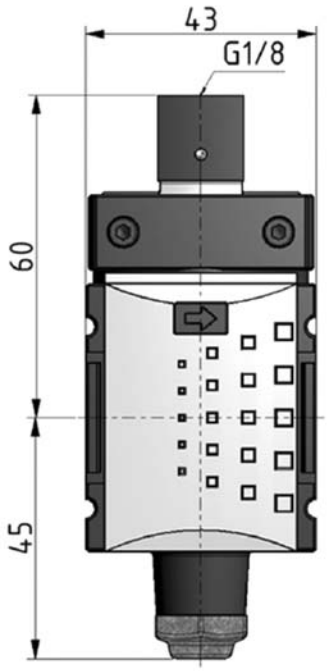
CODICE DI ORDINAZIONE *ORDER CODE*			**SCR 2MK-P** **16.291.0**
Attacchi *Ports*			G1/4"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Peso *Weight*			0.2 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	2 bar; 0.2 MPa 12 bar; 1.2 MPa
Portata massima in entrata *Inlet maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	2000 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*		Q_{max}	400 Nl/min

Portata in entrata
Inlet flow rate



Portata in scarico
Exhaust flow rate





Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

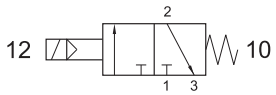
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

mini valvola di scarico rapido 3/2 G1/4"

mini 3/2 G1/4" quick exhaust valve

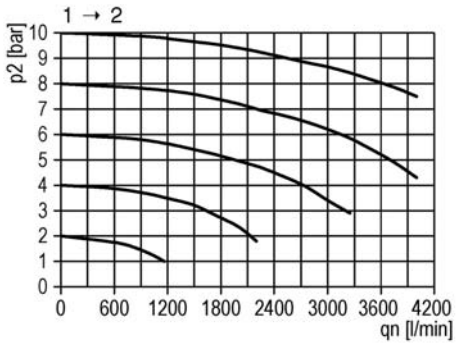
- Valvola 3/2 di scarico rapido e sezionamento circuito a **comando elettrico**
  Solenoid actuated 3/2 quick exhaust and shut-off valve
- Elevata portata in scarico
  High exhaust flow rate



CODICE DI ORDINAZIONE *ORDER CODE*			**SCR 2MK-E** **16.292.3**
Attacchi *Ports*			G1/4"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Peso *Weight*			0.25 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	2 bar; 0.2 MPa 10 bar; 1 MPa
Portata massima in entrata *Inlet maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	2000 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*		Q_{max}	400 Nl/min

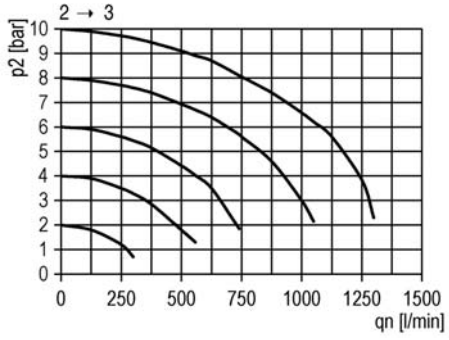
Portata in entrata

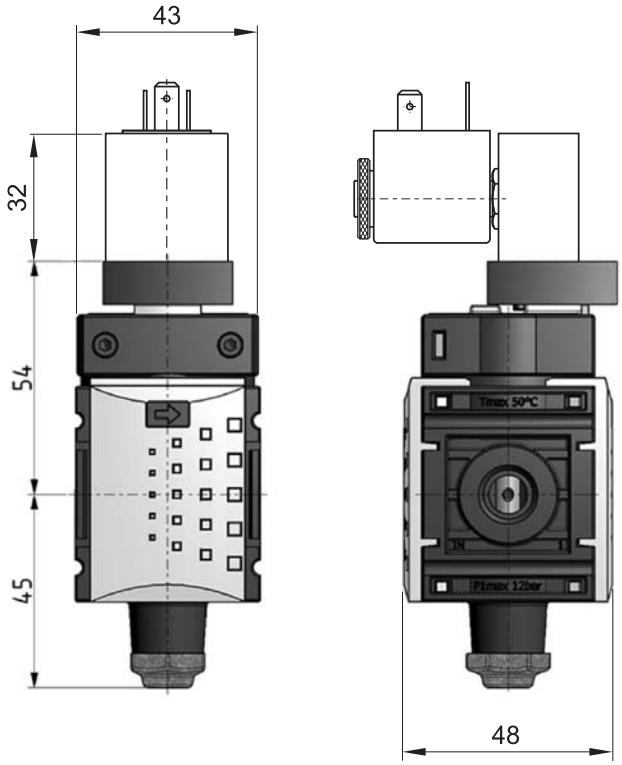
Inlet flow rate



Portata in scarico

Exhaust flow rate





Materiali

Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials

Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

Il prodotto è venduto senza bobina, da acquistarsi separatamente (vedi pag. 372 catalogo generale).
The product is sold without coil, which is bought separately (refer to page 372 of the general catalogue).

PRESA D'ARIA

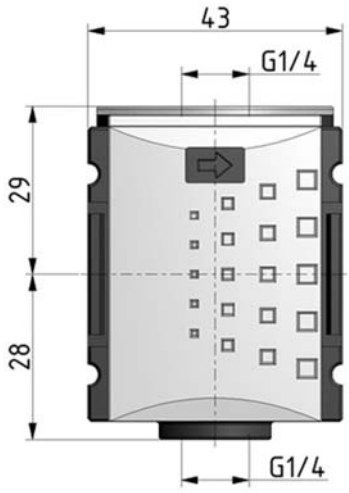
porting block

Può essere utilizzata per prelevare aria non lubrificata e/o non regolata.

It can be used to provide unlubricated and/or unregulated air.

G1/4"
MINI

PAI 2MK-00
16.294.0



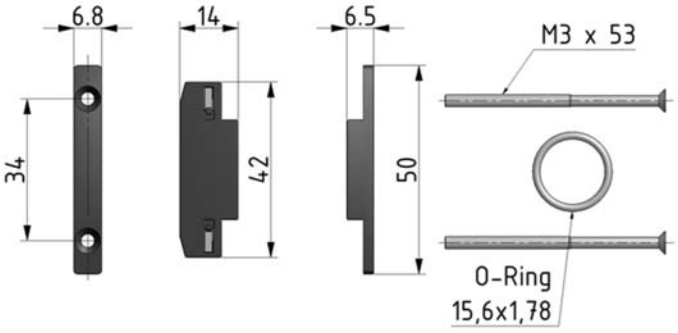
KIT MONTAGGIO

coupling kit

KIT 2MK-00

16.296.0

G1/4"



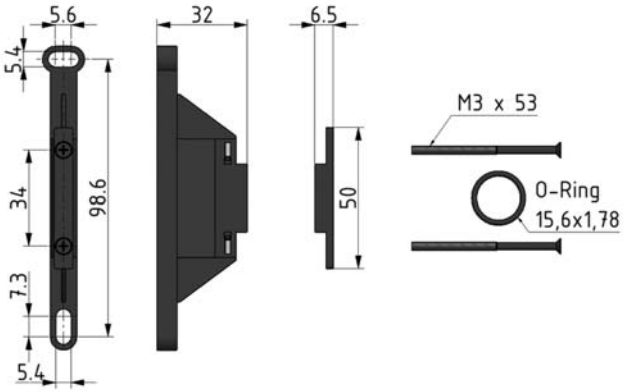
KIT MONTAGGIO CON STAFFA DI FISSAGGIO

coupling kit with mounting bracket

KIT 2MK-01

16.295.0

G1/4"



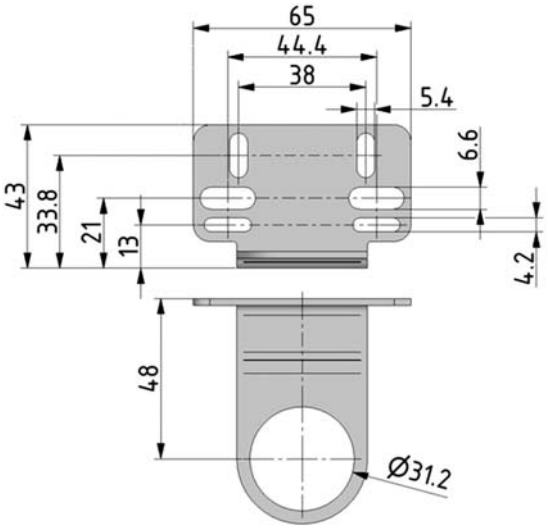
STAFFA DI FISSAGGIO

mounting bracket

STF 2MK

16.297.0

G1/4"

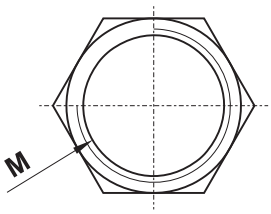


GHIERA DI FISSAGGIO

mounting ring

16.044.0

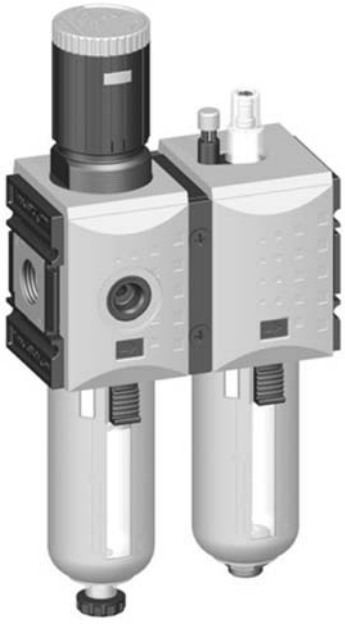
G1/4"



M = M30x1.5

gruppi trattamento aria
G1/4”-G3/8”-G1/2”

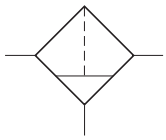
air preparation units
G1/4”-G3/8”-G1/2”



filtro separatore G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" filter-water-separator

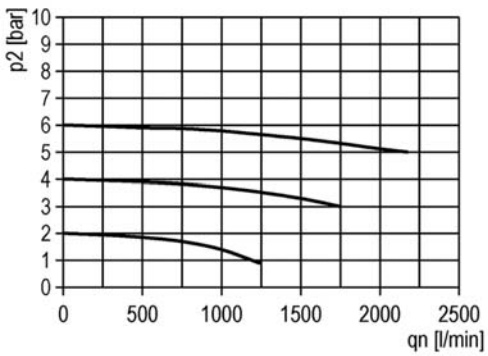
- Sistema di funzionamento: gruppo ciclone ed elemento filtrante
  Cyclone system and filter element
- Separazione condensa: 95%
  Moisture separation: 95%
- Scarico della condensa semiautomatico
  Semi-automatic moisture exhaust
- Installazione verticale; staffa di fissaggio a richiesta
  Vertical installation; bracket on request
- Protezione della tazza di serie
  Bowl protection already mounted
- A richiesta disponibile con filetti NPT
  On request available with NPT threads



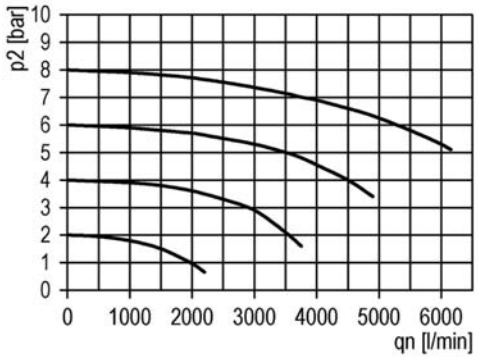
CODICE DI ORDINAZIONE *ORDER CODE*	scarico semiautomatico *semi-automatic moisture exhaust*	**FIL 2K-05-S** **16.302.0**	**FIL 3K-05-S** **16.342.0**	**FIL 4K-05-S** **16.322.0**
	scarico automatico *automatic moisture exhaust*	**FIL 2K-05-A** **16.100.3**	**FIL 3K-05-A** **16.101.3**	**FIL 4K-05-A** **16.102.3**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.25 kg	0.25 kg	0.4 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Portata massima *Maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	2000 Nl/min	2000 Nl/min	3500 Nl/min
Elemento filtrante *Filter element*		5 μm	5 μm	5 μm

Caratteristiche di portata
Flow characteristics

G1/4"-G3/8"



G1/2"

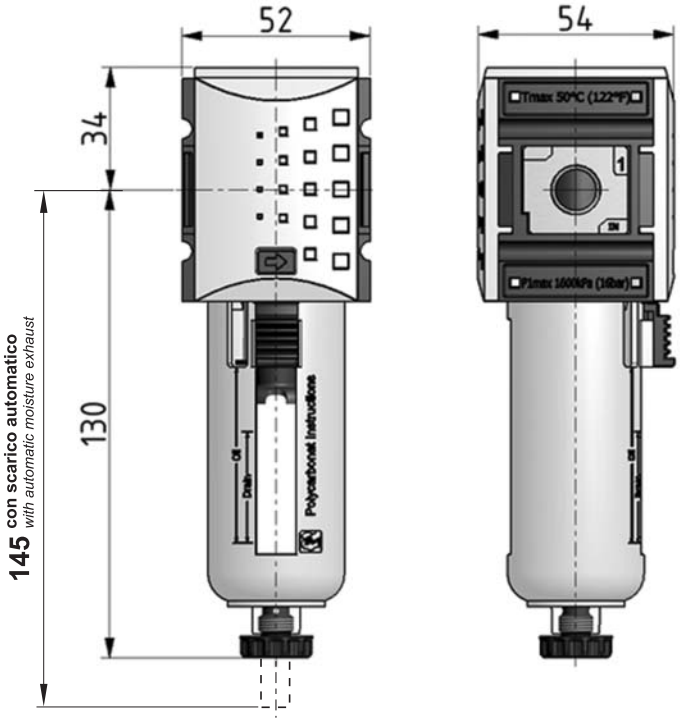


filtro separatore G1/4"-G3/8"-G1/2"

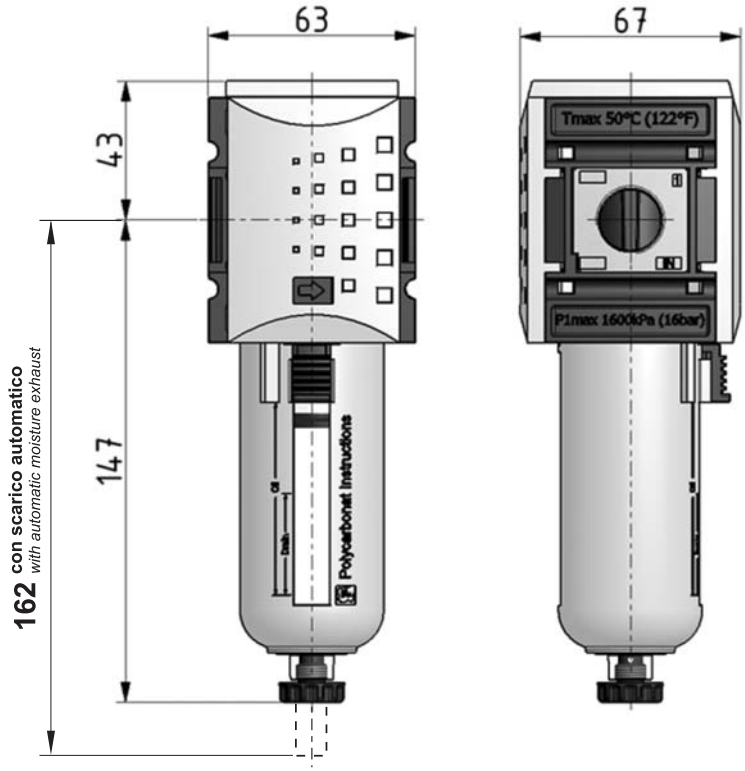
G1/4"-G3/8"-G1/2" filter-water-separator

FIL 2K-05-S **FIL 2K-05-A**

FIL 3K-05-S **FIL 3K-05-A**



FIL 4K-05-S **FIL 4K-05-A**



Materiali

Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

Materials

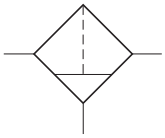
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

microfiltri-depuratori G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" sub-micro-filters

- Elementi filtranti speciali ad altissime prestazioni
  Special filter elements with very high performances
- Grado di filtrazione: 99.999%
  Degree of filtration: 99.999%
- Olio residuo: 0.01 mg/m³ (concentrazione in entrata: 3 mg/m³)
  Residual oil: 0.01 mg/m³ (input concentration: 3 mg/m³)
- Installazione verticale
  Vertical installation
- Protezione della tazza di serie. A richiesta disponibile con filetti NPT
  Bowl protection already mounted. On request available with NPT threads



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

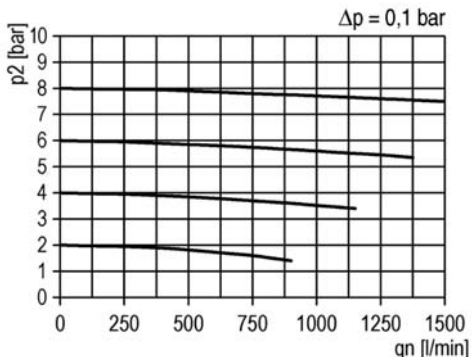
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

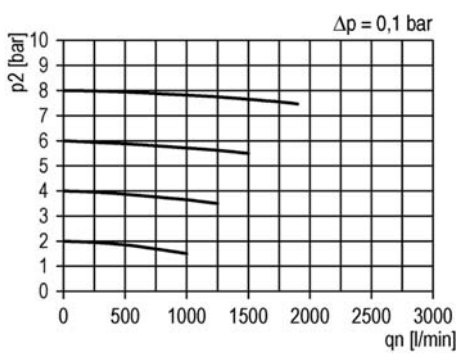
CODICE DI ORDINAZIONE *ORDER CODE*		**MFIL 2K-S** **16.306.0**	**MFIL 3K-S** **16.346.0**	**MFIL 4K-S** **16.326.0**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.29 kg	0.29 kg	0.44 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Portata raccomandata p = 6 bar a 25 m/s *Recommended flow rate p = 6 bar at 25 m/s*	Q_n	350 Nl/min	350 Nl/min	450 Nl/min
Caduta di pressione a filtro nuovo *Pressure drop with new filter element*		0.1 bar	0.1 bar	0.1 bar
Caduta di pressione a filtro saturo *Pressure drop with saturated filter element*		0.3 bar	0.3 bar	0.3 bar

G1/4"-G3/8"

Caratteristiche di portata
Flow characteristics



G1/2"



microfiltri-depuratori G1/4"-G3/8"-G1/2"

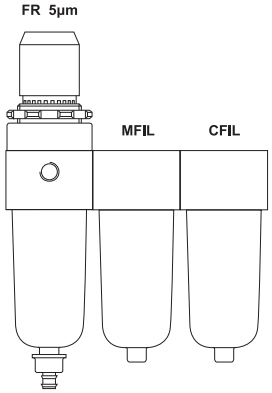
G1/4"-G3/8"-G1/2" sub-micro-filters

Procedura per l'installazione

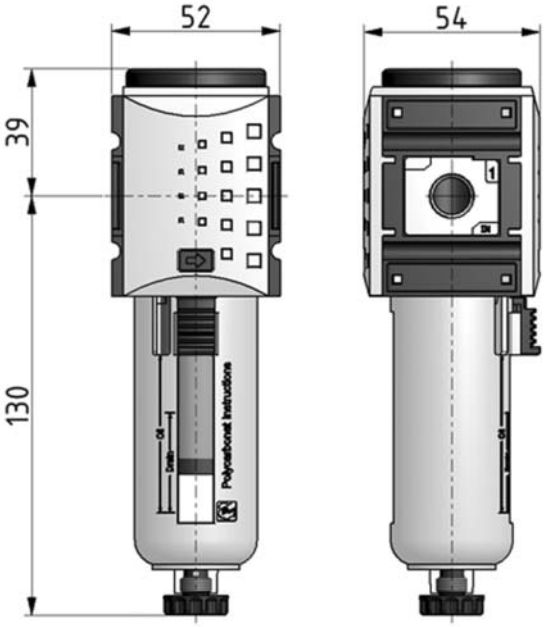
Per favorire la durata degli elementi filtranti raccomandiamo di installare, in serie, un filtro-regolatore da 5 μm, un microfiltro e un filtro a carbone attivo.

Installation procedure

To increase the life span of the filter elements, we recommend the installation in the following order: filter with 5 μm degree, sub-micro-filter and activated carbon filter.

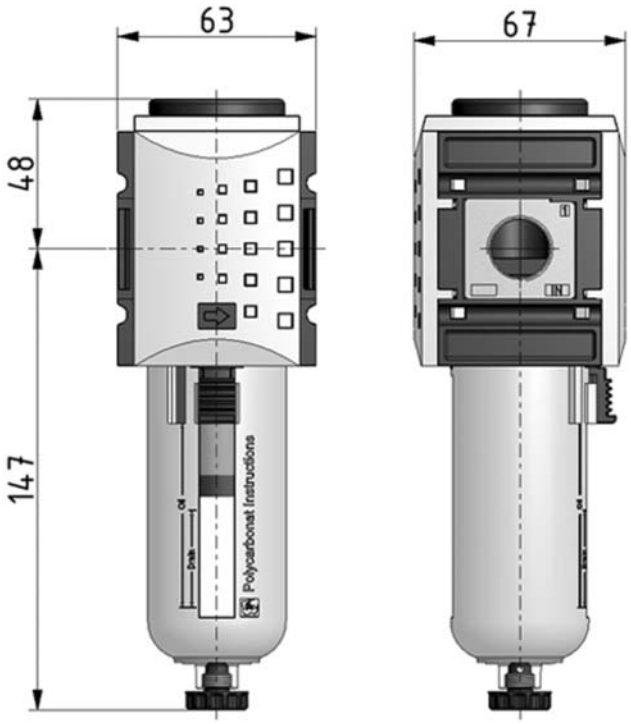


MFIL 2K-S



MFIL 3K-S

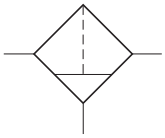
MFIL 4K-S



filtri a carbone attivo G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" activated carbon filters

- Elementi filtranti speciali a carbone attivo
  Activated carbon filter elements
- Olio residuo: 0.003 p.p.m. in combinazione con microfiltro
  Residual oil: 0.003 p.p.m. in combination with sub-micro-filter
- Installazione verticale
  Vertical installation
- Protezione della tazza di serie. A richiesta disponibile con filetti NPT
  Bowl protection already mounted. On request available with NPT threads



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

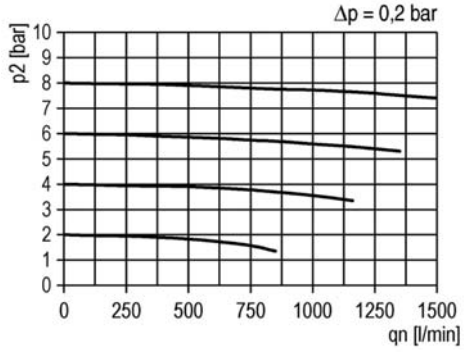
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

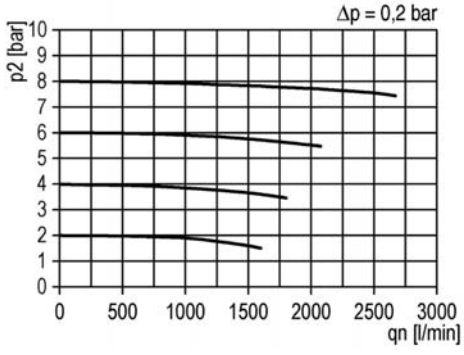
CODICE DI ORDINAZIONE *ORDER CODE*		**CFIL 2K-S** **16.307.0**	**CFIL 3K-S** **16.347.0**	**CFIL 4K-S** **16.327.0**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.26 kg	0.26 kg	0.42 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata raccomandata p = 6 bar a 25 m/s *Recommended flow rate p = 6 bar at 25 m/s*	Q_n	500 Nl/min	500 Nl/min	1600 Nl/min
Caduta di pressione a filtro nuovo *Pressure drop with new filter element*		0.1 bar	0.1 bar	0.1 bar
Caduta di pressione a filtro saturo *Pressure drop with saturated filter element*		0.3 bar	0.3 bar	0.3 bar

G1/4"-G3/8"

Caratteristiche di portata
Flow characteristics



G1/2"



filtri a carbone attivo G1/4"-G3/8"-G1/2"

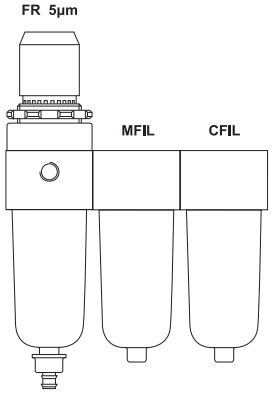
G1/4"-G3/8"-G1/2" activated carbon filters

Procedura per l'installazione

Per favorire la durata degli elementi filtranti raccomandiamo di installare, in serie, un filtro-regolatore da 5 µm, un microfiltro e un filtro a carbone attivo.

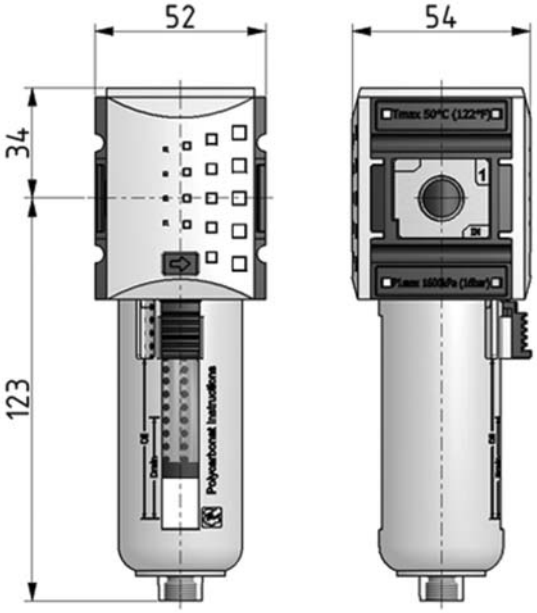
Installation procedure

To increase the life span of the filter elements, we recommend the installation in the following order: filter with 5 µm degree, sub-micro-filter and activated carbon filter.

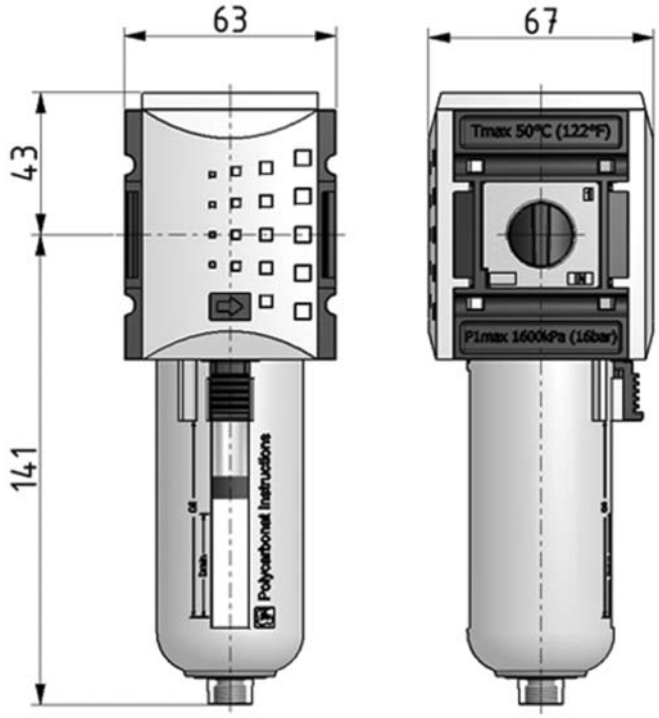


CFIL 2K-S

CFIL 3K-S



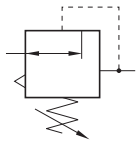
CFIL 4K-S



regolatore di pressione G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" pressure regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
  Diaphragm-type pressure regulator with relieving



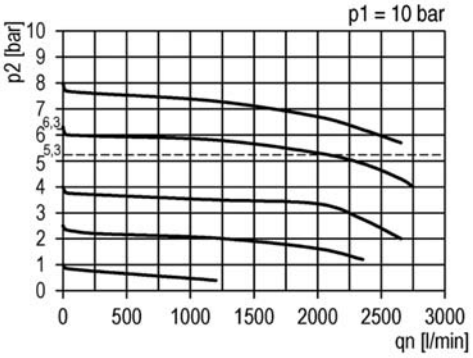
- Autocompensazione durante la regolazione
  Self-compensated regulation

- Installazione in linea o a pannello; staffa di fissaggio a richiesta. A richiesta disponibile con filetti NPT
  In-line or panel mounting; bracket on request. On request available with NPT threads

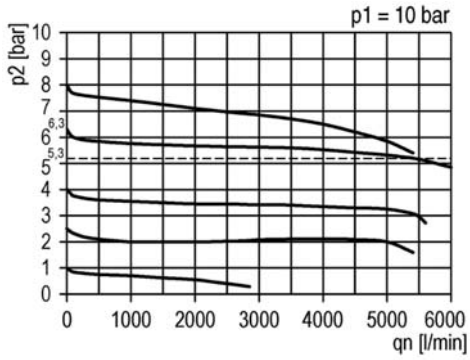
CODICE DI ORDINAZIONE *ORDER CODE*			**REG 2K-08** **16.301.0**	**REG 3K-08** **16.341.0**	**REG 4K-08** **16.321.0**
Attacchi *Ports*			G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*			0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*			0.3 kg	0.3 kg	0.5 kg
Pressione di alimentazione *Inlet pressure range*		$p_{1\ min}$ $p_{1\ max}$	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 8 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	2200 Nl/min	2200 Nl/min	5100 Nl/min

Caratteristiche di portata
Flow characteristics

G1/4"-G3/8"

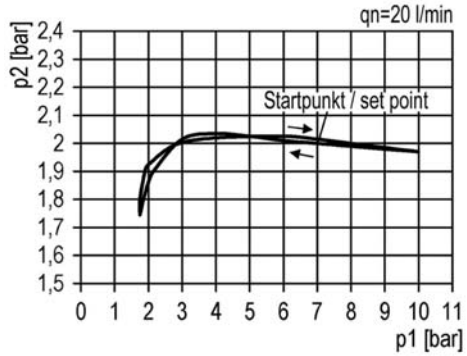


G1/2"

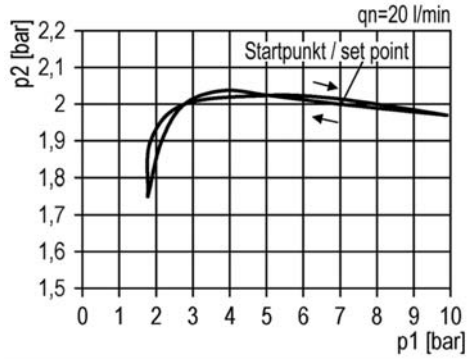


Isteresi
Hysteresis

G1/4"-G3/8"



G1/2"

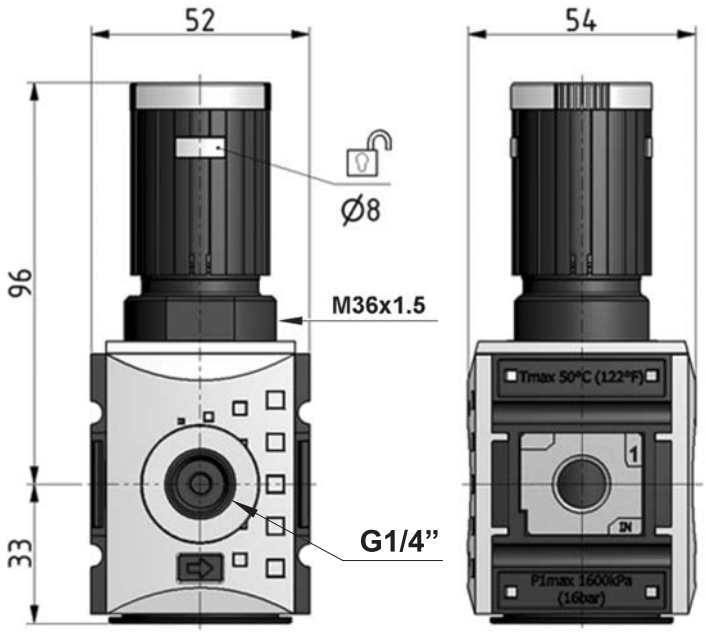


regolatore di pressione G1/4"-G3/8"-G1/2"

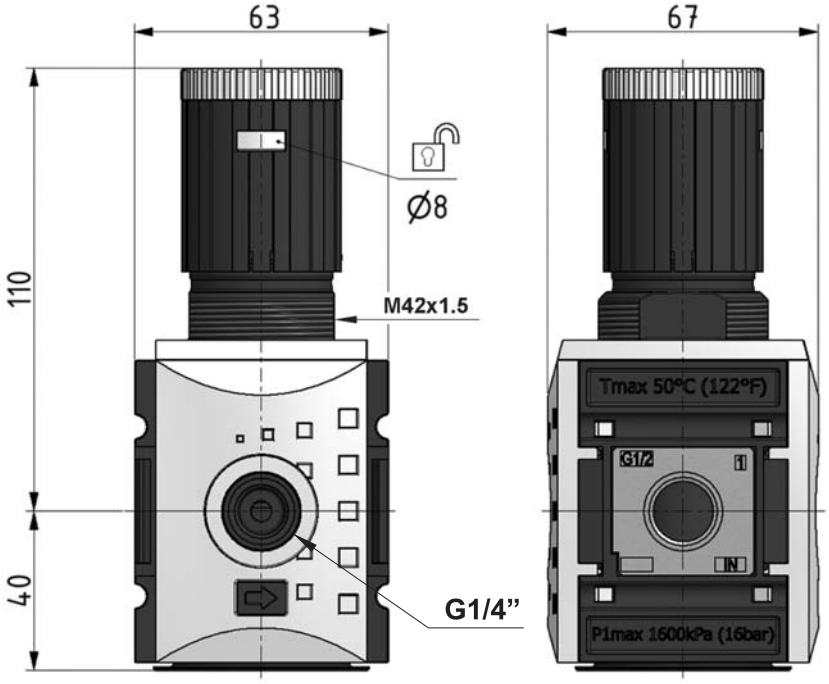
G1/4"-G3/8"-G1/2" pressure regulator

REG 2K-08

REG 3K-08



REG 4K-08



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

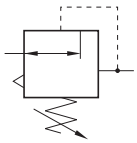
La staffa e la ghiera di fissaggio devono essere acquistate separatamente.
Mounting bracket and ring are bought separately.

Filetto per manometro: G1/4".
Thread for manometer: G1/4".

regolatore di pressione di precisione G1/4"

G1/4" precision pressure regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
  Diaphragm-type pressure regulator with relieving
- Autocompensazione durante la regolazione
  Self-compensated regulation
- Campo di regolazione: 0.05 ... 7 bar
  Regulation range: 0.05 ... 7 bar



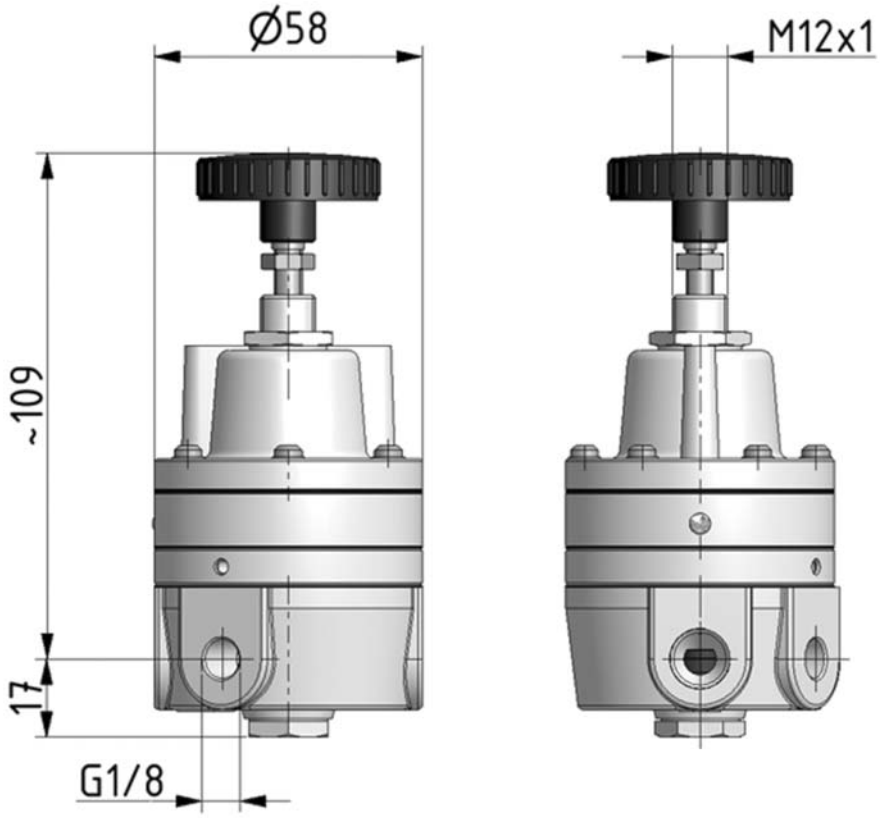
Materiali
Corpo: alluminio
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials
Body: aluminium
Seals: NBR
Internal parts: brass and stainless steel

CODICE DI ORDINAZIONE *ORDER CODE*		**16.214.0**
Attacchi *Ports*		G1/4"
Temperatura di esercizio *Temperature range*		0 ... +60°C
Peso *Weight*		0.7 kg
Pressione di alimentazione *Inlet pressure range*	$p_{1\,min}$ $p_{1\,max}$	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*	$p_{2\,min}$ $p_{2\,max}$	0 bar; 0 MPa 7 bar; 0.7 MPa
Portata massima *Maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	600 Nl/min
Consumo di aria con $p_1 = 5$ bar *Air consumption at $p_1 = 5$ bar*		< 2.2 l/min
Consumo di aria con $p_1 = 7$ bar *Air consumption at $p_1 = 7$ bar*		< 3 l/min
Consumo di aria con $p_1 = 10$ bar *Air consumption at $p_1 = 10$ bar*		< 4.1 l/min

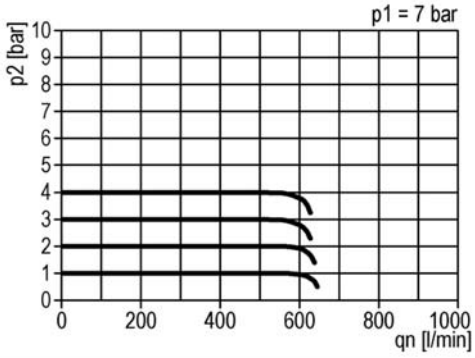
regolatore di pressione di precisione G1/4”

G1/4” precision pressure regulator



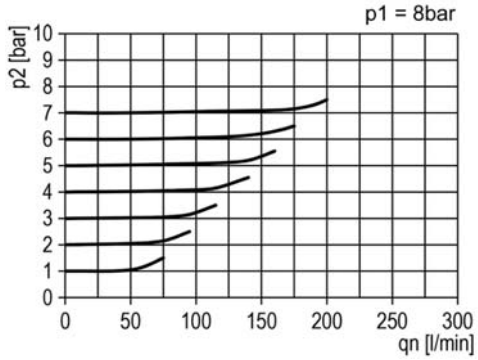
Caratteristiche di portata

Flow characteristics



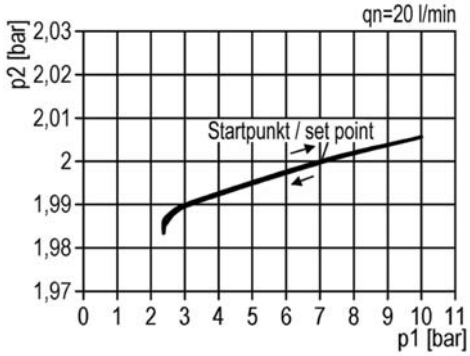
Caratteristiche del relieving

Relieving characteristics



Isteresi

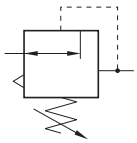
Hysteresis



regolatore di pressione di precisione G1/4"

G1/4" precision pressure regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
  Diaphragm-type pressure regulator with relieving
- Autocompensazione durante la regolazione
  Self-compensated regulation
- Campo di regolazione: 0.1 ... 8 bar
  Regulation range: 0.1 ... 8 bar



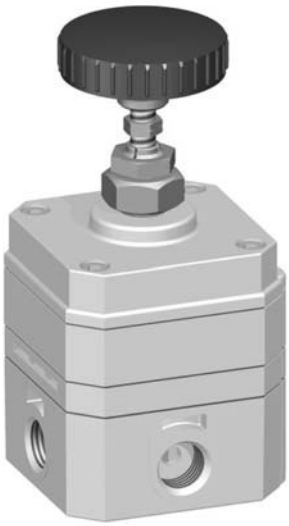
Materiali
Corpo: alluminio
Guarnizioni: NBR
Parti interne: ottone e INOX

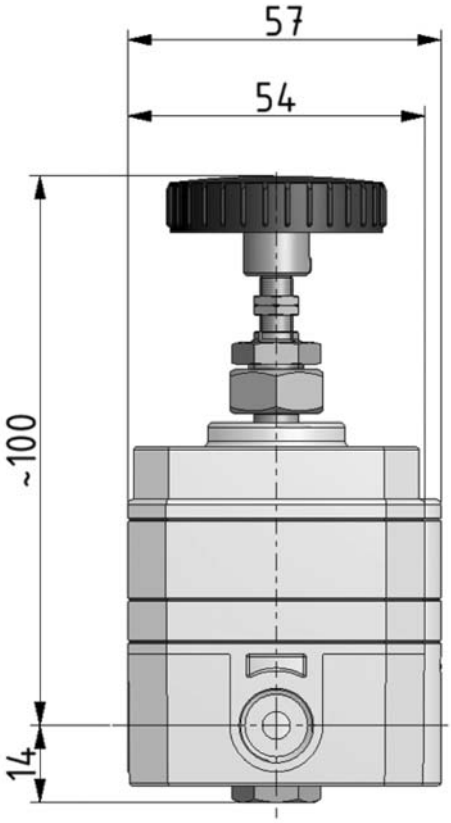
Materials
Body: aluminium
Seals: NBR
Internal parts: brass and stainless steel

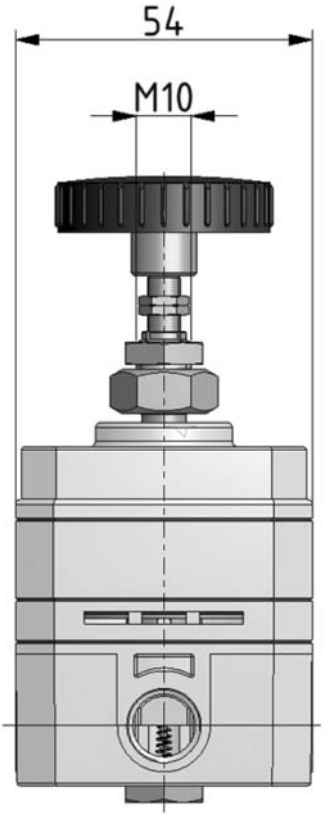
CODICE DI ORDINAZIONE *ORDER CODE*		**16.215.0**
Attacchi *Ports*		G1/4"
Temperatura di esercizio *Temperature range*		0 ... +60°C
Peso *Weight*		0.3 kg
Pressione di alimentazione *Inlet pressure range*	$p_{1\,min}$ $p_{1\,max}$	0 bar; 0 MPa 12 bar; 1.2 MPa
Pressione di utilizzo *Outlet pressure range*	$p_{2\,min}$ $p_{2\,max}$	0 bar; 0 MPa 8 bar; 0.8 MPa
Portata massima *Maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	400 Nl/min
Consumo di aria con p_1=6 bar *Air consumption at p_1=6 bar*		2.6 l/min

regolatore di pressione di precisione G1/4”

G1/4” precision pressure regulator

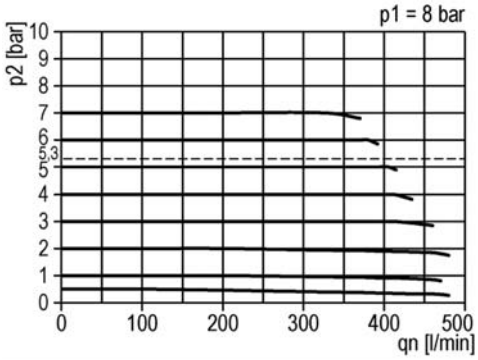






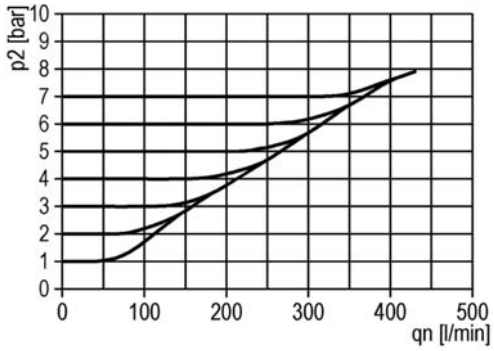
Caratteristiche di portata

Flow characteristics



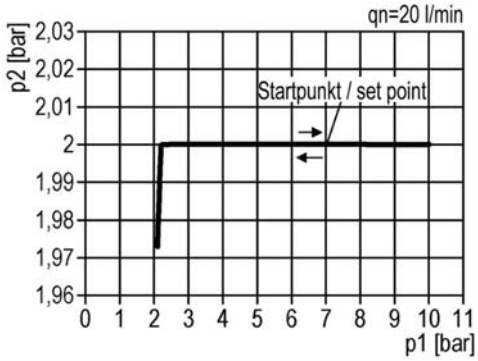
Caratteristiche del relieving

Relieving characteristics



Isteresi

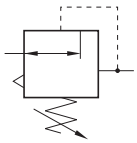
Hysteresis



regolatore di pressione di precisione G1/2"

G1/2" precision pressure regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
  Diaphragm-type pressure regulator with relieving
- Pilotaggio pneumatico remoto
  Remote pneumatic piloting
- Regolazione meccanica ausiliaria a 6 bar
  Auxiliary mechanical regulation at 6 bar
- Autocompensazione durante la regolazione; alto relieving
  Self-compensated regulation; high performance relieving
- Campo di regolazione: 0.05 ... 7 bar
  Regulation range: 0.05 ... 7 bar

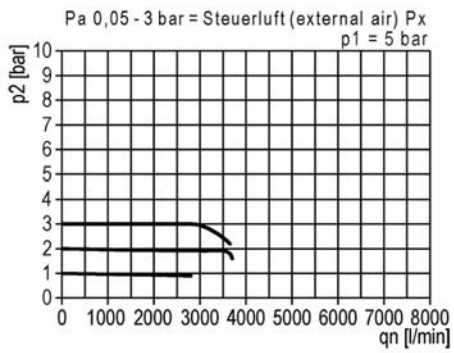


Materiali
Corpo: alluminio
Guarnizioni: NBR
Parti interne: ottone e INOX

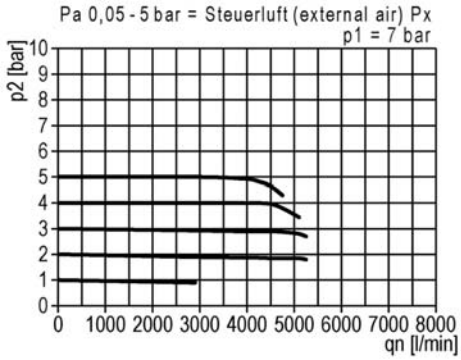
Materials
Body: aluminium
Seals: NBR
Internal parts: brass and stainless steel

CODICE DI ORDINAZIONE *ORDER CODE*		**16.230.0**
Attacchi *Ports*		G1/2"
Temperatura di esercizio *Temperature range*		0 ... +60°C
Peso *Weight*		1.4 kg
Pressione di alimentazione *Inlet pressure range*	$p_{1\,min}$ $p_{1\,max}$	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*	$p_{2\,min}$ $p_{2\,max}$	0 bar; 0 MPa 7 bar; 0.7 MPa
Portata massima *Maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	6500 Nl/min
Consumo di aria con $p_1 = 16$ bar *Air consumption at $p_1 = 16$ bar*		< 6 l/min

Caratteristiche di portata (I)
Flow characteristics (I)

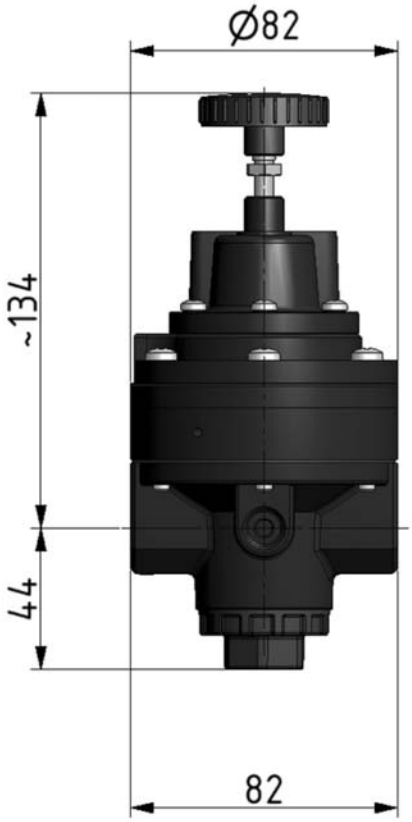


Caratteristiche di portata (II)
Flow characteristics (II)



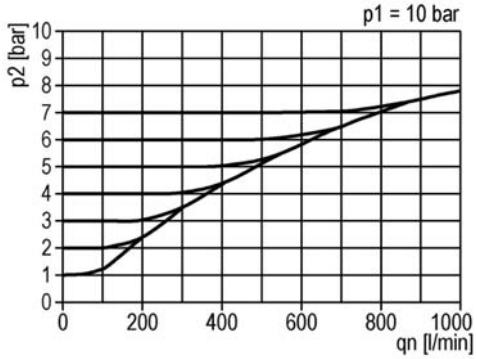
regolatore di pressione di precisione G1/2"

G1/2" precision pressure regulator



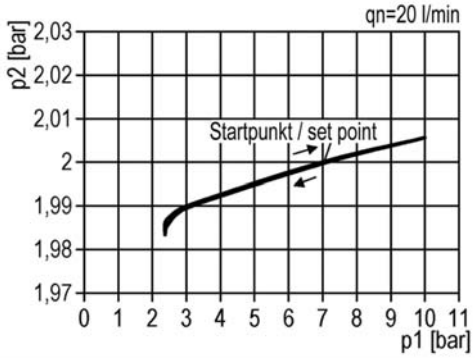
Caratteristiche del relieving

Relieving characteristics



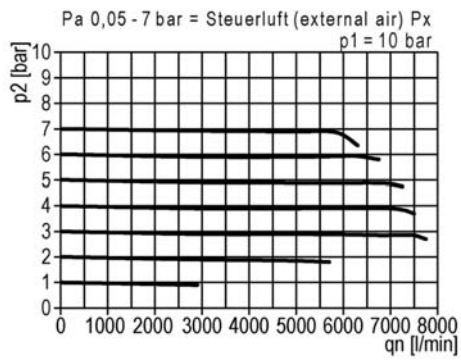
Isteresi

Hysteresis



Caratteristiche di portata (III)

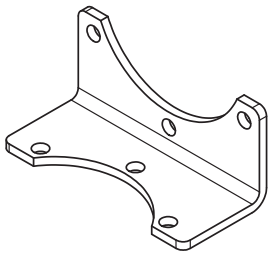
Flow characteristics (III)



16.231.0

Staffa di fissaggio

Mounting bracket



lubrificatore G1/4"-G3/8"-G1/2"

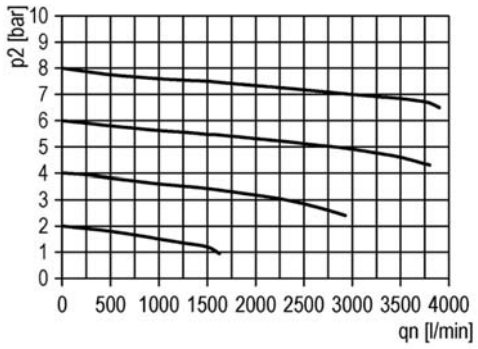
G1/4"-G3/8"-G1/2" lubricator

- Lubrificatore venturi con compensazione automatica della portata
  Oil mist lubricator with flow compensation
- Rifornimento olio manuale anche in presenza di pressione
  Manual oil refilling, possible also in presence of pressure
- Installazione verticale; staffa di fissaggio a richiesta
  Vertical installation; bracket on request
- Protezione della tazza di serie. A richiesta disponibile con filetti NPT
  Bowl protection already mounted. On request available with NPT threads
- Capacità tazza: 40 cm³ (G1/4"-G3/8"); 80 cm³ (G1/2")
  Bowl capacity: 40 cm³ (G1/4"-G3/8"); 80 cm³ (G1/2")

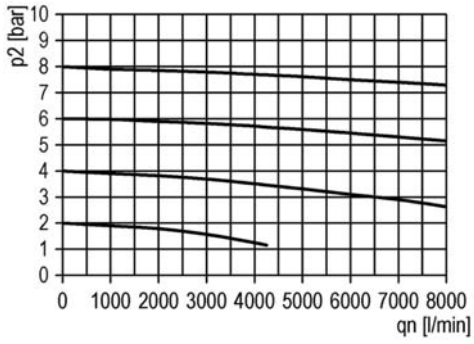
CODICE DI ORDINAZIONE *ORDER CODE*			**LUB 2K-00** **16.303.0**	**LUB 3K-00** **16.343.0**	**LUB 4K-00** **16.323.0**
Attacchi *Ports*			G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*			0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*			0.28 kg	0.28 kg	0.42 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	2800 Nl/min	2800 Nl/min	8000 Nl/min

Caratteristiche di portata
Flow characteristics

G1/4"-G3/8"

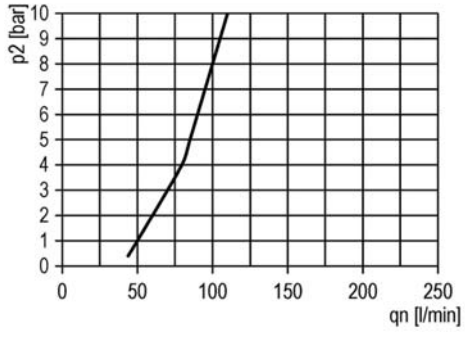


G1/2"

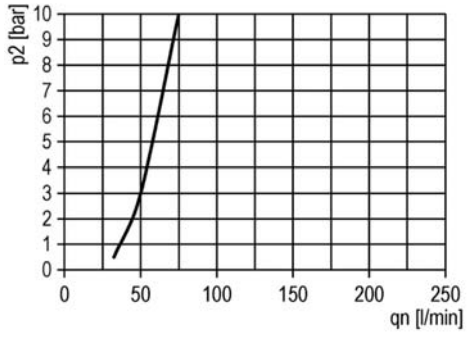


Rapporto olio/aria
Oil/air ratio

G1/4"-G3/8"



G1/2"

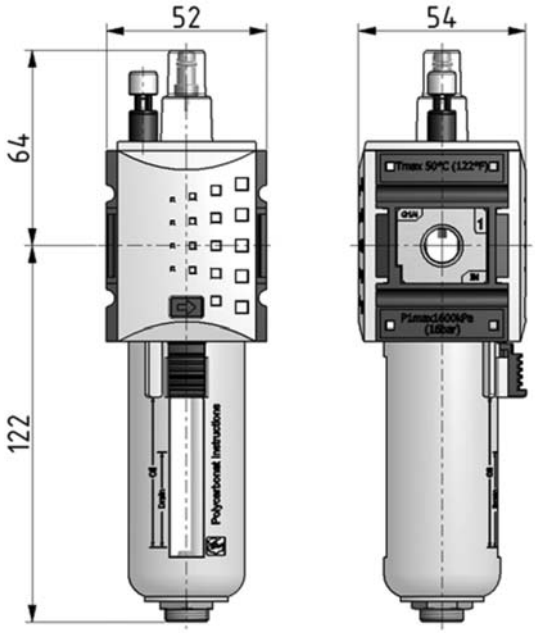


lubrificatore G1/4"-G3/8"-G1/2"

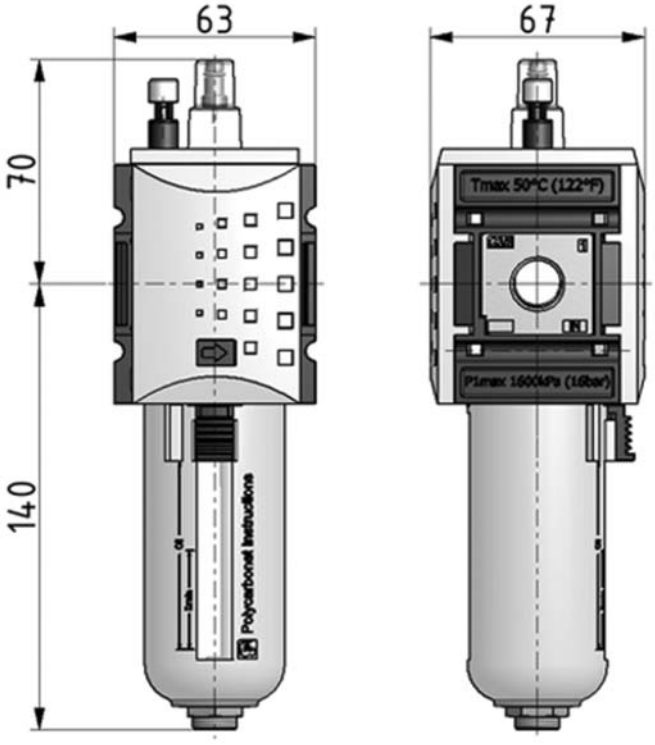
G1/4"-G3/8"-G1/2" lubricator

LUB 2K-00

LUB 3K-00



LUB 4K-00



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

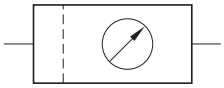
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

filtroregolatore G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" filter-regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving); filtro 5 μm
  Diaphragm-type pressure regulator with relieving; filtro 5 μm



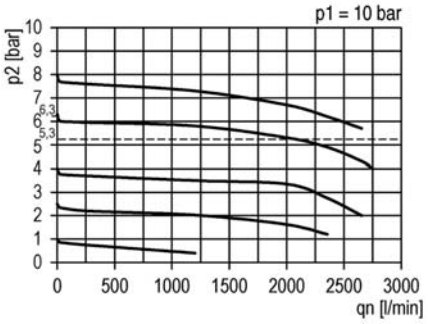
- Protezione della tazza di serie
  Bowl protection already mounted

- Installazione in linea o a pannello; staffa di fissaggio a richiesta. A richiesta disponibile con filetti NPT
  In-line or panel mounting; bracket on request. On request available with NPT threads

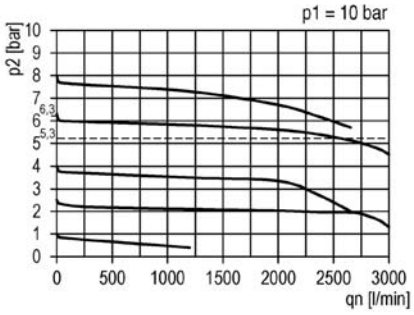
CODICE DI ORDINAZIONE *ORDER CODE*	scarico semiautomatico *semi-automatic moisture exhaust*		**FR 2K-08-05-S** **16.304.0**	**FR 3K-08-05-S** **16.344.0**	**FR 4K-08-05-S** **16.324.0**
	scarico automatico *automatic moisture exhaust*		**FR 2K-08-05-A** **16.103.3**	**FR 3K-08-05-A** **16.104.3**	**FR 4K-08-05-A** **16.105.3**
Attacchi *Ports*			G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*			0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*			0.37 kg	0.37 kg	0.56 kg
Pressione di alimentazione *Inlet pressure range*		$p_{1\ min}$ $p_{1\ max}$	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 8 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	2200 Nl/min	2600 Nl/min	5100 Nl/min

Caratteristiche di portata
Flow characteristics

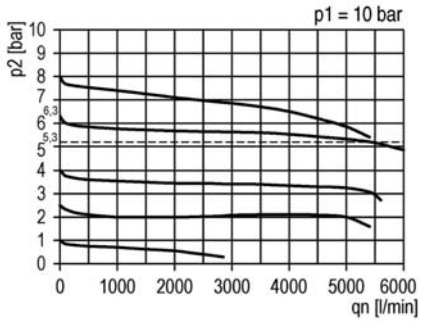
G1/4"



G3/8"

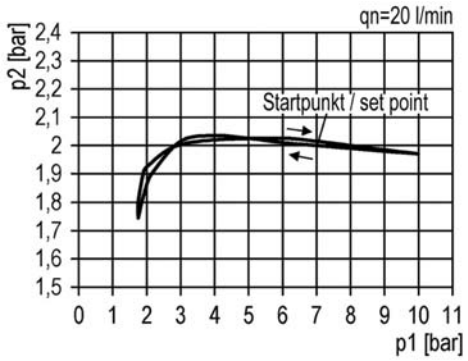


G1/2"

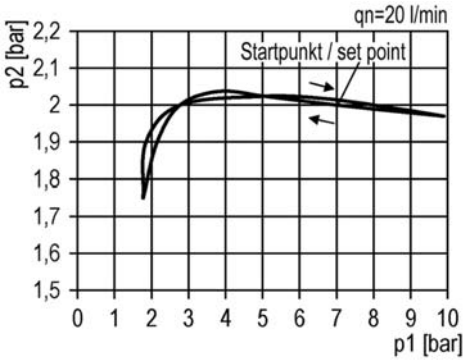


Isteresi
Hysteresis

G1/4"-G3/8"



G1/2"

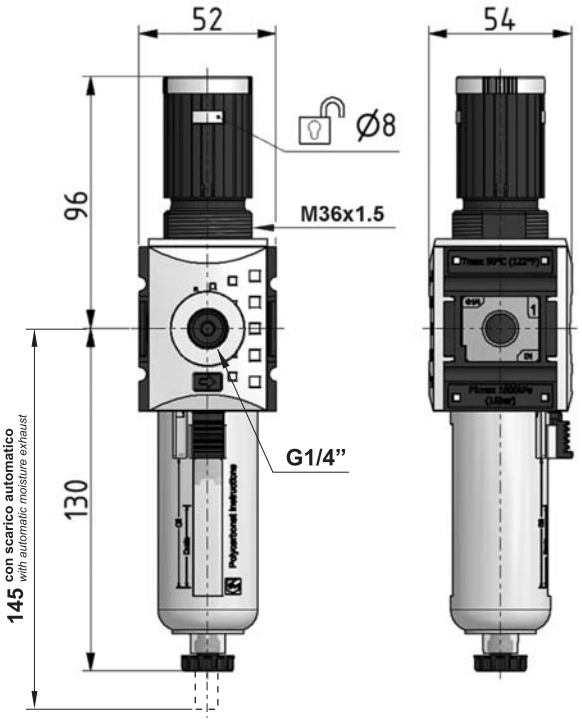


filtroregolatore G1/4"-G3/8"-G1/2"

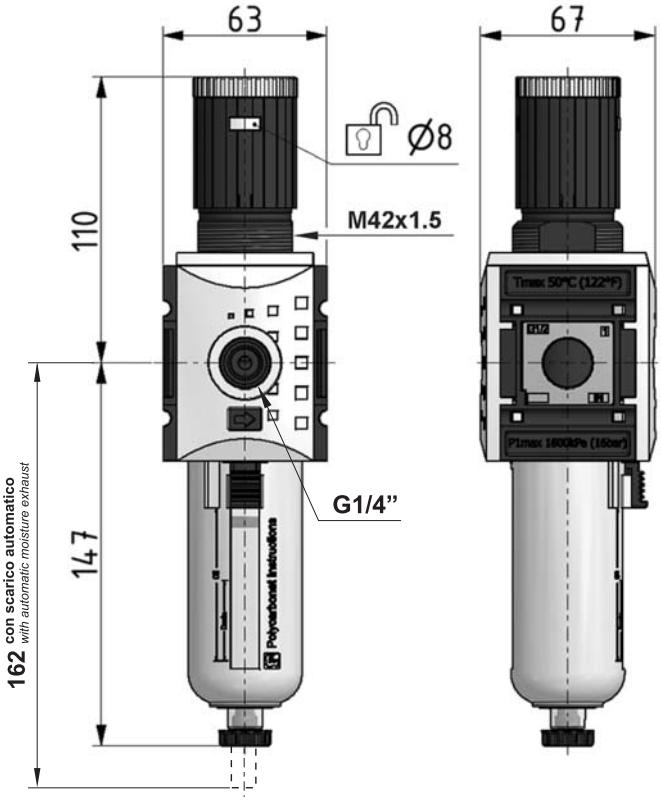
G1/4"-G3/8"-G1/2" filter-regulator

FR 2K-08-05-S **FR 2K-08-05-A**

FR 3K-08-05-S **FR 3K-08-05-A**



FR 4K-08-05-S **FR 4K-08-05-A**



Materiali

Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

Materials

Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

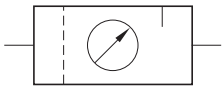
La staffa e la ghiera di fissaggio devono essere acquistate separatamente.
Mounting bracket and ring are bought separately.

Filetto per manometro: G1/4".
Thread for manometer: G1/4".

gruppo trattam. aria FR+L G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" FR+L air preparation unit

- Regolatore a membrana con valvola di scarico sovrapressione (relieving); filtro 5 μm
  Diaphragm-type pressure regulator with relieving; filtro 5 μm



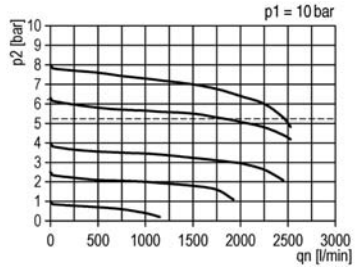
- Capacità tazza: 40 cm³ (G1/4"-G3/8"); 80 cm³ (G1/2"); protezione della tazza di serie
  Bowl capacity: 40 cm³ (G1/4"-G3/8"); 80 cm³ (G1/2"); bowl protection already mounted

- A richiesta disponibile con filetti NPT
  On request available with NPT threads

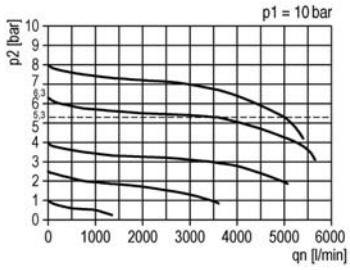
CODICE DI ORDINAZIONE *ORDER CODE*	scarico semiautomatico *semi-automatic moisture exhaust*		**FR+L 2K-08-05-S** **16.305.0**	**FR+L 3K-08-05-S** **16.345.0**	**FR+L 4K-08-05-S** **16.325.0**
	scarico automatico *automatic moisture exhaust*		**FR+L 2K-08-05-A** **16.106.3**	**FR+L 3K-08-05-A** **16.107.3**	**FR+L 4K-08-05-A** **16.108.3**
Attacchi *Ports*			G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*			0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*			0.68 kg	0.68 kg	1.06 kg
Pressione di alimentazione *Inlet pressure range*		$p_{1\ min}$ $p_{1\ max}$	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 8 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	1800 Nl/min	1800 Nl/min	3500 Nl/min

Caratteristiche di portata
Flow characteristics

G1/4"-G3/8"

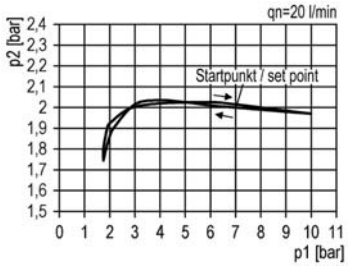


G1/2"

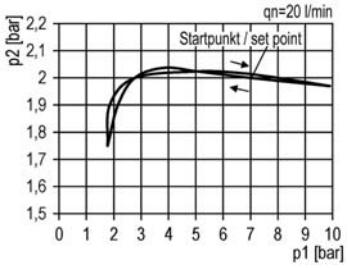


Isteresi
Hysteresis

G1/4"-G3/8"

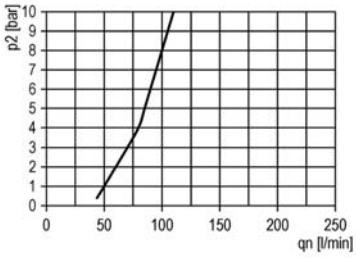


G1/2"

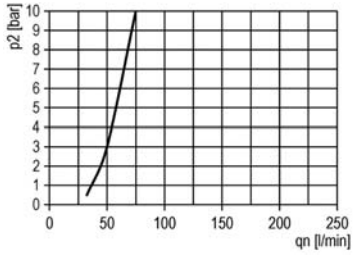


Rapporto olio/aria
Oil/air ratio

G1/4"-G3/8"



G1/2"

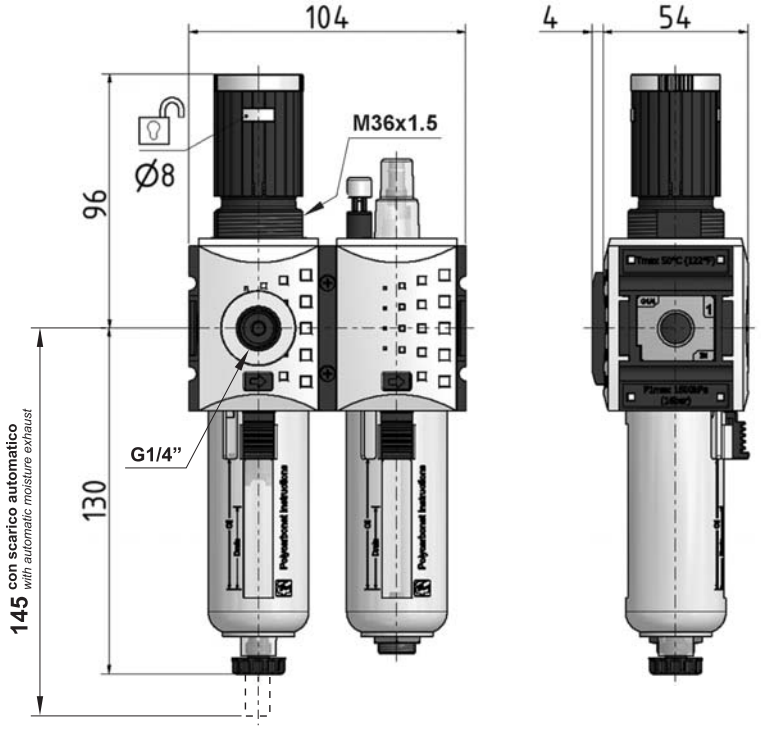


gruppo trattam. aria FR+L G1/4"-G3/8"-G1/2"

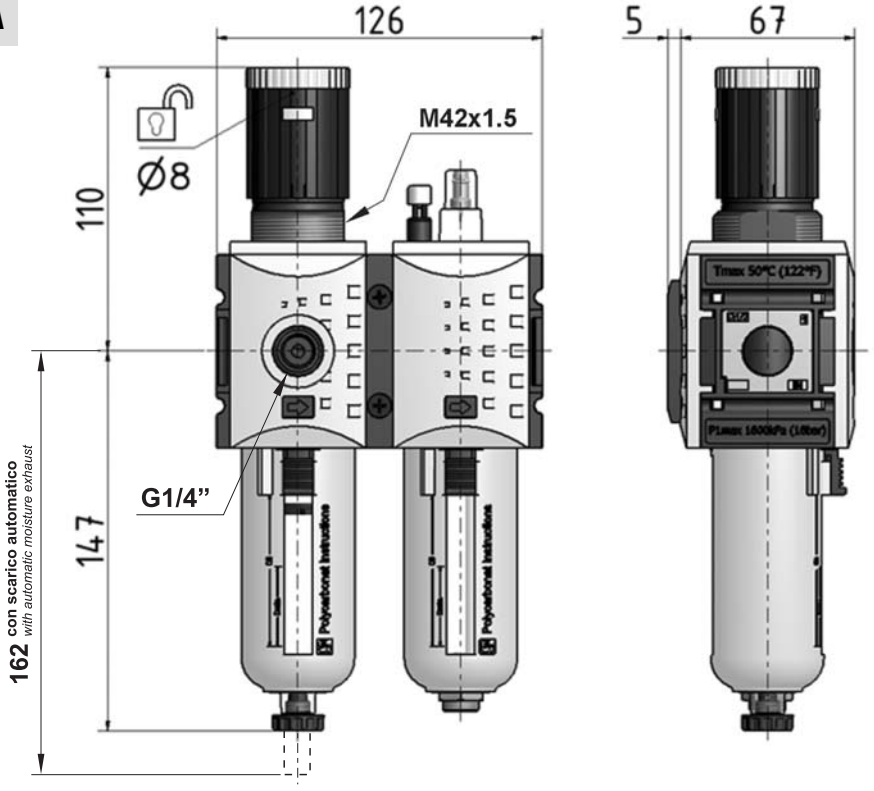
G1/4"-G3/8"-G1/2" FR+L air preparation unit

FR+L 2K-08-05-S **FR+L 2K-08-05-A**

FR+L 3K-08-05-S **FR+L 3K-08-05-A**



FR+L 4K-08-05-S **FR+L 4K-08-05-A**



Materiali

Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

Materials

Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

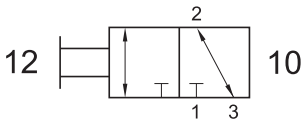
La staffa e la ghiera di fissaggio devono essere acquistate separatamente.
Mounting bracket and ring are bought separately.

Filetto per manometro: G1/4".
Thread for manometer: G1/4".

valv. sezionam. circuito 3/2 G1/4"-G3/8"-G1/2"

3/2 G1/4"-G3/8"-G1/2" shut-off valve

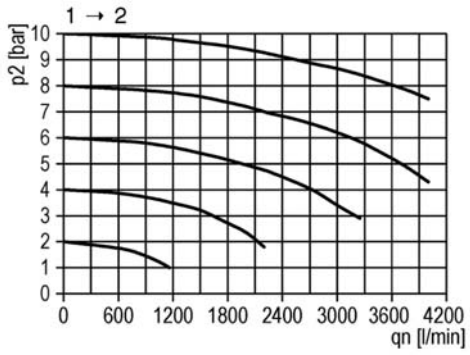
- Elemento modulare ad alte prestazioni
  High performance modular element
- Elevata portata in scarico
  High exhaust flow rate
- Comando manuale; possibilità di chiusura a lucchetto
  Manual actuation; it can be secured with a padlock
- Installazione in qualsiasi posizione
  Installation in any position
- A richiesta disponibile con filetti NPT
  On request available with NPT threads



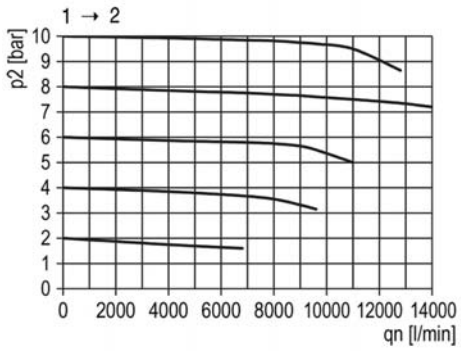
CODICE DI ORDINAZIONE *ORDER CODE*		**SR-M2K** **16.308.0**	**SR-M3K** **16.348.0**	**SR-M4K** **16.328.0**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.27 kg	0.27 kg	0.53 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata massima in entrata *Inlet maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	1900 Nl/min	1900 Nl/min	11000 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*	Q_{max}	400 Nl/min	400 Nl/min	3000 Nl/min

Portata in entrata
Inlet flow rate

G1/4"-G3/8"

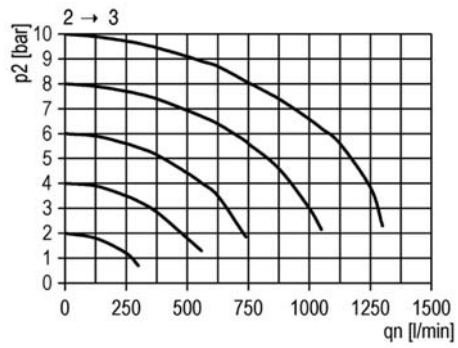


G1/2"

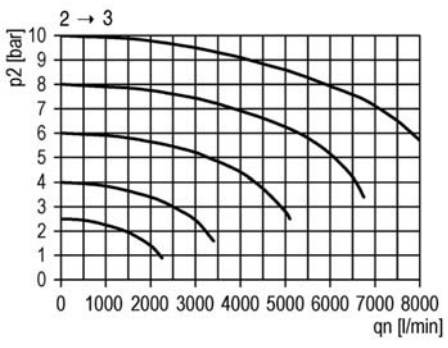


Portata in scarico
Exhaust flow rate

G1/4"-G3/8"



G1/2"

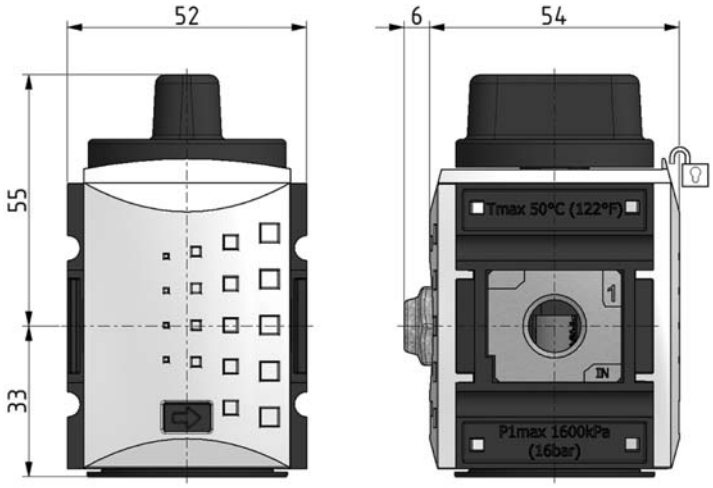


valv. sezionam. circuito 3/2 G1/4"-G3/8"-G1/2"

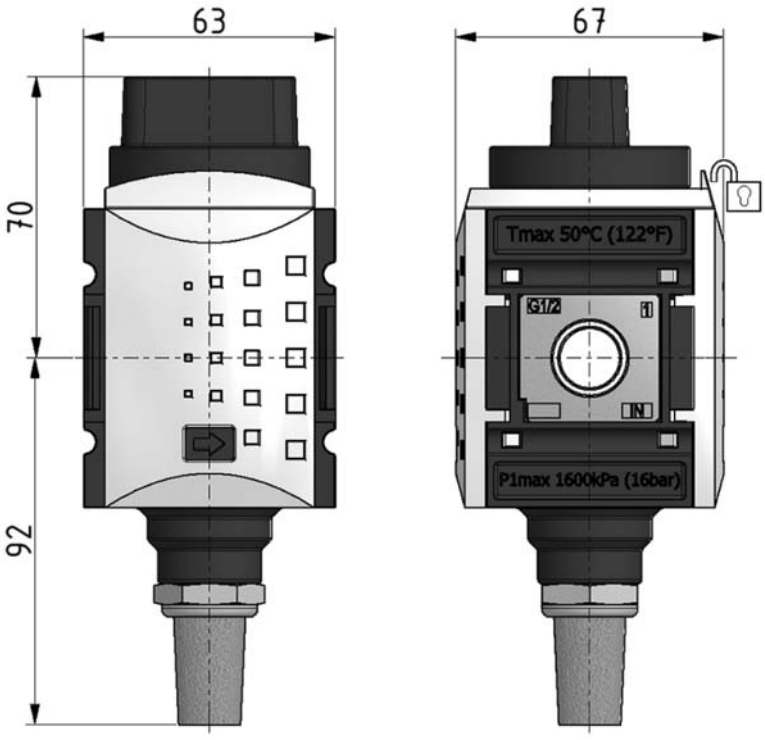
3/2 G1/4"-G3/8"-G1/2" shut-off valve

SR-M2K

SR-M3K



SR-M4K



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

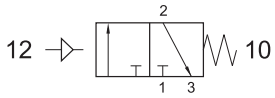
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

valvola di scarico rapido G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" quick exhaust valve

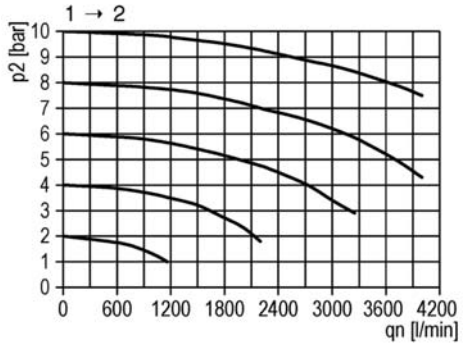
- Valvola 3/2 di scarico rapido e sezionamento circuito a **comando pneumatico**
  Pneumatically actuated 3/2 quick exhaust and shut-off valve
- Elevata portata in scarico
  High exhaust flow rate
- A richiesta disponibile con filetti NPT
  On request available with NPT threads



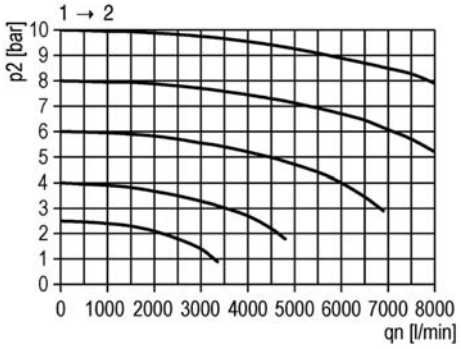
CODICE DI ORDINAZIONE *ORDER CODE*		**SCR 2K-P** **16.310.0**	**SCR 3K-P** **16.350.0**	**SCR 4K-P** **16.330.0**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.26 kg	0.26 kg	0.56 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata massima in entrata *Inlet maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	2000 Nl/min	2000 Nl/min	4300 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*	Q_{max}	400 Nl/min	400 Nl/min	3000 Nl/min

Portata in entrata
Inlet flow rate

G1/4"-G3/8"

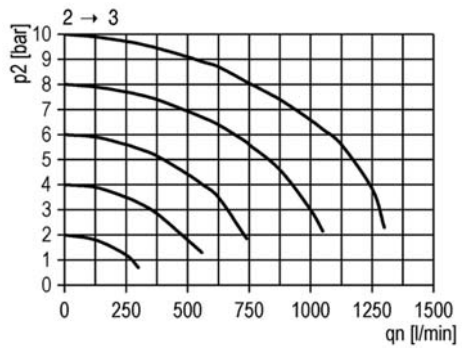


G1/2"

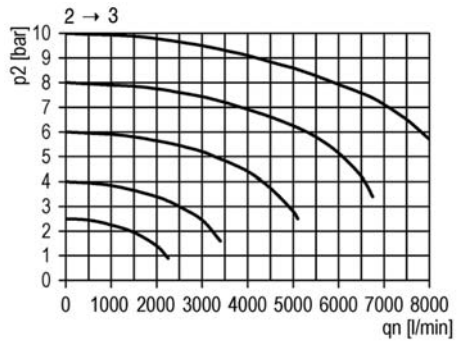


Portata in scarico
Exhaust flow rate

G1/4"-G3/8"



G1/2"

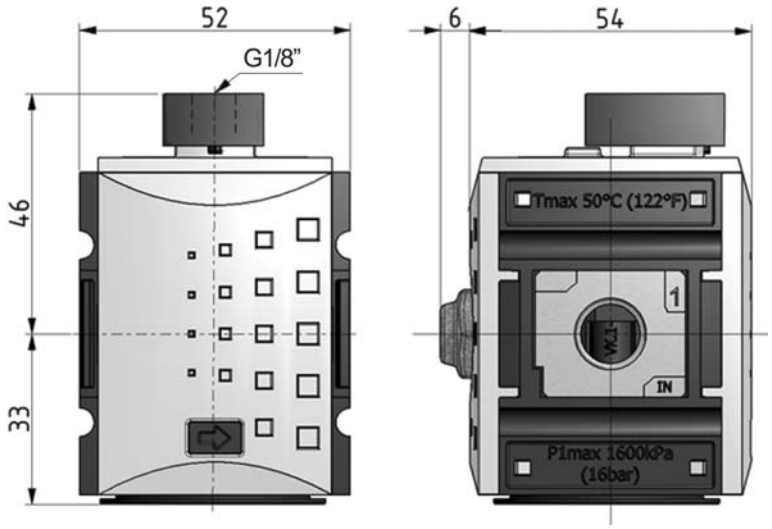


valvola di scarico rapido G1/4"-G3/8"-G1/2"

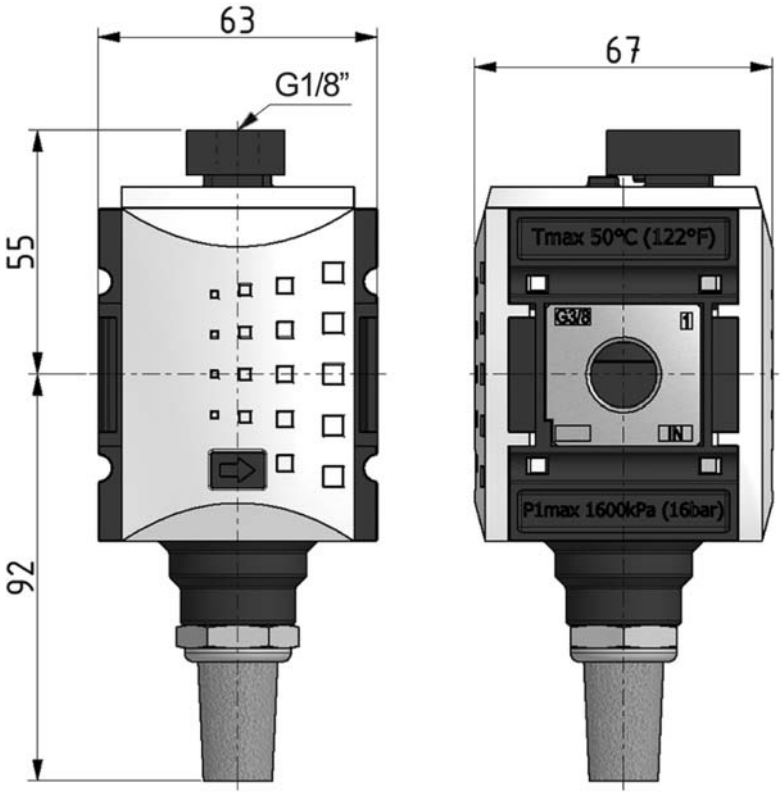
G1/4"-G3/8"-G1/2" quick exhaust valve

SCR 2K-P

SCR 3K-P



SCR 4K-P



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

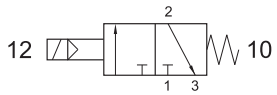
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

valvola di scarico rapido G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" quick exhaust valve

- Valvola 3/2 di scarico rapido e sezionamento circuito a **comando elettrico**
  Solenoid actuated 3/2 quick exhaust and shut-off valve



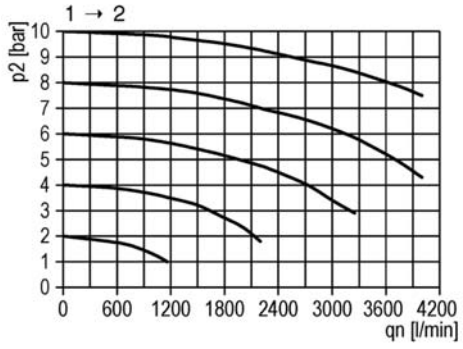
- Elevata portata in scarico
  High exhaust flow rate

- A richiesta disponibile con filetti NPT
  On request available with NPT threads

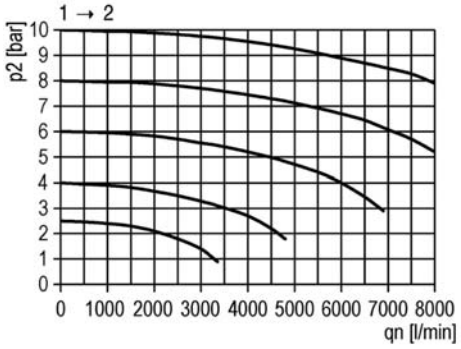
CODICE DI ORDINAZIONE *ORDER CODE*		**SCR 2K-E** **16.310.3**	**SCR 3K-E** **16.340.3**	**SCR 4K-E** **16.330.3**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.38 kg	0.38 kg	0.68 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0 bar; 0 MPa 10 bar; 1 MPa	0 bar; 0 MPa 10 bar; 1 MPa	0 bar; 0 MPa 10 bar; 1 MPa
Portata massima in entrata *Inlet maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	2000 Nl/min	2000 Nl/min	4300 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*	Q_{max}	400 Nl/min	400 Nl/min	3000 Nl/min

Portata in entrata
Inlet flow rate

G1/4"-G3/8"

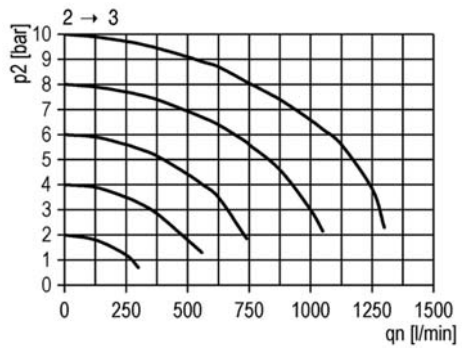


G1/2"

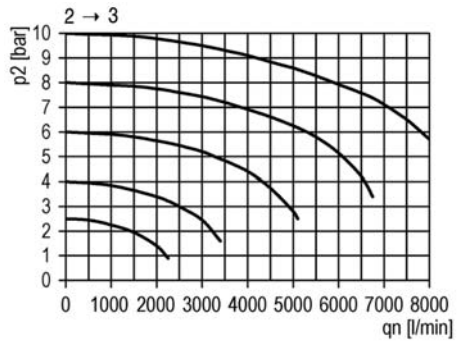


Portata in scarico
Exhaust flow rate

G1/4"-G3/8"



G1/2"

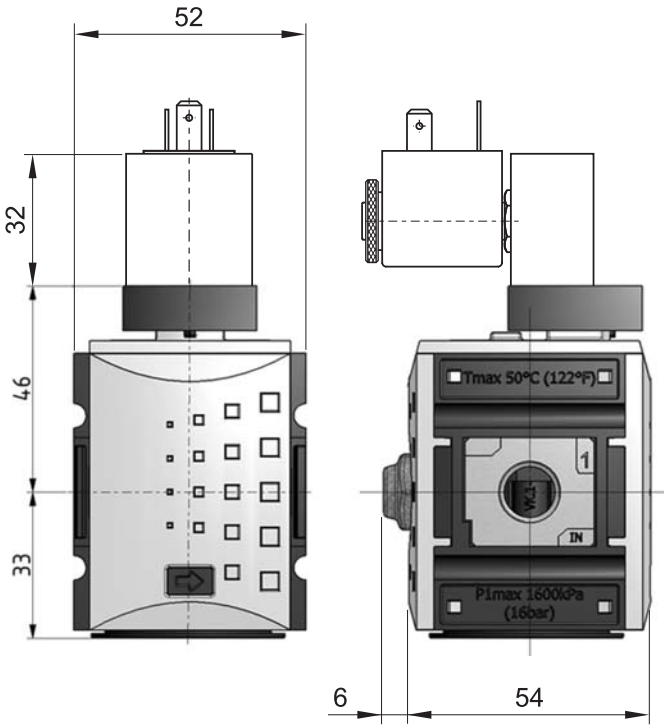


valvola di scarico rapido G1/4"-G3/8"-G1/2"

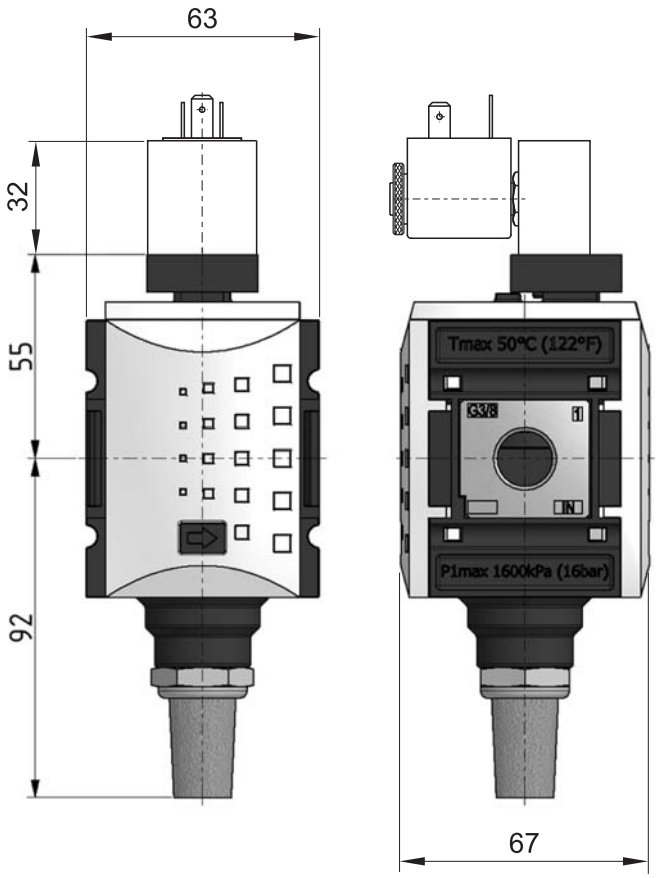
G1/4"-G3/8"-G1/2" quick exhaust valve

SCR 2K-E

SCR 3K-E



SCR 4K-E



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

Il prodotto è venduto senza bobina, da acquistarsi separatamente (vedi pag. 372 catalogo generale).
The product is sold without coil, which is bought separately (refer to page 372 of general catalogue).

avviatore progressivo G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" slow-start valve

Modalità di funzionamento

La valvola fornisce a un circuito pneumatico aria a pressione progressivamente crescente fino a raggiungere la metà della pressione di rete nel tempo impostato con la vite di regolazione integrata. Durante questa fase non devono essere attivi gli elementi del circuito che consumano aria. Raggiunta la soglia di commutazione, l'avviatore progressivo passa automaticamente a fornire la pressione di rete.
L'avviatore progressivo impedisce eventuali movimenti improvvisi dei dispositivi pneumatici montati nel circuito, che si potrebbero avere se venisse fornita immediatamente la pressione di rete.

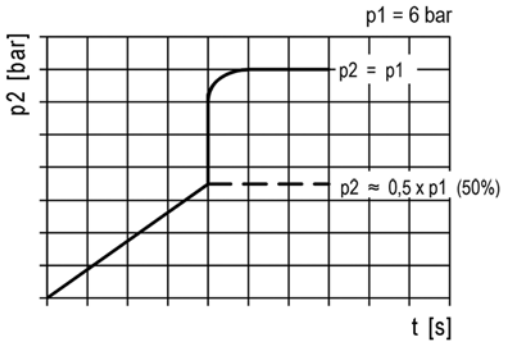
Valve operation

The valve applies to a pneumatic circuit a progressively increasing pressure over a period of time set by the integrated screw. During this phase no air consumption is allowed in the circuit. After having reached the half of the system pressure, the slow-start valve begins to automatically feed the circuit with the system pressure.
The slow-start valve prevents from unexpected motions of the pneumatic devices in the circuit, which could happen by applying directly the system pressure.

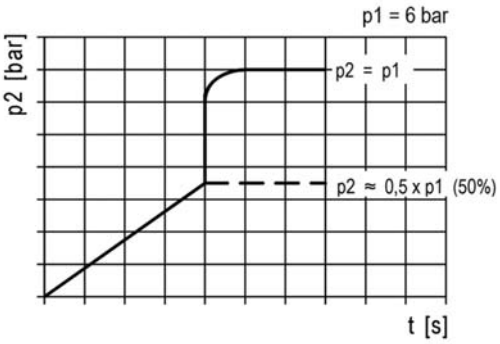
CODICE DI ORDINAZIONE *ORDER CODE*			**AVP 2K-00** **16.311.0**	**AVP 3K-00** **16.351.0**	**AVP 4K-00** **16.331.0**
Attacchi *Ports*			G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*			0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*			0.24 kg	0.24 kg	0.53 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	2.5 bar; 0.25 MPa 16 bar; 1.6 MPa	2.5 bar; 0.25 MPa 16 bar; 1.6 MPa	2.5 bar; 0.25 MPa 16 bar; 1.6 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	1900 Nl/min	1900 Nl/min	400 Nl/min

Rapporto tempo/pressione
Time/pressure ratio

G1/4"-G3/8"

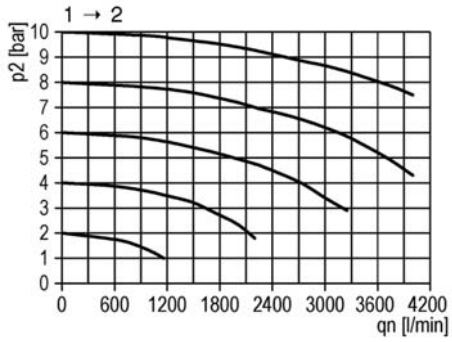


G1/2"

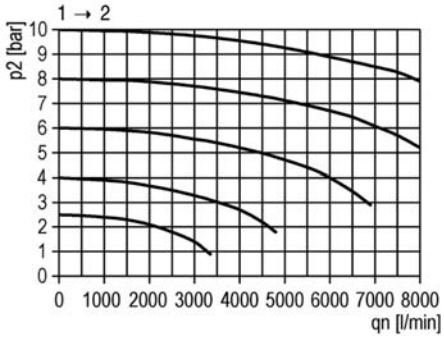


Portata in scarico
Exhaust flow rate

G1/4"-G3/8"



G1/2"



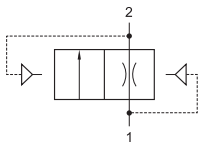
avviatore progressivo G1/4"-G3/8"-G1/2"

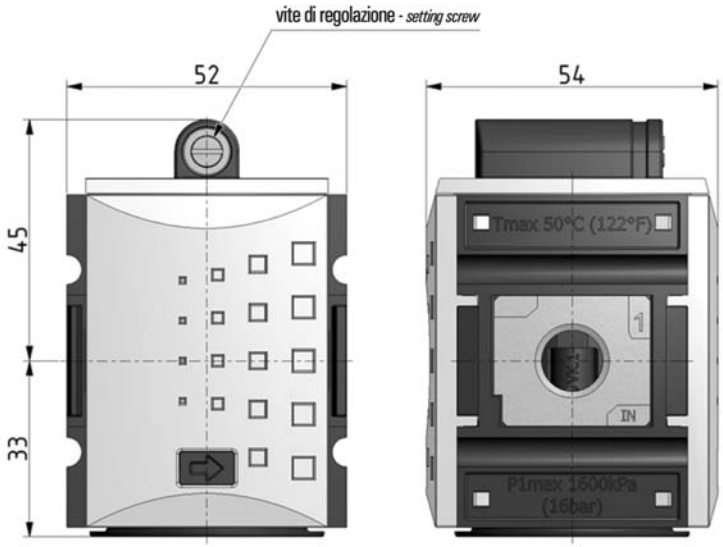
G1/4"-G3/8"-G1/2" slow-start valve

AVP 2K-00

AVP 3K-00

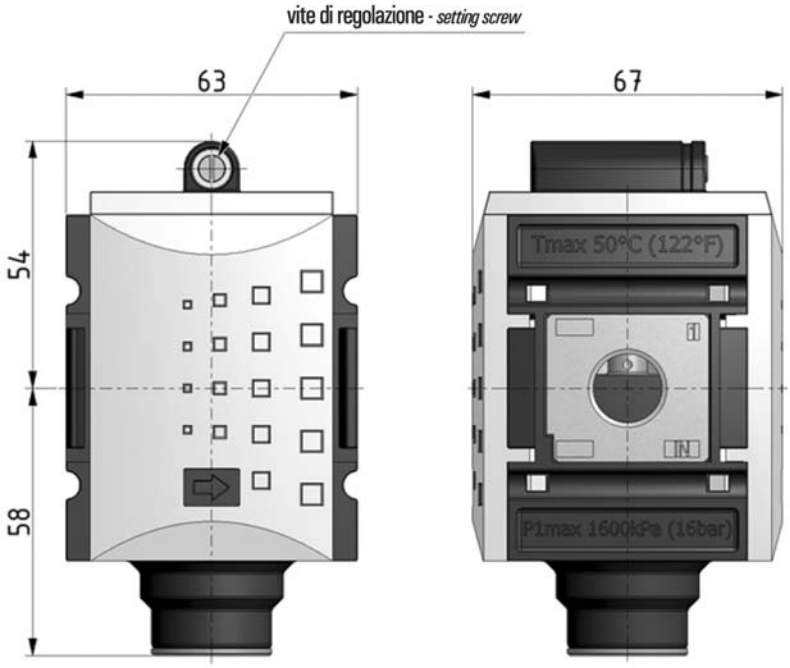
A richiesta disponibile con filetti NPT
On request available with NPT threads





AVP 4K-00

A richiesta disponibile con filetti NPT
On request available with NPT threads



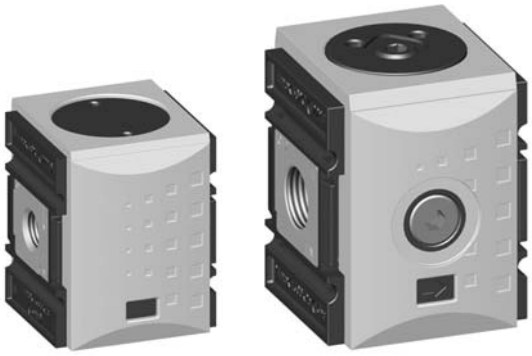
Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

valvola di non ritorno G1/4"-G3/8"-G1/2"

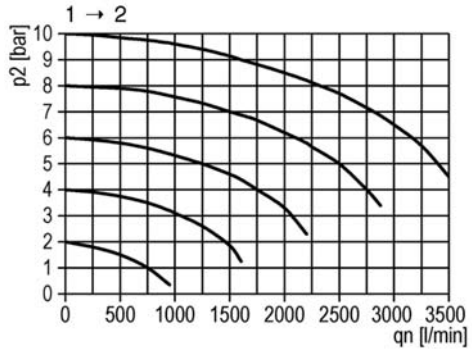
G1/4"-G3/8"-G1/2" non-return valve



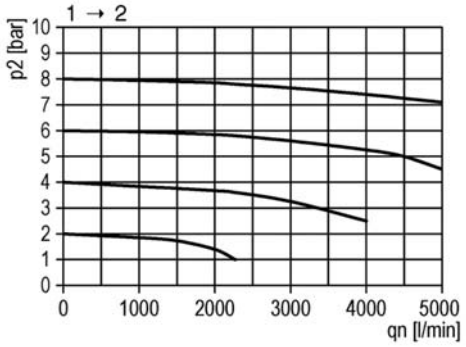
CODICE DI ORDINAZIONE *ORDER CODE*		**VNR 2K** **16.315.0**	**VNR 3K** **16.355.0**	**VNR 4K** **16.335.0**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.24 kg	0.24 kg	0.37 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0.4 bar; 0.04 MPa 16 bar; 1.6 MPa	0.4 bar; 0.04 MPa 16 bar; 1.6 MPa	0.4 bar; 0.04 MPa 16 bar; 1.6 MPa
Portata massima diretta *Direct maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	1250 Nl/min	1250 Nl/min	4500 Nl/min
Portata massima laterale *Maximum flow rate in side direction*	Q_{max}	700 Nl/min	700 Nl/min	1150 Nl/min

Portata diretta
Direct flow rate

G1/4"-G3/8"

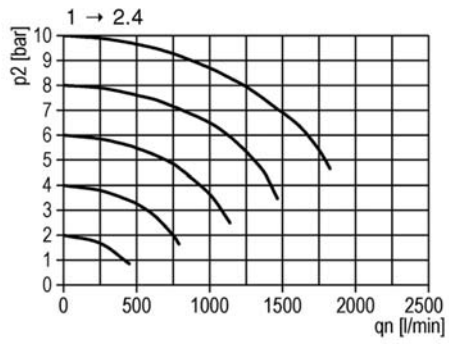


G1/2"

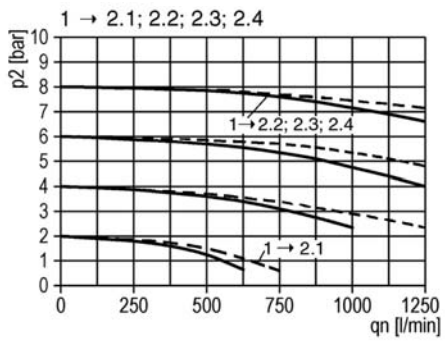


Portata laterale
Side flow rate

G1/4"-G3/8"



G1/2"



valvola di non ritorno G1/4"-G3/8"-G1/2"

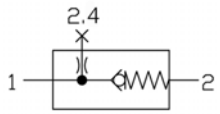
G1/4"-G3/8"-G1/2" non-return valve

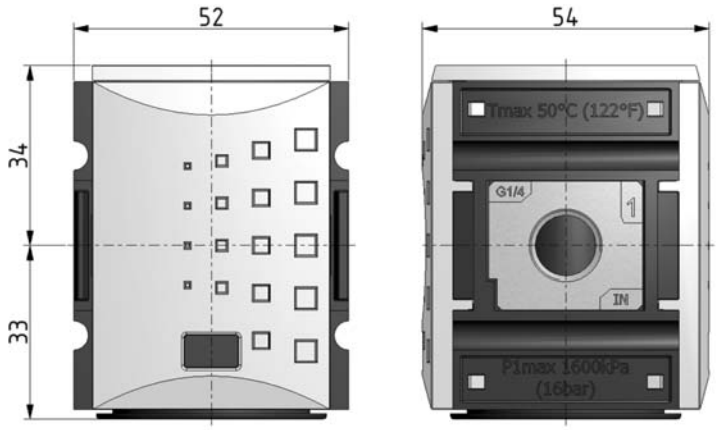
VNR 2K

VNR 3K

A richiesta disponibile con filetti NPT

On request available with NPT threads

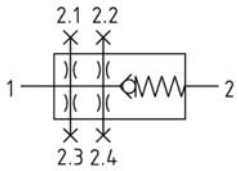


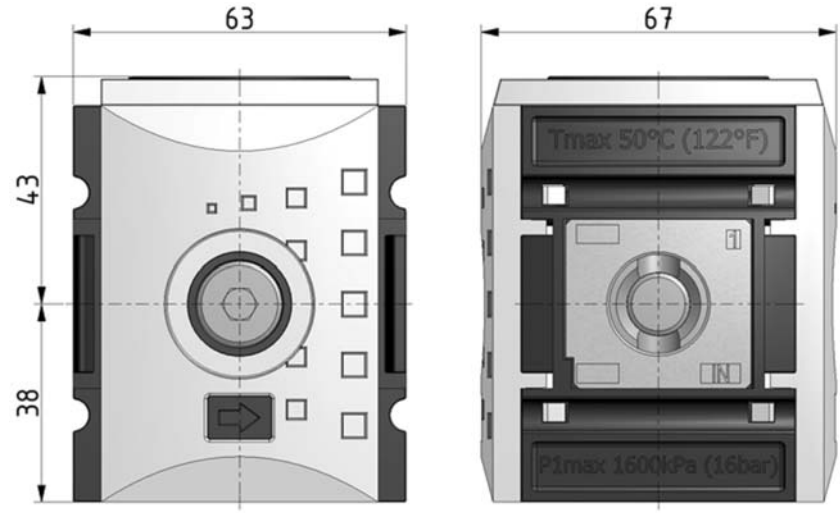


VNR 4K

A richiesta disponibile con filetti NPT

On request available with NPT threads





Materiali

Corpo: tecnopolimero

Guarnizioni: NBR

Parti interne: ottone e INOX

Materials

Body: technopolymer

Seals: NBR

Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.

Mounting bracket is bought separately.

PRESA D'ARIA

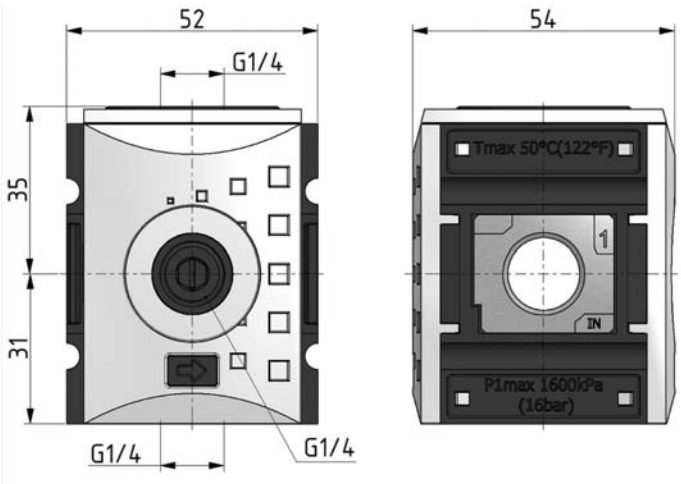
porting block

Può essere utilizzata per prelevare aria non lubrificata e/o non regolata.

It can be used to provide unlubricated and/or unregulated air.

G1/4" **PAI 2K-00** **16.312.0**

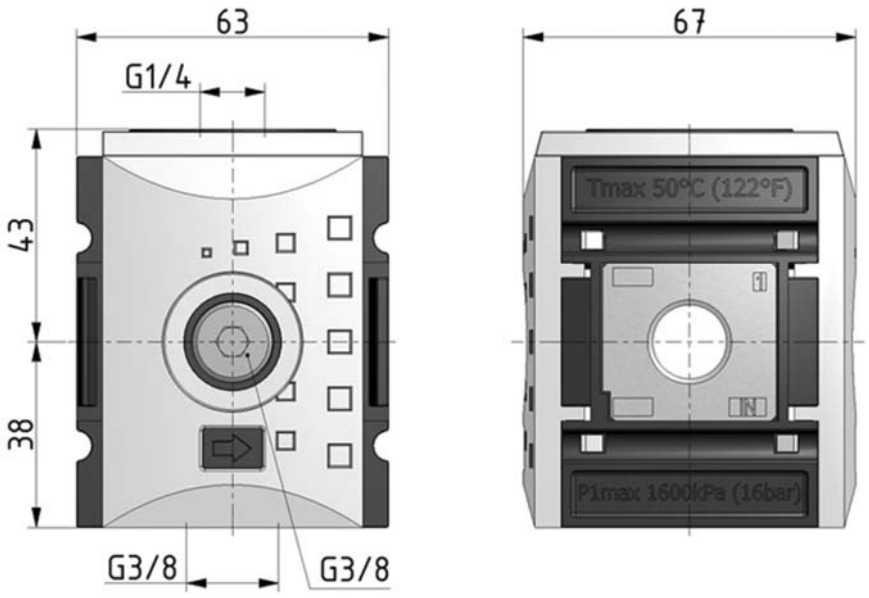
G3/8" **PAI 3K-00** **16.352.0**



A richiesta disponibile con filetti NPT

On request available with NPT threads

G1/2" **PAI 4K-00** **16.332.0**



A richiesta disponibile con filetti NPT

On request available with NPT threads

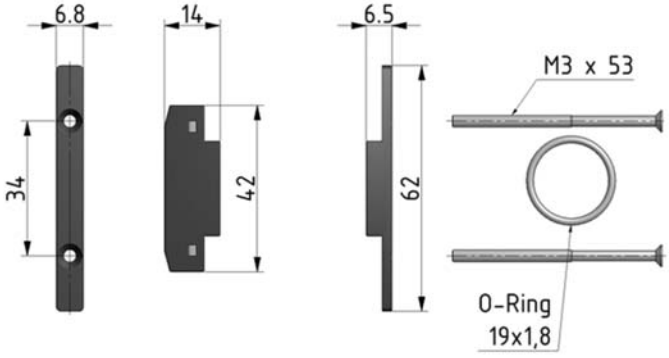
KIT MONTAGGIO

coupling kit

KIT 2K-00

16.313.0

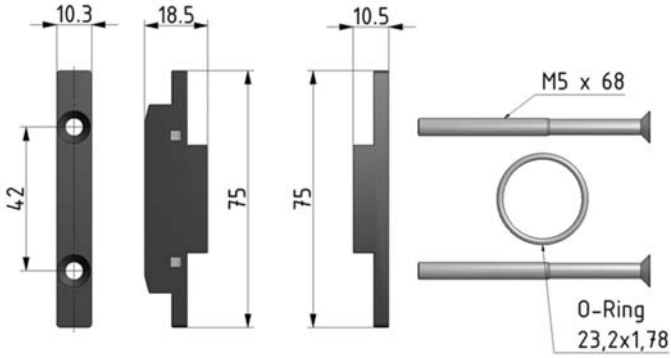
G1/4"-G3/8"



KIT 4K-00

16.333.0

G1/2"



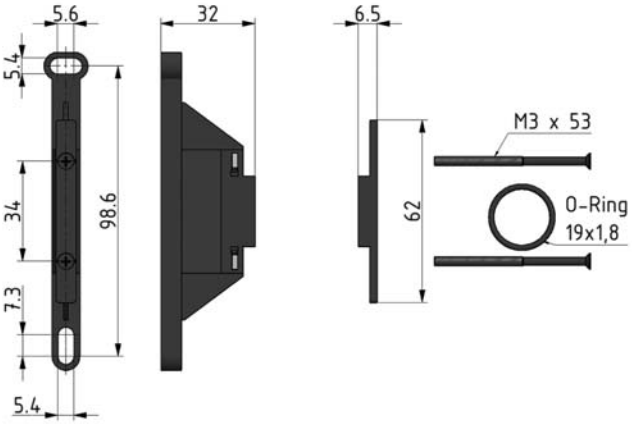
KIT MONTAGGIO CON STAFFA DI FISSAGGIO

coupling kit with mounting bracket

KIT 2K-01

16.314.0

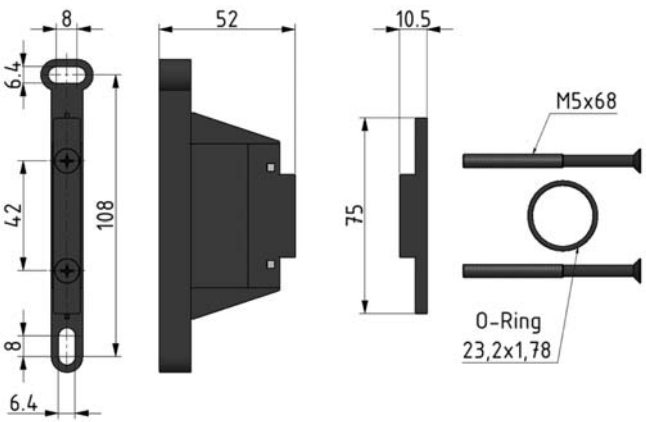
G1/4"-G3/8"



KIT 4K-01

16.334.0

G1/2"



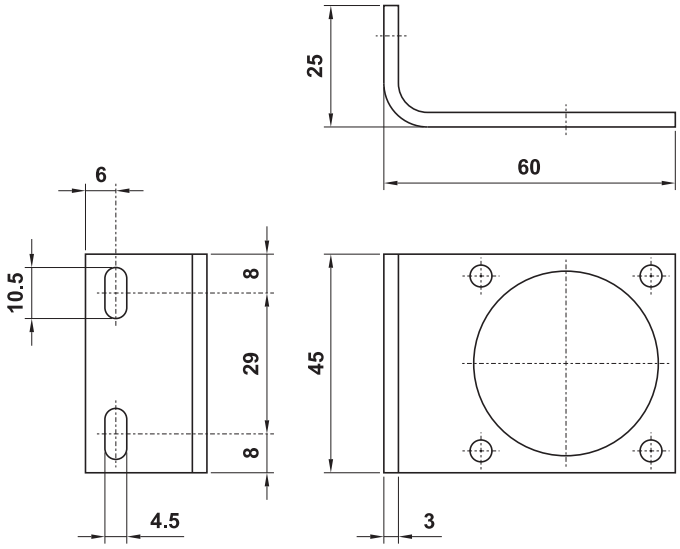
STAFFE DI FISSAGGIO

mounting brackets

STF 3A

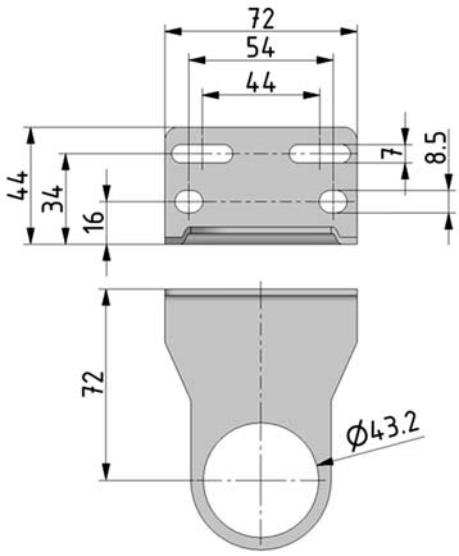
16.011.2

G1/4"-G3/8"



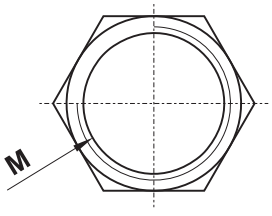
16.338.0

G1/2"



GHIERA DI FISSAGGIO

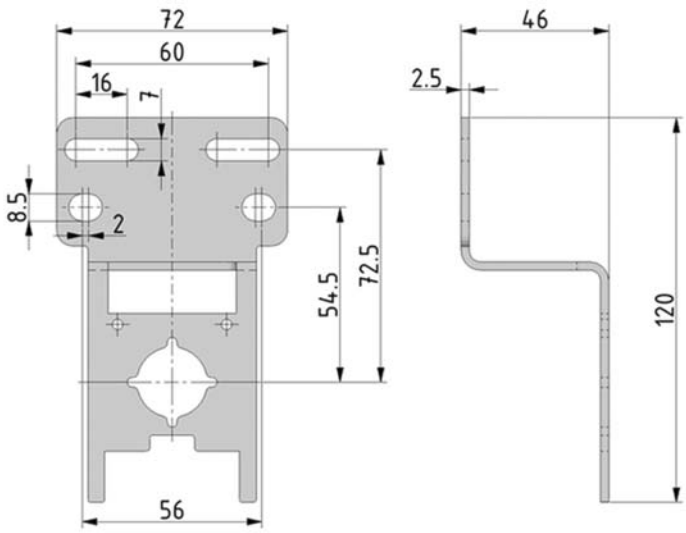
mounting ring



codice *part number*	per serie *for series*	M
16.030.0	G1/4"-G3/8"	M36x1.5
16.329.0	G1/2"	M42x1.5

16.289.0

G1/2"

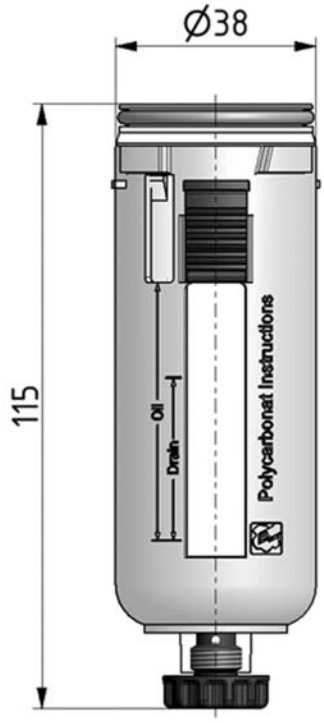


TAZZA PER FILTRO CON SCARICO SEMIAUTOMATICO

bowl for filter with semi-automatic moisture exhaust

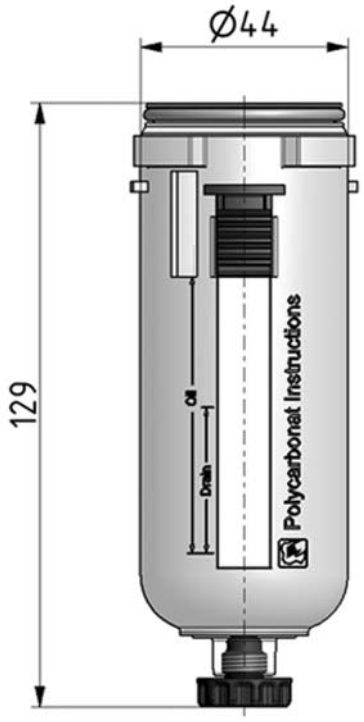
16.320.0

G1/4"-G3/8"



16.349.0

G1/2"



TAZZA PER FILTRO CON SCARICO AUTOMATICO

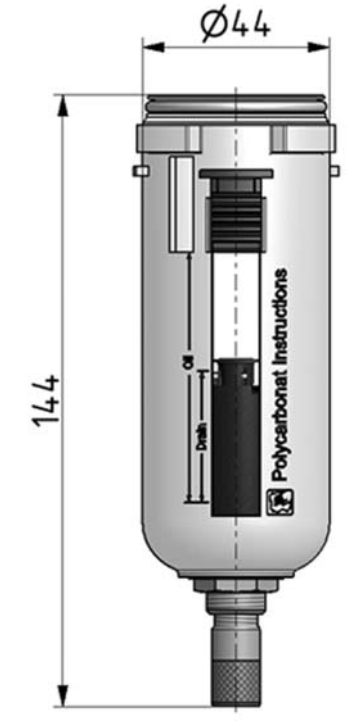
bowl for filter with automatic moisture exhaust

16.319.0

G1/4"-G3/8"

16.337.0

G1/2"



gruppi trattamento aria
G1/2”-G3/4”

air preparation units
G1/2”-G3/4”

filtro separatore G1/2"-G3/4"

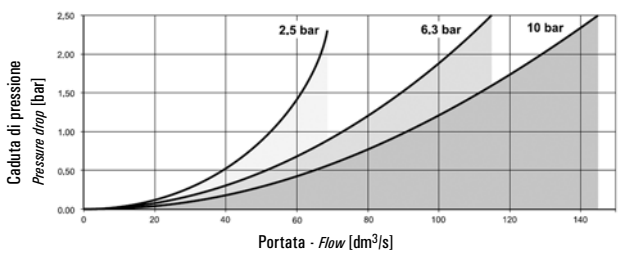
G1/2"-G3/4" filter-water-separator

- Sistema di funzionamento: gruppo ciclone ed elemento filtrante
  Cyclone system and filter element
- Separazione condensa: 95%
  Moisture separation: 95%
- Scarico della condensa semiautomatico o automatico
  Semi-automatic or automatic moisture exhaust
- Capacità della tazza: 60 cm³
  Bowl capacity: 60 cm³
- Installazione verticale; staffa di fissaggio a richiesta (cod. STF 4N)
  Vertical installation; bracket on request (code STF 4N)
- Protezione della tazza di serie
  Bowl protection already mounted

CODICE DI ORDINAZIONE *ORDER CODE*			G1/2": **FIL 4N-05-S** G3/4": **FIL 5N-05-S**	G1/2": **FIL 4N-05-A** G3/4": **FIL 5N-05-A**
Attacchi *Ports*			G1/2" G3/4"	G1/2" G3/4"
Scarico della condensa *Moisture exhaust*			semiautomatico *semi-automatic*	automatico *automatic*
Temperatura di esercizio *Temperature range*			-10 ... +50°C	-10 ... +50°C
Peso *Weight*			0.32 kg	0.32 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata raccomandata *Recommended flow rate*	p = 6 bar a 25 m/s *p = 6 bar at 25 m/s*	Q_n	3300 Nl/min	3300 Nl/min
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	5700 Nl/min	5700 Nl/min
Elemento filtrante *Filter element*			5 μm	5 μm

Caratteristiche di portata

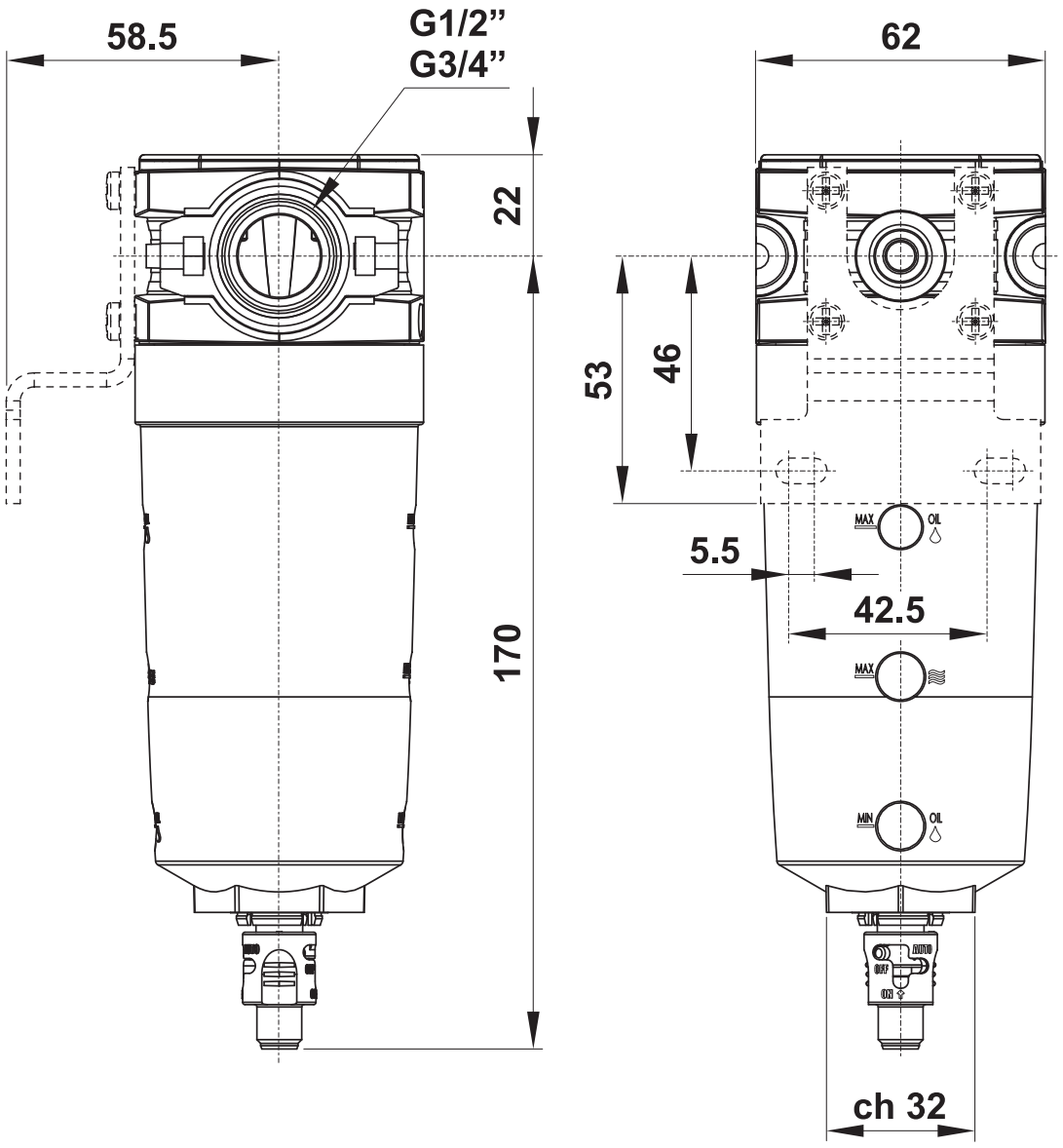
Flow characteristics



filtro separatore G1/2"-G3/4"

G1/2"-G3/4" filter-water-separator

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Coperchio: ABS
Tazza interna: polipropilene

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Cover: ABS
Internal bowl: polypropylene

regolatore di pressione G1/2"-G3/4"

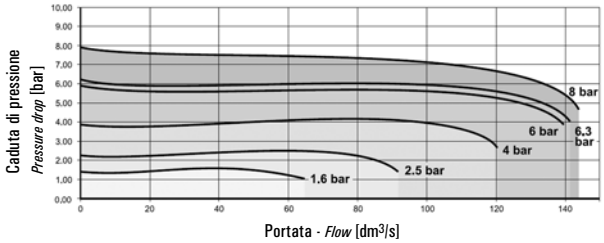
G1/2"-G3/4" pressure regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
  Diaphragm-type pressure regulator with relieving
- Autocompensazione durante la regolazione
  Self-compensated regulation
- Elevata portata
  High flow rate
- Grande sensibilità
  Sensitive regulation
- Installazione in linea o a pannello; staffa di fissaggio a richiesta (cod. STF 4N)
  In-line or panel mounting; bracket on request (code STF 4N)

CODICE DI ORDINAZIONE *ORDER CODE*		**G1/2": REG 4N-08** **G3/4": REG 5N-08**
Attacchi *Ports*		G1/2" G3/4"
Temperatura di esercizio *Temperature range*		-10 ... +50°C
Peso *Weight*		0.36 kg
Pressione di alimentazione *Inlet pressure range*	$p_{1\ min}$ $p_{1\ max}$	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*	$p_{2\ min}$ $p_{2\ max}$	0.5 bar; 0.05 MPa 16 bar; 1.6 MPa
Differenza minima di pressione (Δp) *Minimum pressure difference (Δp)*	$p_1 - p_2$	0.2 bar; 0.02 MPa
Isteresi *Hysteresis*	p_1 = 10 bar / p_2 = 0 bar p_1 = 10 bar / p_2 = 8 bar	0.9 0.7
Portata massima *Maximum flow rate* p_1 = 10 bar; p_2 = 6.3 bar; Δp = 1 bar	Q_{max}	7320 Nl/min

Caratteristiche di portata

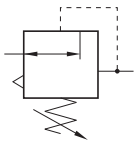
Flow characteristics

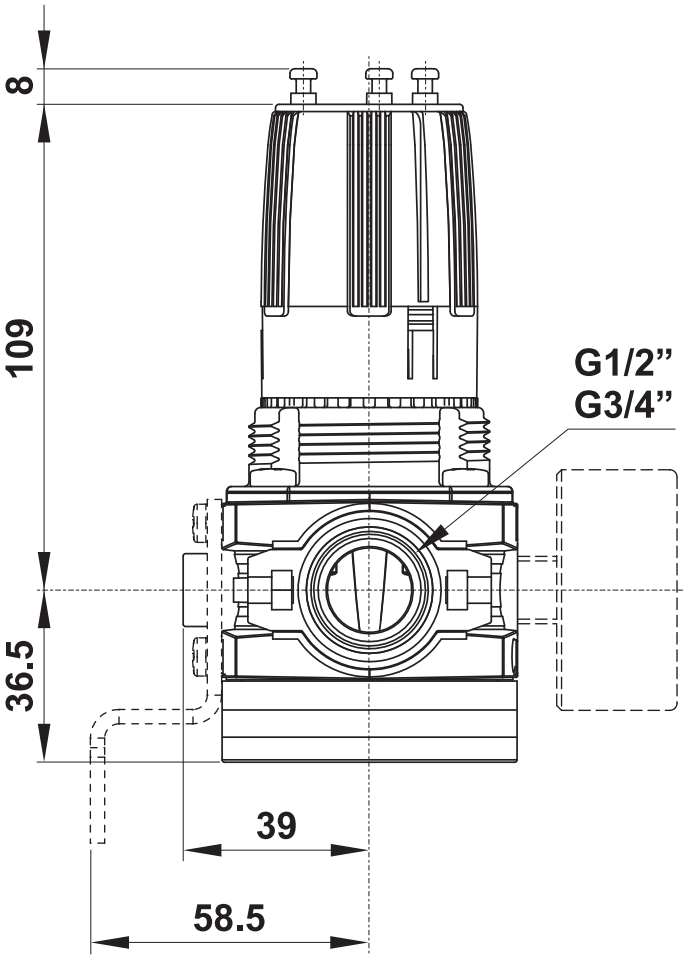


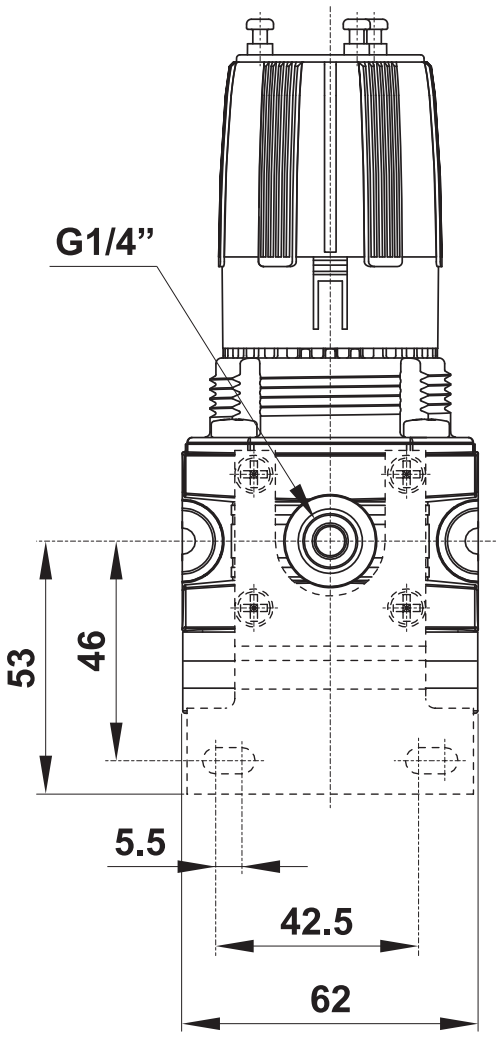
regolatore di pressione G1/2"-G3/4"

G1/2"-G3/4" pressure regulator

La staffa di fissaggio e il manometro devono essere acquistati separatamente.
Mounting bracket and manometer are bought separately.







Materiali
Corpo: tecnopolimero
Molle: INOX
Guarnizioni: NBR
Parti interne: ottone e INOX
Parti esterne: polimeri rinforzati, ABS

Materials
Body: technopolymer
Springs: stainless steel
Seals: NBR
Internal parts: brass and stainless steel
External parts: reinforced polymer, ABS

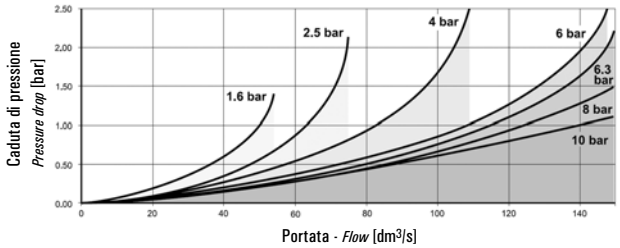
lubrificatore G1/2"-G3/4"

G1/2"-G3/4" lubricator

- Lubrificatore venturi con compensazione automatica della portata
  Oil mist lubricator with flow compensation
- Lubrificazione autoregolabile
  Self-adjusting lubrication
- Capacità tazza: 90 cm³
  Bowl capacity: 90 cm³
- Rifornimento olio manuale anche in presenza di pressione
  Manual oil refilling, possible also in presence of pressure
- Installazione verticale; staffa di fissaggio a richiesta (cod. STF 4N)
  Vertical installation; bracket on request (code STF 4N)
- Protezione della tazza di serie
  Bowl protection already mounted

CODICE DI ORDINAZIONE *ORDER CODE*			G1/2": **LUB 4N-00** G3/4": **LUB 5N-00**
Attacchi *Ports*			G1/2" G3/4"
Temperatura di esercizio *Temperature range*			-10 ... +50°C
Peso *Weight*			0.3 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 0.5 bar	Q_{max}	4680 Nl/min

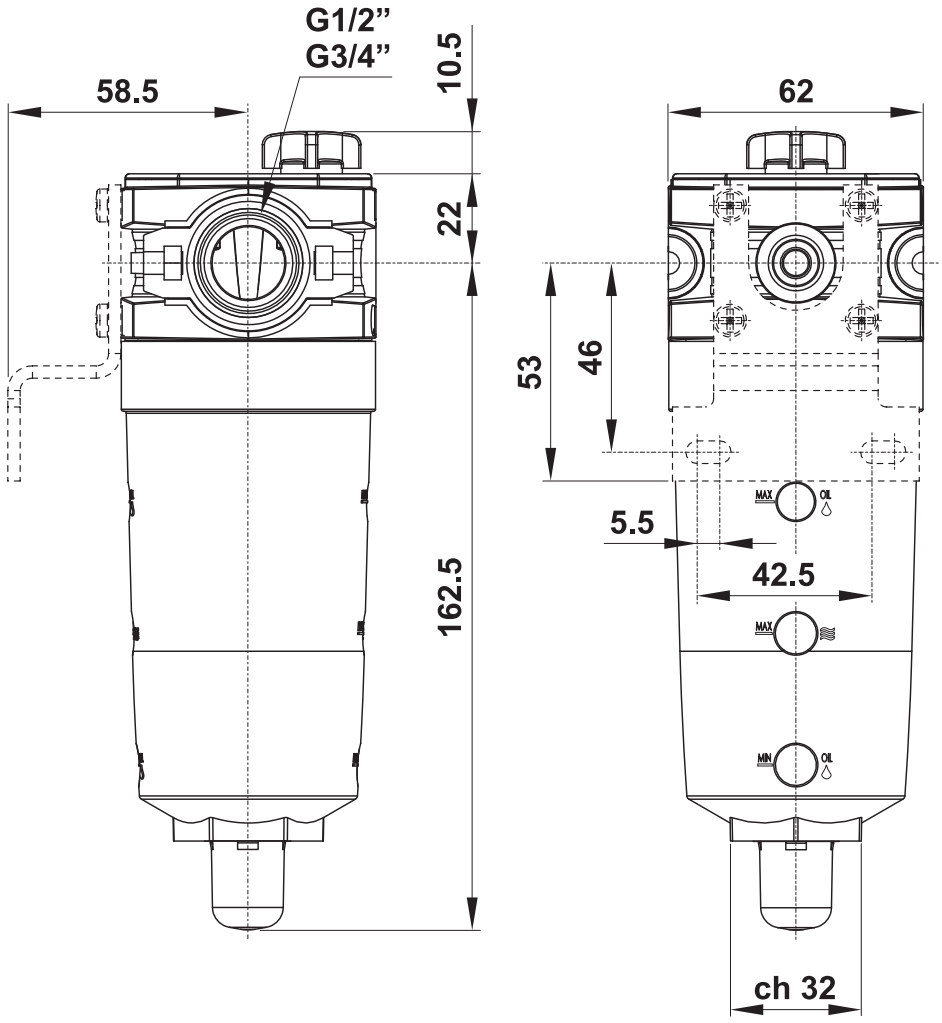
Caratteristiche di portata
Flow characteristics



lubrificatore G1/2"-G3/4"

G1/2"-G3/4" lubricator

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.



Nei lubrificatori tradizionali può essere regolato solo il numero di gocce di olio per unità di tempo. Se la richiesta di olio cresce, la quantità di olio fornita rimane costante. In questa nuova linea di lubrificatori, invece, il volume di olio è automaticamente regolato in rapporto alla portata. Ciò assicura che non ci sia né troppo né troppo poco olio nel sistema, con evidenti vantaggi. Inoltre, nei sistemi tradizionali la distanza tra il lubrificatore e l'impianto da lubrificare non può essere superiore a 8 metri. Questa nuova tecnica permette invece una distanza massima di 40 metri.

With traditional lubricators, only the oil volume per time unit can be adjusted. If the demand changes, the quantity dispensed still remains constant. In this new line of lubricators, the oil volume is automatically adjusted to the flow rate. This ensures that there is neither too little nor too much oil in the system, which leads to clear advantages. In addition, with traditional systems, the distance between the lubricator and the equipment has to be less than 8 meters. This new lubricator principle can be used for distances of up to 40 meters.

Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Coperchio: ABS
Tazza interna: polipropilene

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Cover: ABS
Internal bowl: polypropylene

filtroregolatore G1/2"-G3/4"

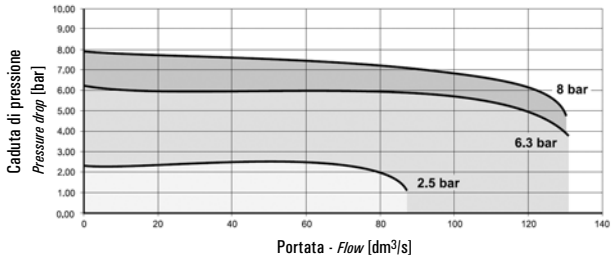
G1/2"-G3/4" filter-regulator

- Sistema di funzionamento: gruppo ciclone ed elemento filtrante, combinato con regolatore di pressione a diaframma dotato di valvola di scarico sovrapressione (relieving)
  Cyclone system and filter element, combined with diaphragm-type pressure regulator (with relieving)
- Separazione condensa: 95%
  Moisture separation: 95%
- Scarico della condensa semiautomatico o automatico
  Semi-automatic or automatic moisture exhaust
- Capacità della tazza: 60 cm³; protezione della tazza di serie
  Bowl capacity: 60 cm³; bowl protection already mounted
- Installazione verticale; staffa di fissaggio a richiesta (cod. STF 4N)
  Vertical installation; bracket on request (code STF 4N)

CODICE DI ORDINAZIONE *ORDER CODE*		G1/2": **FR 4N-08-05-S** G3/4": **FR 5N-08-05-S**	G1/2": **FR 4N-08-05-A** G3/4": **FR 5N-08-05-A**
Attacchi *Ports*		G1/2" G3/4"	G1/2" G3/4"
Scarico della condensa *Moisture exhaust*		semiautomatico *semi-automatic*	automatico *automatic*
Temperatura di esercizio *Temperature range*		-10 ... +50°C	-10 ... +50°C
Peso *Weight*		0.5 kg	0.5 kg
Pressione di alimentazione *Inlet pressure range*	$p_{1\,min}$ $p_{1\,max}$	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*	$p_{2\,min}$ $p_{2\,max}$	0.5 bar; 0.05 MPa 16 bar; 1.6 MPa	0.5 bar; 0.05 MPa 16 bar; 1.6 MPa
Differenza minima di pressione (Δp) *Minimum pressure difference (Δp)*	$p_1 - p_2$	0.2 bar; 0.02 MPa	0.2 bar; 0.02 MPa
Isteresi *Hysteresis*	p_1 = 10 bar / p_2 = 0 bar p_1 = 10 bar / p_2 = 8 bar	0.9 0.7	0.9 0.7
Portata massima *Maximum flow rate* p = 6.3 bar; Δp = 0.5 bar	Q_{max}	6660 Nl/min	6660 Nl/min
Elemento filtrante *Filter element*		5 μm	5 μm

Caratteristiche di portata

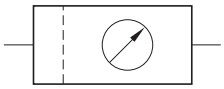
Flow characteristics

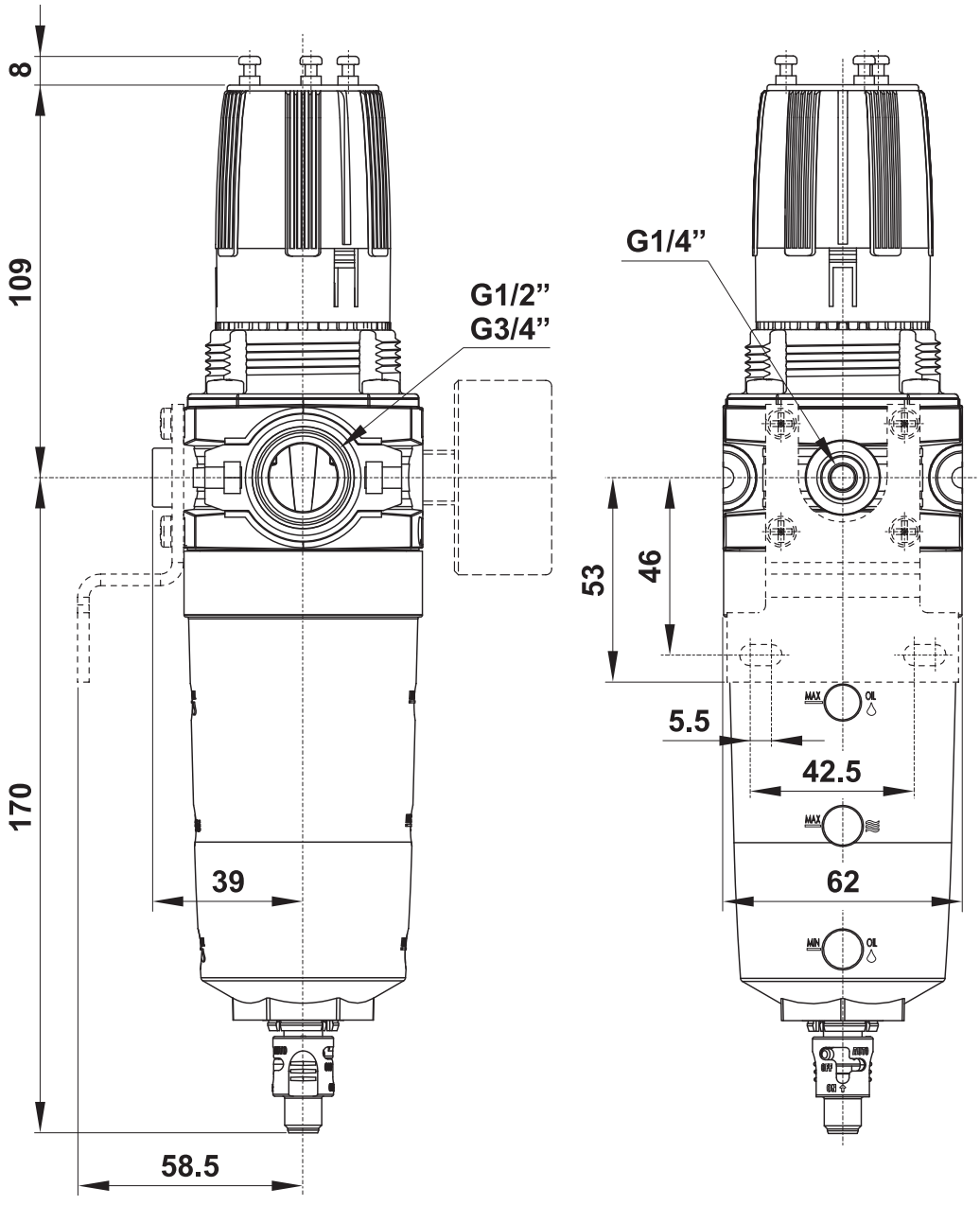


filtroregolatore G1/2"-G3/4"

G1/2"-G3/4" filter-regulator

La staffa di fissaggio e il manometro devono essere acquistati separatamente.
Mounting bracket and manometer are bought separately.





Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Coperchio: ABS
Tazza interna: polipropilene

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Cover: ABS
Internal bowl: polypropylene

gruppo trattamento aria FR+L G1/2"-G3/4"

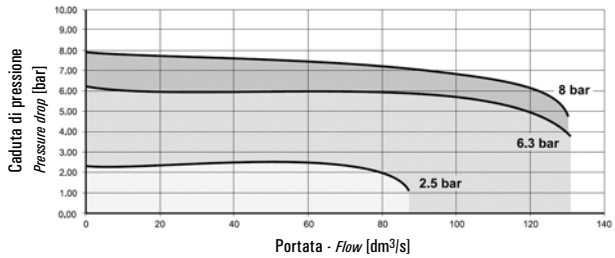
G1/2"-G3/4" FR+L air preparation unit

- Il gruppo comprende: filtroregolatore e lubrificatore
  The unit includes: filter-regulator and oil mist lubricator
- Separazione condensa: 95%
  Moisture separation: 95%
- Scarico semiautomatico della condensa; rifornimento olio manuale
  Semi-automatic moisture exhaust; manual oil refilling
- Capacità delle tazze: 60 cm³ (condensa), 90 cm³ (olio)
  Bowl capacity: 60 cm³ (moisture), 90 cm³ (oil)
- Installazione verticale; staffa di fissaggio a richiesta (cod. STF 4N)
  Vertical installation; bracket on request (code STF 4N)
- Protezione della tazza di serie
  Bowl protection already mounted

CODICE DI ORDINAZIONE *ORDER CODE*			G1/2": **FR+L 4N-08-05-S** G3/4": **FR+L 5N-08-05-S**
Attacchi *Ports*			G1/2" G3/4"
Temperatura di esercizio *Temperature range*			-10 ... +50°C
Peso *Weight*			0.9 kg
Pressione di alimentazione *Inlet pressure range*		$p_{1\ min}$ $p_{1\ max}$	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 16 bar; 1.6 MPa
Differenza minima di pressione (Δp) *Minimum pressure difference (Δp)*		$p_1 - p_2$	0.2 bar; 0.02 MPa
Isteresi *Hysteresis*		p_1 = 10 bar / p_2 = 0 bar p_1 = 10 bar / p_2 = 8 bar	0.9 0.7
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 0.5 bar	Q_{max}	6660 Nl/min
Elemento filtrante *Filter element*			5 μm

Caratteristiche di portata

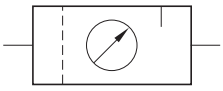
Flow characteristics

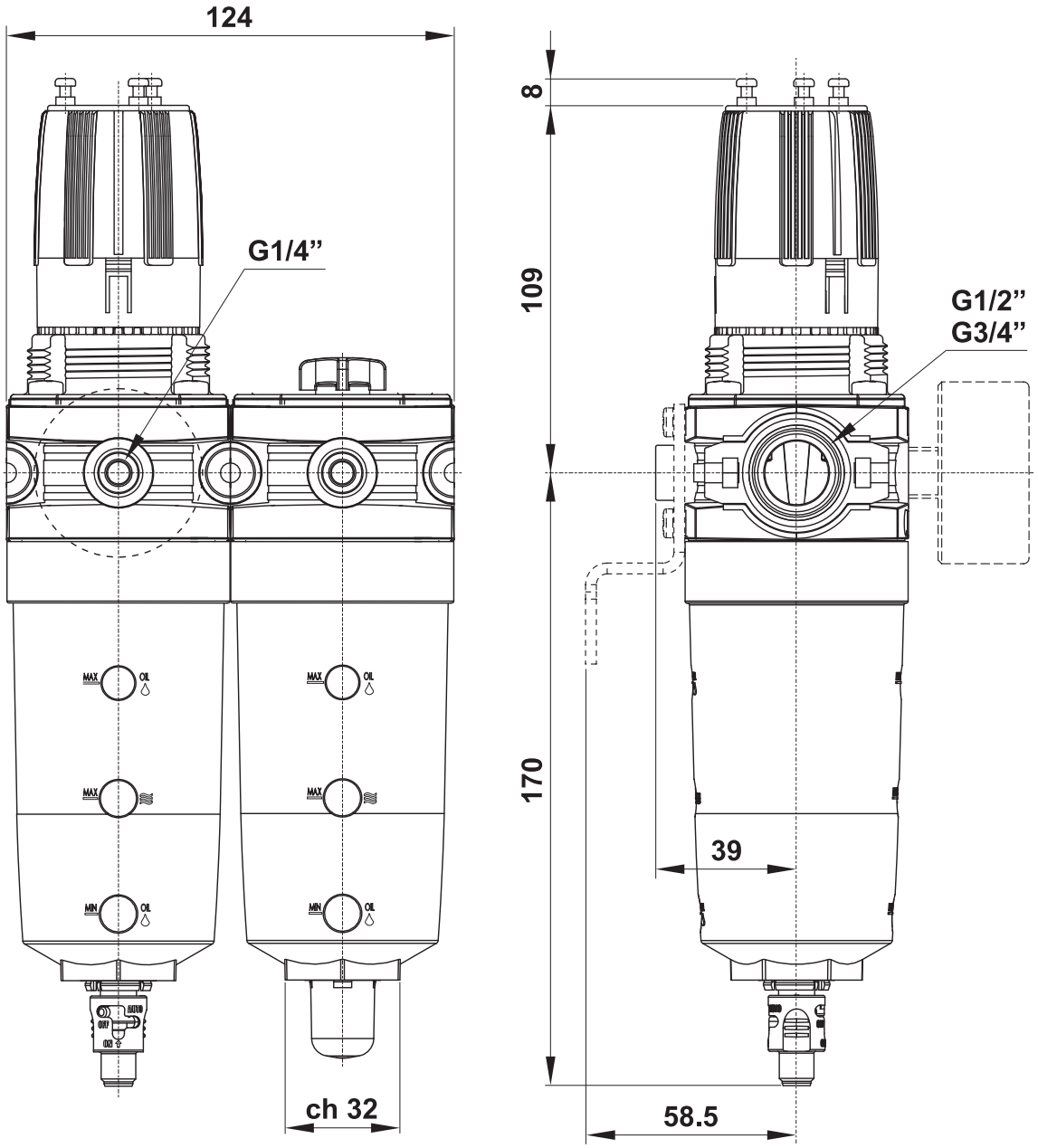


gruppo trattamento aria FR+L G1/2"-G3/4"

G1/2"-G3/4" FR+L air preparation unit

La staffa di fissaggio e il manometro devono essere acquistati separatamente.
Mounting bracket and manometer are bought separately.





Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Coperchio: ABS
Tazza interna: polipropilene

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Cover: ABS
Internal bowl: polypropylene

gruppo trattamento aria FRL G1/2"-G3/4"

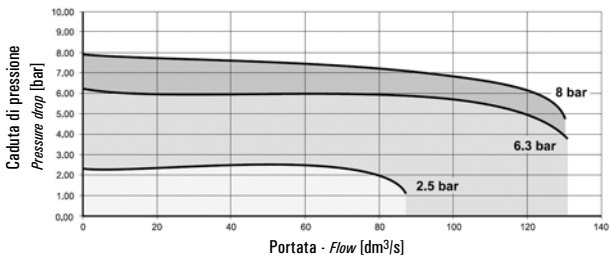
G1/2"-G3/4" FRL air preparation unit

- Il gruppo comprende: filtro, regolatore di pressione e lubrificatore
  The unit includes: filter, pressure regulator and oil mist lubricator
- Separazione condensa: 95%
  Moisture separation: 95%
- Scarico semiautomatico della condensa; rifornimento olio manuale
  Semi-automatic moisture exhaust; manual oil refilling
- Capacità delle tazze: 60 cm³ (condensa), 90 cm³ (olio)
  Bowl capacity: 60 cm³ (moisture), 90 cm³ (oil)
- Installazione verticale; staffa di fissaggio a richiesta (cod. STF 4N)
  Vertical installation; bracket on request (code STF 4N)
- Protezione della tazza di serie
  Bowl protection already mounted

CODICE DI ORDINAZIONE *ORDER CODE*			**G1/2": FRL 4N-08-05-S** **G3/4": FRL 5N-08-05-S**
Attacchi *Ports*			G1/2" G3/4"
Temperatura di esercizio *Temperature range*			-10 ... +50°C
Peso *Weight*			1.1 kg
Pressione di alimentazione *Inlet pressure range*		$p_{1\,min}$ $p_{1\,max}$	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\,min}$ $p_{2\,max}$	0 bar; 0 MPa 16 bar; 1.6 MPa
Differenza minima di pressione (Δp) *Minimum pressure difference (Δp)*		$p_1 - p_2$	0.2 bar; 0.02 MPa
Isteresi *Hysteresis*		$p_1 = 10$ bar / $p_2 = 0$ bar $p_1 = 10$ bar / $p_2 = 8$ bar	0.9 0.7
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 0.5 bar	Q_{max}	6660 Nl/min
Elemento filtrante *Filter element*			5 μm

Caratteristiche di portata

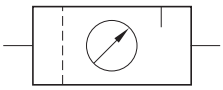
Flow characteristics

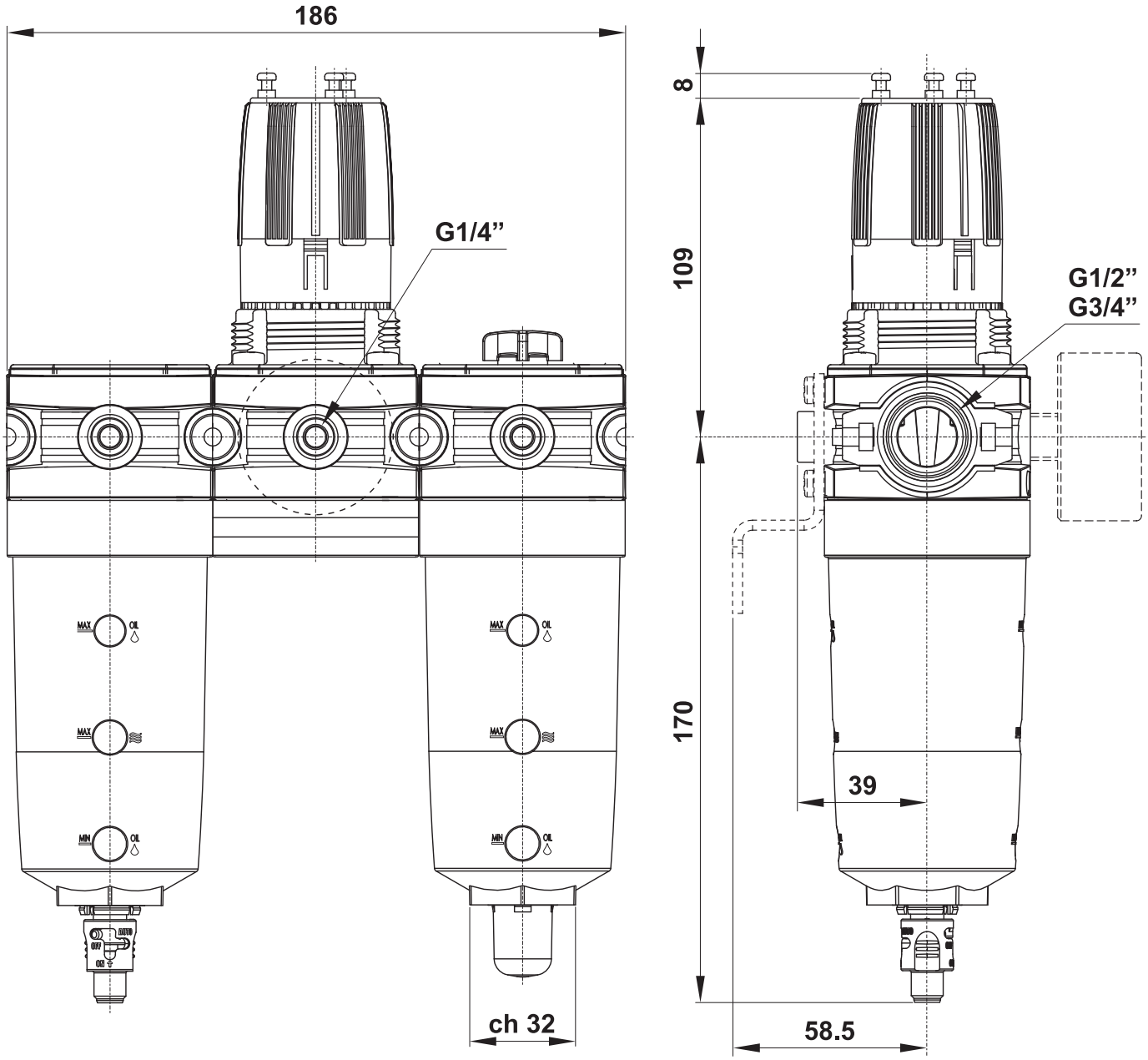


gruppo trattamento aria FRL G1/2"-G3/4"

G1/2"-G3/4" FRL air preparation unit

La staffa di fissaggio e il manometro devono essere acquistati separatamente.
Mounting bracket and manometer are bought separately.





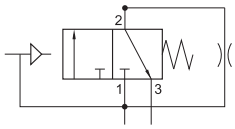
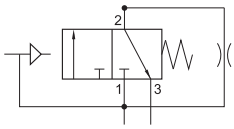
Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Coperchio: ABS
Tazza interna: polipropilene

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Cover: ABS
Internal bowl: polypropylene

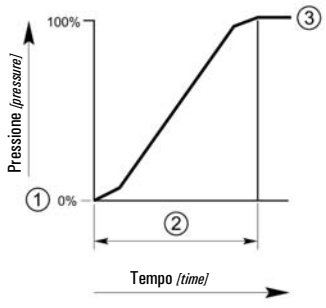
valvola di sc. rapido e avv. prog. G1/2"-G3/4"

G1/2"-G3/4" quick exhaust and slow-start valve

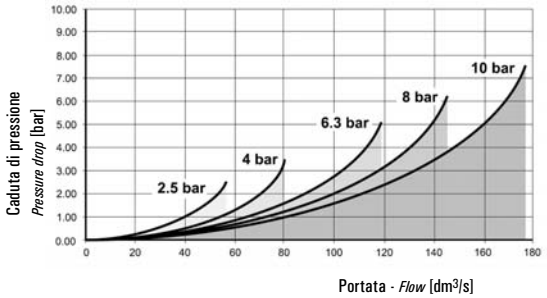
- Valvola 3/2 a comando elettrico o pneumatico
  Pneumatically or solenoid actuated 3/2 valve
- Avviatore progressivo integrato con valvola di scarico rapido
  Slow-start valve integrated with quick exhaust valve
- Elevata portata in scarico
  High exhaust flow rate
- Staffa di fissaggio a richiesta (cod. STF 4N)
  Mounting bracket on request (code STF 4N)

				
			comando pneumatico *pneumatically piloted*	comando elettrico *solenoid actuated*
CODICE DI ORDINAZIONE *ORDER CODE*			**G1/2": SCR 4N-P** **G3/4": SCR 5N-P**	**G1/2": SCR 4N-E** **G3/4": SCR 5N-E**
Attacchi *Ports*			G1/2" G3/4"	G1/2" G3/4"
Temperatura di esercizio *Temperature range*			max +60°C	max +60°C
Peso *Weight*			0.55 kg	0.6 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	2 bar; 0.2 MPa 10 bar; 1 MPa	2 bar; 0.2 MPa 10 bar; 1 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	7000 Nl/min	7000 Nl/min

Caratteristiche di portata
Flow characteristics



1. Segnale di avvio *[start signal]*
2. Ritardo di commutazione *[switching time delay]*
3. Pressione di lavoro $p_2 = p_1$ *[operating pressure $p_2 = p_1$]*



Materiali
Corpo: alluminio
Guarnizioni: NBR
Parti interne: ottone e INOX
Parti esterne: polimeri rinforzati

Materials
Body: aluminium
Seals: NBR
Internal parts: brass and stainless steel
External parts: reinforced polymer

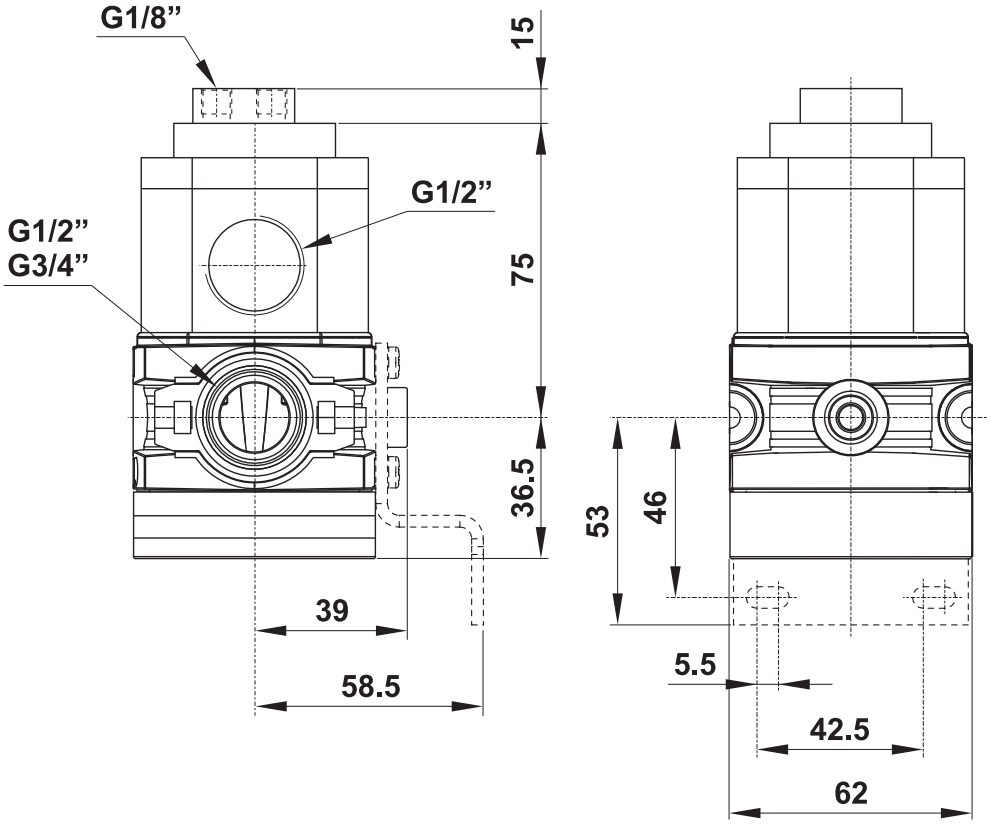
Il prodotto è venduto senza bobina e senza staffa di fissaggio, da acquistarsi separatamente.
La bobina può essere della serie 22 mm o 30 mm.
The product is sold without coil and without mounting bracket, which are bought separately.
The coil can be 22 mm or 30 mm.

valvola di sc. rapido e avv. prog. G1/2"-G3/4"

G1/2"-G3/4" quick exhaust and slow-start valve

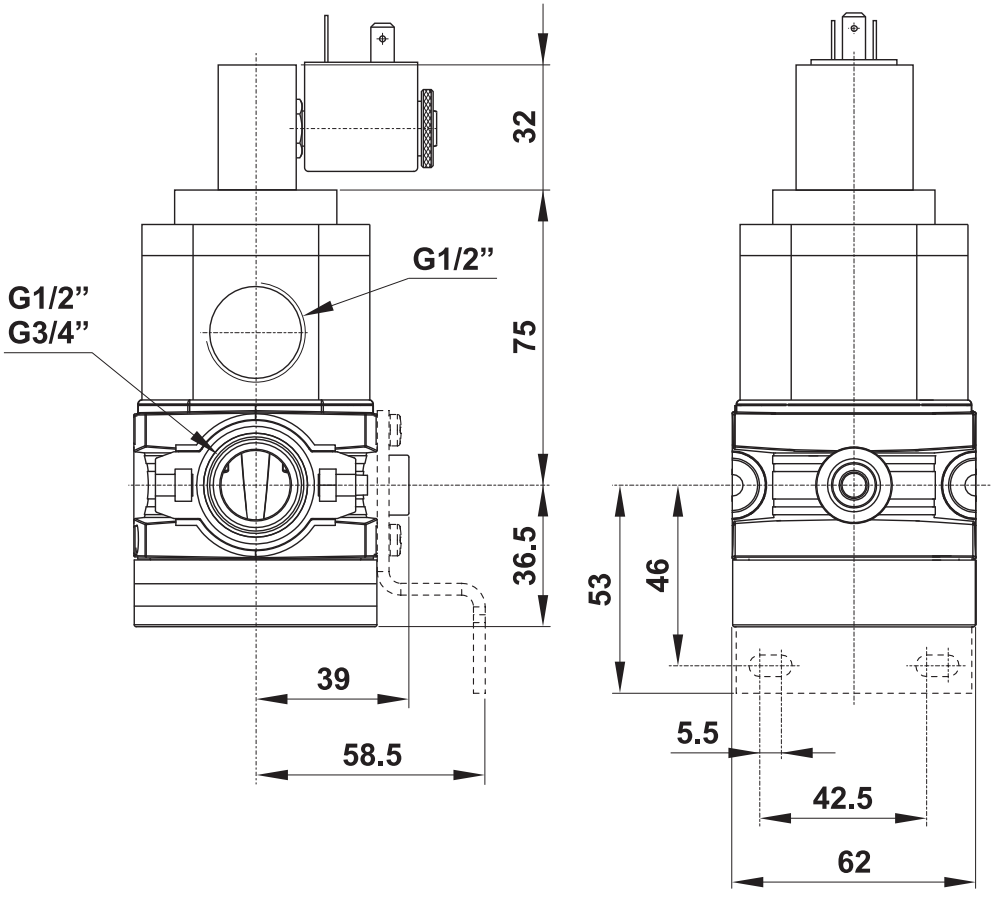
comando pneumatico

pneumatically piloted



comando elettrico

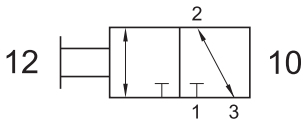
solenoid actuated

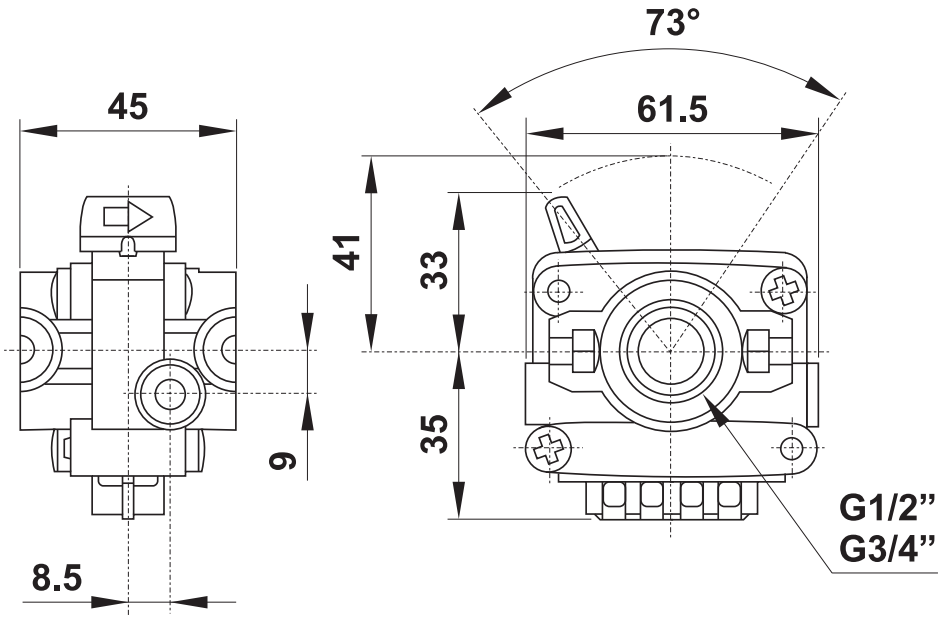


valvola di sezion. circuito 3/2 G1/2"-G3/4"

3/2 G1/2"-G3/4" shut-off valve

- Elemento modulare ad alte prestazioni
  High performance modular element
- Elevata portata in scarico
  High exhaust flow rate
- Possibilità di chiusura a lucchetto
  It can be secured with a padlock
- Installazione in qualsiasi posizione
  Installation in any position





Materiali
Corpo: tecnopolimero
Guarnizioni: NBR

Materials
Body: technopolymer
Seals: NBR

CODICE DI ORDINAZIONE *ORDER CODE*		G1/2": **SR-M4N** G3/4": **SR-M5N**
Attacchi *Ports*		G1/2" G3/4"
Temperatura di esercizio *Temperature range*		-10 ... +50°C
Peso *Weight*		0.3 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata massima *Maximum flow rate*	Q_{max}	7500 Nl/min

PRESA D'ARIA

porting block

Può essere utilizzata per prelevare aria non lubrificata e/o non regolata.

It can be used to provide unlubricated and/or unregulated air.

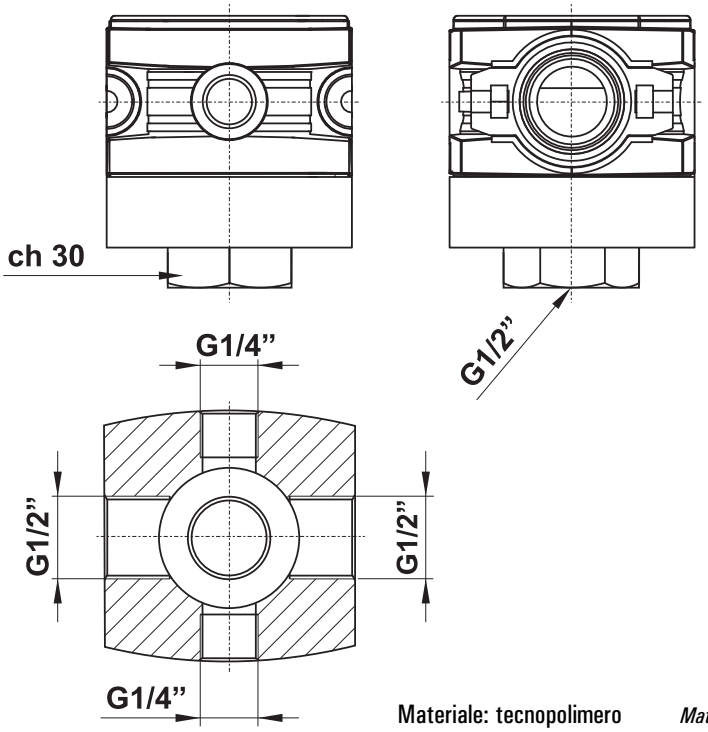
G1/2"

Ogni pezzo è venduto in kit con i particolari necessari al suo assemblaggio

Each element is sold in kit with all necessary pieces for installation

CODICE DI ORDINAZIONE
ORDER CODE

PAI 4N-00



Materiale: tecnopolimero *Material: technopolymer*

STAFFE E GHIERA DI FISSAGGIO

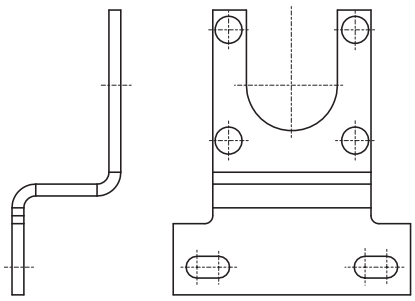
mounting brackets and ring

CODICE DI ORDINAZIONE
ORDER CODE

STF 4N

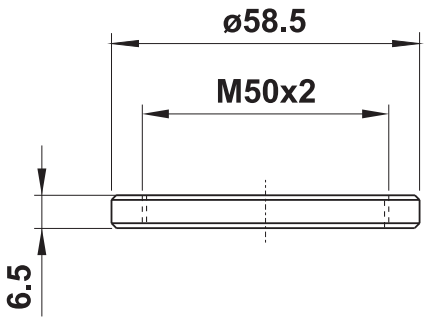
Ogni pezzo è venduto in kit con i particolari necessari al suo assemblaggio

Each element is sold in kit with all necessary pieces for installation



CODICE DI ORDINAZIONE
ORDER CODE

16.205.0

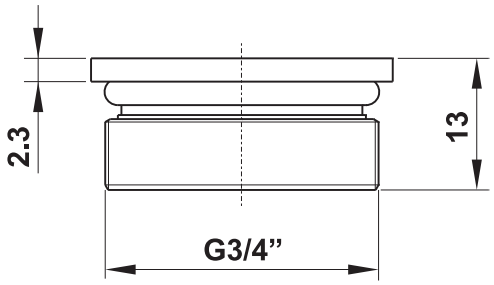


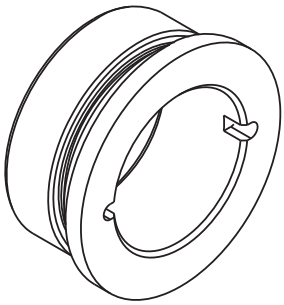
RIDUZIONE G3/4"-G1/2" CON O-RING

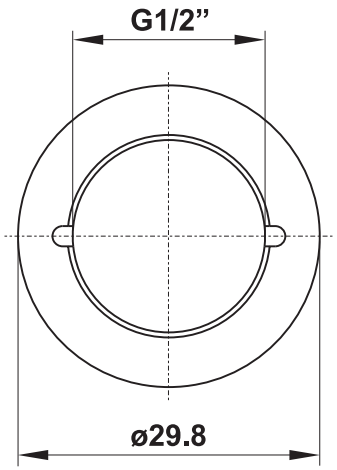
Reduction G3/4"-G1/2" with O-Ring

CODICE DI ORDINAZIONE
ORDER CODE

16.213.2







raccordi e accessori

fittings and accessories






dati tecnici raccordi automatici in ottone

technical data *технические данные*

diametro esterno tubo *external diameter of tube* наружный диам. трубки	diametro interno tubo *internal diameter of tube* внутренний диам. трубки	**pressione di esercizio [bar] dei raccordi con tubi per aria** *working pressure [bar] with hoses for air* рабочее давление [bar] с трубками для воздуха		
		-20 ... +30°C	*+31 ... +50°C*	*+51 ... +70°C*
4 mm	2 mm	16	14	12
5 mm	3 mm	16	14	12
6 mm	4 mm	16	14	12
8 mm	6 mm	14	14	10
10 mm	8 mm	14	12	8
12 mm	10 mm	14	12	8
14 mm	12 mm	12	10	6

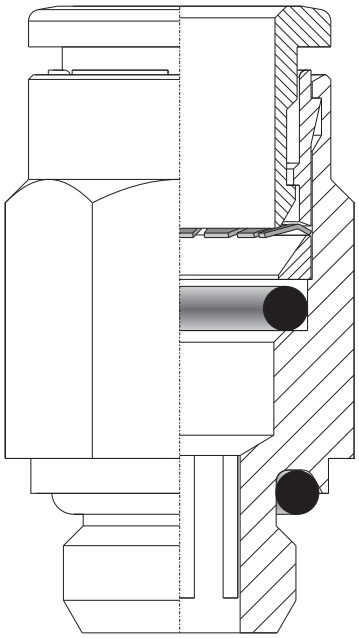
tolleranze ammesse per i tubi PA11 e PA12 *tolerances for hoses PA11 and PA12* допускаемое отклонение для трубок PA11 и PA12	
diametro esterno tubo *external diameter of tube* наружный диам. трубки	tolleranza *tolerance* отклонение
4 ... 8 mm	-0.08 ... +0.05
10 ... 14 mm	-0.1 ... +0.05

tolleranze ammesse per i tubi in poliuretano (PU) *tolerances for poliurethane (PU) hoses* допускаемое отклонение для полиуретановых трубок (PU)	
diametro esterno tubo *external diameter of tube* наружный диам. трубки	tolleranza *tolerance* отклонение
4 ... 8 mm	-0.1 ... +0.1
10 ... 14 mm	-0.1 ... +0.15

Materiali
Corpo: ottone OT58 nichelato
Pinza: acciaio
Guarnizioni: NBR

Materials
Body: nickeled brass OT58
Clamp: steel
Seals: NBR

Материалы
Корпус: никелированная латунь OT58
Цанга: сталь
Уплотнения: резина NBR



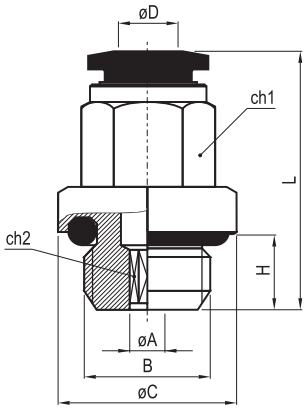
Temperatura di esercizio *Temperature range* Рабочая температура	-20 ... +70°C
Fluido *Fluid* Рабочая среда	Aria filtrata con o senza lubrificazione *filtered, lubricated or non lubricated air* очищенный сжатый воздух со смазкой или без

RP020

Raccordo diritto maschio cilindrico

Straight male fitting, with cylindric thread

Фитинг прямой с цилиндрической резьбой и уплотнительным кольцом



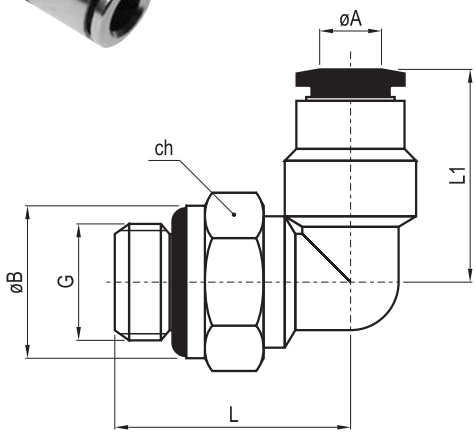
tubo (øD) *tube* трубка	B	øA	øC	H	L	ch1	ch2	confez. *package* упак.	codice *code* код
4	M5	2.5	9	4	20	-	2.5	50	36.001.0
4	G1/8″	2.5	13.5	6	20	9	2.5	50	36.002.0
4	G1/4″	2.5	16	8	21	9	2.5	50	36.003.0
5	M5	2.5	9.5	4	21	-	2.5	50	36.004.0
5	G1/8″	4.2	13.5	6	20.5	10	4	50	36.005.0
5	G1/4″	4.2	16	8	22.5	10	4	50	36.006.0
6	M5	2.5	10.5	4	21	-	2.5	50	36.007.0
6	M12x1.25	4.2	16	8	24	11	4	50	36.1375.0
6	M12x1.5	4.2	16	6	22.5	11	4	50	36.1376.0
6	G1/8″	4.2	13.5	6	22.5	11	4	50	36.008.0
6	G1/4″	4.2	16	8	22.5	11	4	50	36.009.0
8	G1/8″	5.2	14.5	6	25	13	5	50	36.010.0
8	G1/4″	6.2	16	8	23.5	13	6	50	36.011.0
8	G3/8″	6.2	21	8	24	13	6	50	36.012.0
10	G1/4″	7.2	-	6.5	26.5	16	7	50	36.013.0
10	G3/8″	8.3	21	7.5	28	16	8	50	36.014.0
12	G1/4″	7.2	-	6.5	30.5	18	7	50	36.015.0
12	G3/8″	10.3	21	9	31	18	10	25	36.016.0
12	G1/2″	10.3	24	11	31	18	10	25	36.017.0
14	G3/8″	10.3	21	9	34	21	10	25	36.018.0
14	G1/2″	12.3	25	11	34	21	12	25	36.019.0

RP115

Raccordo a L orientabile maschio cilindrico

Swivel L-fitting with cylindric thread

Поворотный L-образный фитинг с цилиндрической резьбой и уплотнительным кольцом



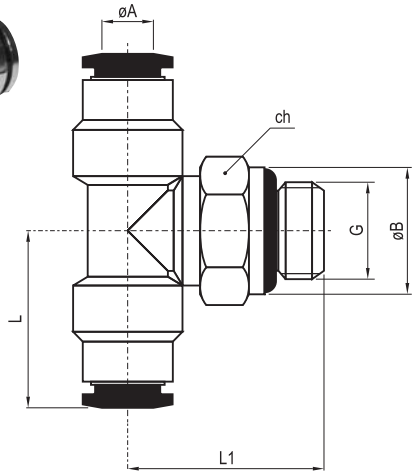
tubo (øA) *tube* трубка	G	øB	L1	L	ch	confez. *package* упак.	codice *code* код
4	M5	9	18.5	16.5	9	50	36.232.0
4	G1/8″	13	20	21	13	50	36.233.0
4	G1/4″	16	20	25	13	50	36.234.0
6	M5	9	19.5	16.5	9	50	36.235.0
6	M12x1.25	16	19	25	13	50	36.1377.0
6	M12x1.5	16	20.5	24	13	50	36.1378.0
6	G1/8″	13	20.5	21	13	50	36.236.0
6	G1/4″	16	20.5	25	13	50	36.237.0
8	G1/8″	13	22	21	13	50	36.238.0
8	G1/4″	16	22	25	13	50	36.239.0
8	G3/8″	20	24	25.5	13	50	36.240.0
10	G1/4″	16	25	25.5	16	50	36.241.0
10	G3/8″	19.8	25	29.5	16	50	36.242.0
10	G1/2″	25	27	30	16	25	36.638.0
12	G1/4″	16	28	27.5	20	50	36.243.0
12	G3/8″	20	28	28.5	20	25	36.244.0
12	G1/2″	25	28	33.5	20	25	36.245.0
14	G3/8″	20	31	28.5	20	25	36.246.0
14	G1/2″	25	31	33.5	20	25	36.247.0

RP215

Raccordo a T orientabile maschio cilindrico

Swivel T-fitting, cylindric thread on the central leg

Поворотный Т-образный фитинг с цилиндрической резьбой и уплотнительным кольцом



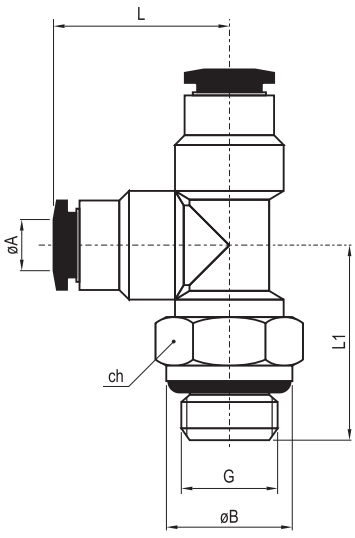
tubo (øA) *tube* трубка	**G**	**øB**	**L**	**L1**	**ch**	confez. *package* упак.	codice *code* код
4	**M5**	8	17.5	16.5	9	50	**36.208.0**
4	**G1/8"**	13	17.5	20	13	50	**36.209.0**
4	**G1/4"**	16	19	24	13	50	**36.210.0**
6	**G1/8"**	13	21	20	13	50	**36.211.0**
6	**G1/4"**	16	21	24	13	50	**36.212.0**
8	**G1/8"**	13	23	20	13	50	**36.213.0**
8	**G1/4"**	16	23	24	13	50	**36.214.0**
8	**G3/8"**	20	25.5	25.5	13	50	**36.215.0**
10	**G1/4"**	16	25.5	28	16	50	**36.216.0**
10	**G3/8"**	20	25.5	29	16	50	**36.217.0**
12	**G1/4"**	16	27	30.5	16	50	**36.218.0**
12	**G3/8"**	20	27	28.5	20	25	**36.219.0**

RP225

Raccordo a T orientabile maschio laterale cilindrico

Swivel T-fitting, cylindric thread on the lateral leg

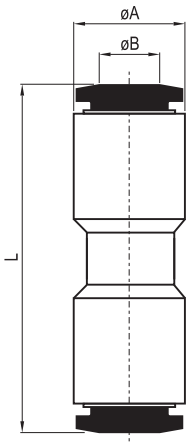
Поворотный Т-образный фитинг с боковой цилиндрической резьбой и уплотнительным кольцом



tubo (øA) *tube* трубка	**G**	**øB**	**L**	**L1**	**ch**	confez. *package* упак.	codice *code* код
4	**M5**	8	17.5	16.5	9	50	**36.220.0**
4	**G1/8"**	13	17.5	20	13	50	**36.221.0**
4	**G1/4"**	16	19	24	13	50	**36.222.0**
6	**G1/8"**	13	19.5	20	13	50	**36.223.0**
6	**G1/4"**	16	21	24	13	50	**36.224.0**
8	**G1/8"**	13	23	20	13	50	**36.225.0**
8	**G1/4"**	16	23	24	13	50	**36.226.0**
8	**G3/8"**	20	25.5	25.5	13	50	**36.227.0**
10	**G1/4"**	16	25.5	24	16	50	**36.228.0**
10	**G3/8"**	20	25.5	28	16	50	**36.229.0**
12	**G1/4"**	16	27	30.5	16	50	**36.230.0**
12	**G3/8"**	20	27	28.5	20	25	**36.231.0**

RP040

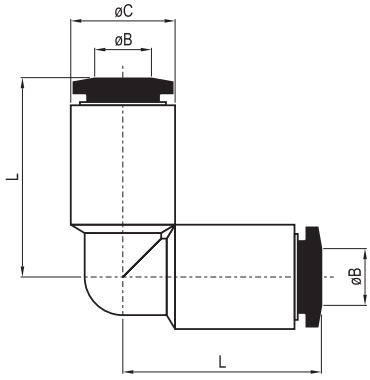
Raccordo diritto intermedio
Intermediate straight connector
Фитинг-соединитель прямой



tubo (øB) *tube* трубка	øA	L		confez. *package* упак.	codice *code* код
4	9	30.5		50	**36.028.0**
5	9.5	31.5		50	**36.029.0**
6	11	31.5		50	**36.030.0**
8	13	34		50	**36.031.0**
10	15	36.5		50	**36.032.0**
12	17	44		50	**36.033.0**
14	20	45		50	**36.034.0**

RP130

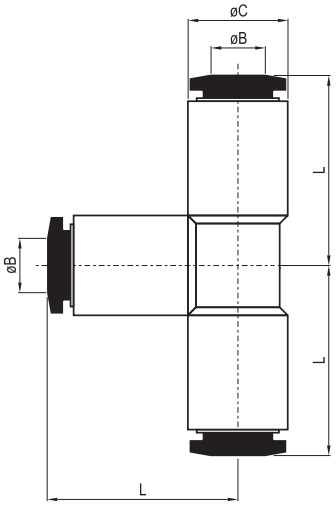
Raccordo a L intermedio
Intermediate elbow connector
L-образный фитинг-соединитель



tubo (øB) *tube* трубка	øC	L		confez. *package* упак.	codice *code* код
4	9	18		50	**36.035.0**
5	9.5	19.5		50	**36.036.0**
6	11	19.5		50	**36.037.0**
8	13	22.5		50	**36.038.0**
10	15	23.5		50	**36.039.0**
12	17	28		25	**36.040.0**
14	20	29.5		25	**36.041.0**

RP230

Raccordo a T intermedio
T-connector
Т-образный фитинг-соединитель



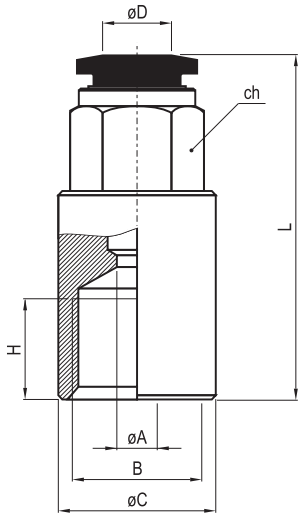
tubo (øB) *tube* трубка	øC	L		confez. *package* упак.	codice *code* код
4	9	18		50	**36.042.0**
5	9.5	19		50	**36.043.0**
6	11	19.5		50	**36.044.0**
8	13	22.5		50	**36.045.0**
10	15	23.5		20	**36.046.0**
12	17	28		20	**36.047.0**
14	20	30		20	**36.048.0**

RP030

Raccordo diritto femmina

Straight female fitting

Фитинг прямой с внутренней цилиндрической резьбой



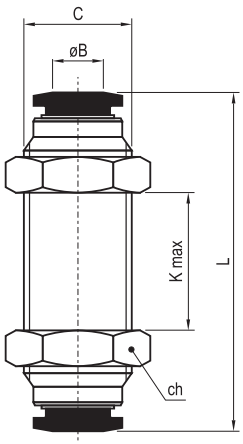
tubo (øD) *tube* трубка	B	øA	øC	H	L	ch	confez. *package* упак.	codice *code* код
4	**G1/8"**	3	12	6.5	25	9	50	**36.020.0**
4	**G1/4"**	3	16	10	28.5	9	50	**36.021.0**
5	**G1/8"**	4	12	6.5	27	10	50	**36.022.0**
5	**G1/4"**	4	16	10	30	10	50	**36.023.0**
6	**G1/8"**	5	12	6.5	25	11	50	**36.024.0**
6	**G1/4"**	5	16	10	29.5	11	50	**36.025.0**
8	**G1/8"**	7	12	6.5	26	13	50	**36.026.0**
8	**G1/4"**	7	16	10	30.5	13	50	**36.027.0**

RP050

Raccordo diritto intermedio passaparete

Intermediate straight connector for panel mounting

Фитинг-соединитель прямой с монтажной резьбой на корпусе и гайками



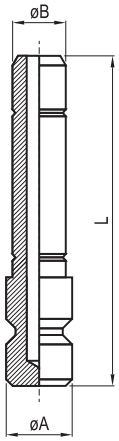
tubo (øB) *tube* трубка	C	L	K max	ch	confez. *package* упак.	codice *code* код
4	M10x1	30.5	8	13	50	**36.102.0**
5	M11x1	30.5	8	14	50	**36.103.0**
6	M14x1	31.5	8	17	50	**36.104.0**
8	M16x1	34	10	18	50	**36.105.0**
10	M17x1	36.5	12	20	25	**36.106.0**
12	M20x1	44	17	24	25	**36.107.0**
14	M22x1	45	18	25	25	**36.108.0**

RP610

Tappo

Plug

Заглушка



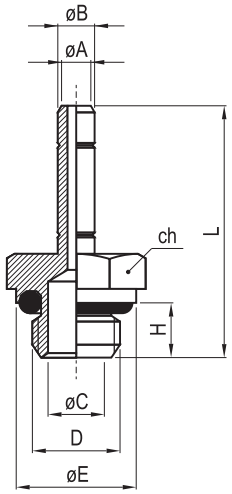
øB	øA	L		confez. *package* упак.	codice *code* код
4	5	25.5		50	**36.095.0**
5	6	26.5		50	**36.096.0**
6	7	27.5		50	**36.097.0**
8	9	30		50	**36.098.0**
10	11	35		25	**36.099.0**
12	13	37		25	**36.100.0**
14	15	39.5		25	**36.101.0**

RP600

Innesto con filetto maschio cilindrico

Adaptor with male cylindric thread

Штуцер с цилиндрической резьбой под цанговый фитинг



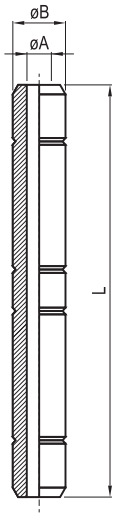
øB	D	øA	øE	H	L	øC	ch	confez. *package* упак.	codice *code* код
4	**M5**	2	8	4	24.5	2	8	50	**36.049.0**
4	**G1/8″**	2	13	6	27.7	6	13	50	**36.050.0**
4	**G1/4″**	2	16	8	30.2	7.5	13	50	**36.051.0**
5	**M5**	2.6	8	4	25	2.6	8	50	**36.052.0**
5	**G1/8″**	3	13	6	28	5.5	13	50	**36.053.0**
5	**G1/4″**	3	16	8	31	7.5	13	50	**36.054.0**
6	**M5**	2.6	8	4	26	2.6	8	50	**36.055.0**
6	**G1/8″**	4	13	6	29.5	6	13	50	**36.056.0**
6	**G1/4″**	4	16	8	32	7.5	13	50	**36.057.0**
8	**G1/8″**	6	13	6	31	6	13	50	**36.058.0**
8	**G1/4″**	6	16	8	33.5	7.5	13	50	**36.059.0**
8	**G3/8″**	6	20	9	35.5	9	13	50	**36.060.0**
10	**G1/8″**	6	13	6	35.5	6	13	50	**36.061.0**
10	**G1/4″**	8	16	8	38	8	13	50	**36.062.0**
10	**G3/8″**	8	20	9	41	8	13	50	**36.063.0**
12	**G1/4″**	10	16	8	39	10	13	50	**36.064.0**
12	**G3/8″**	10	20	9	42	11	13	25	**36.065.0**
12	**G1/2″**	10	24	11	44	13	16	25	**36.066.0**
14	**G3/8″**	12	20	9	44	12	16	25	**36.067.0**
14	**G1/2″**	12	24	11	46	13	16	25	**36.068.0**

RP625

Giunzione doppia

Double connector for push-in fittings

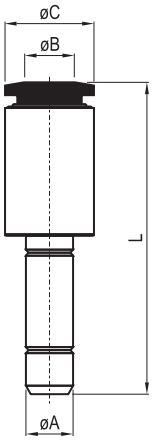
Трубка-соединитель к цанговым фитингам



øB	øA	L		confez. *package* упак.	codice *code* код
4	2	32		50	**36.069.0**
5	3	33		50	**36.070.0**
6	4	35		50	**36.071.0**
8	6	38		50	**36.072.0**
10	8	45.5		50	**36.073.0**
12	10	48		25	**36.074.0**
14	12	52		20	**36.075.0**

RP700

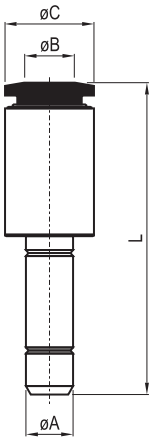
Riduzione
Reducer
Редуктор



øA	tubo (øB) *tube* трубка	øC	L	confez. *package* упак.	codice *code* код
5	**4**	9	32.5	50	**36.076.0**
6	**4**	9	28.5	50	**36.077.0**
6	**5**	9.5	35.5	50	**36.078.0**
8	**4**	9	31	50	**36.079.0**
8	**5**	9.5	32.5	50	**36.080.0**
8	**6**	10.5	33.5	50	**36.081.0**
10	**6**	10.5	36.5	50	**36.082.0**
10	**8**	13	38	50	**36.083.0**
12	**4**	13	39.5	25	**36.084.0**
12	**6**	13	39.5	25	**36.085.0**
12	**8**	13	38.5	25	**36.086.0**
12	**10**	15	41	25	**36.087.0**
14	**4**	15	43	25	**36.088.0**
14	**6**	15	43	25	**36.089.0**
14	**8**	15	43	25	**36.090.0**
14	**10**	15	43	25	**36.091.0**
14	**12**	17	43	25	**36.092.0**

RP710

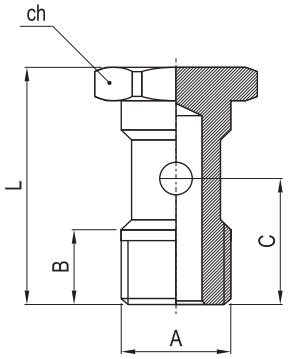
Maggiorazione
Increaser
Расширитель



øA	tubo (øB) *tube* трубка	øC	L	confez. *package* упак.	codice *code* код
4	**6**	10.5	33.5	25	**36.093.0**
6	**8**	13	38	25	**36.094.0**

RZ410

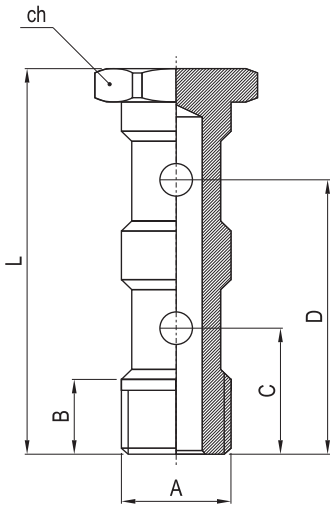
Vite cava singola
Single stem for banjo
Одиночный пустотелый болт



A	B	C	L	ch	confez. *package* упак.	codice *code* код
M5	7.6	9.6	17.5	8	50	**36.611.0**
G1/8″	9	14.5	27	14	50	**36.612.0**
G1/4″	13	18	33	17	50	**36.613.0**
G3/8″	12	21.5	37	22	50	**36.614.0**

RZ420

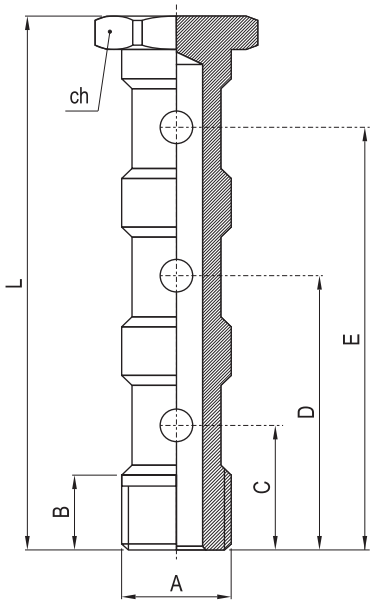
Vite cava doppia
Double stem for banjo
Двойной пустотелый болт



A	B	C	D	L	ch	confez. *package* упак.	codice *code* код
G1/8″	9	15	31	44.5	14	25	**36.616.0**
G1/4″	11	17	36	51.5	17	25	**36.617.0**
G3/8″	12	20.5	42	58.6	22	25	**36.618.0**

RZ430

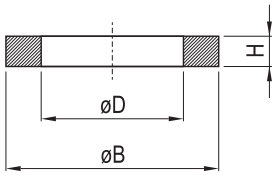
Vite cava tripla
Triple stem for banjo
Тройной пустотелый болт



A	B	C	D	E	L	ch	confez. *package* упак.	codice *code* код
G1/8″	9	16	32	48	60	14	25	**36.1369.0**
G1/4″	8	16.5	32.5	48.5	62	17	25	**36.1370.0**
G3/8″	9	21	46	71	84.5	22	25	**36.1371.0**

RZ610

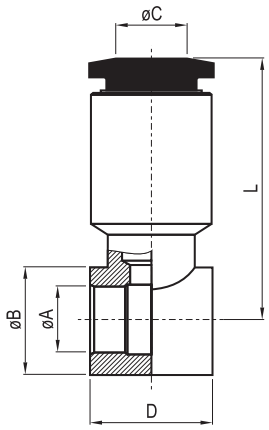
Rondella distanziatrice
Spacer washer
Уплотнительное кольцо



vite *screw* болт	øB	øD	H		confez. *package* упак.	codice *code* код
M5	7.7	5.3	1		100	**36.620.0**
G1/8″	13	10.2	1.5		100	**36.621.0**
G1/4″	17.9	13.4	2		100	**36.622.0**
G3/8″	21.8	17.1	2		100	**36.623.0**

RP500

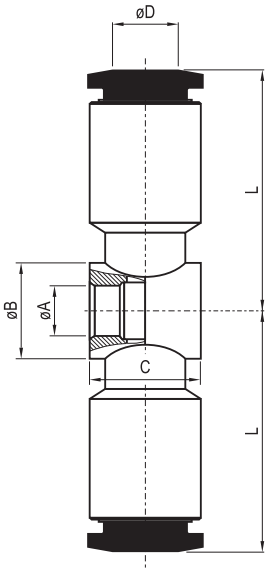
Anello semplice
Single banjo body
Фитинг-серьга к пустотелому болту



tubo (øC) *tube* трубка	vite *screw* болт	øA	øB	D	L	confez. *package* упак.	codice *code* код
4	**M5**	5	7	9	19	50	**36.109.0**
4	**G1/8″**	10	14	15	20.6	50	**36.110.0**
5	**M5**	5	7	9	19	50	**36.111.0**
5	**G1/8″**	9.9	14	15	22.5	50	**36.112.0**
6	**G1/8″**	10	14	15	21	50	**36.113.0**
6	**G1/4″**	13.3	18	17	23	50	**36.114.0**
8	**G1/8″**	10	14	15	23	50	**36.115.0**
8	**G1/4″**	13.3	18	17	25	50	**36.116.0**
8	**G3/8″**	16.6	21	20	28	50	**36.117.0**
10	**G1/4″**	13.3	18	17	25.5	50	**36.118.0**
10	**G3/8″**	16.6	21	20	29	25	**36.119.0**
12	**G1/4″**	13.3	18	17	28	25	**36.120.0**
12	**G3/8″**	16.6	21	20	30	25	**36.121.0**

RP510

Anello doppio
Double banjo body
Двойная фитинг-серьга к пустотелому болту



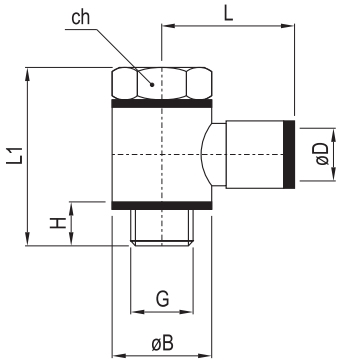
tubo (øD) *tube* трубка	vite *screw* болт	øA	øB	C	L	confez. *package* упак.	codice *code* код
4	**M5**	5	7	9	19	50	**36.123.0**
4	**G1/8″**	9.9	14	15	21	50	**36.124.0**
5	**M5**	5	7	9.5	19.5	50	**36.125.0**
5	**G1/8″**	9.9	14	15	22.5	50	**36.126.0**
6	**G1/8″**	9.9	14	15	23	50	**36.127.0**
6	**G1/4″**	13.3	18	17	24	50	**36.128.0**
8	**G1/8″**	9.9	14	15	24.5	50	**36.129.0**
8	**G1/4″**	13.3	18	17	26	50	**36.130.0**
8	**G3/8″**	16.6	21	20	28	50	**36.131.0**
10	**G1/4″**	13.3	18	17	27	50	**36.132.0**
10	**G3/8″**	16.6	21	20	29	25	**36.133.0**
12	**G3/8″**	16.6	21	20	30	25	**36.135.0**

RP501

Asta con filetto maschio cilindrico assemblata con anello singolo

Complete single assembled banjo

Угловой фитинг с серьгой. Цилиндрическая резьба.



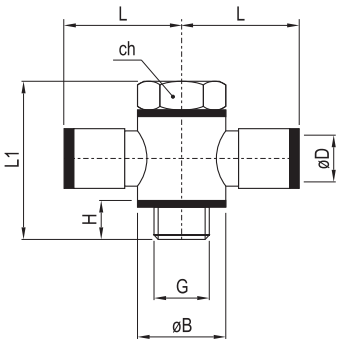
tubo (øD) *tube* трубка	**G**	**øB**	**H**	**L1**	**L**	**ch**	confez. *package* упак.	codice *code* код
4	**M5**	7	4.5	17.5	18.5	8	50	**36.166.0**
4	**G1/8″**	14	7.5	28	21	14	50	**36.167.0**
5	**M5**	7	4.5	17.5	19.5	8	50	**36.168.0**
5	**G1/8″**	14	7.5	28	22.5	14	50	**36.169.0**
6	**G1/8″**	14	7.5	28	22.5	14	50	**36.170.0**
6	**G1/4″**	18	9	33	24	17	50	**36.171.0**
8	**G1/8″**	14	7.5	28	24.5	14	25	**36.172.0**
8	**G1/4″**	18	9	33	26	17	25	**36.173.0**
8	**G3/8″**	21	10	37	28	22	25	**36.174.0**
10	**G1/4″**	18	9	33	27	17	25	**36.175.0**
10	**G3/8″**	21	10	37	29	22	25	**36.176.0**
12	**G3/8″**	21	10	37	30	22	10	**36.177.0**

RP511

Asta con filetto maschio cilindrico assemblata con anello doppio

Complete double assembled banjo

Т-образный фитинг с двойной серьгой. Цилиндрическая резьба.



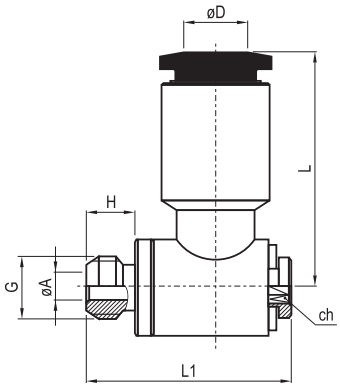
tubo (øD) *tube* трубка	**G**	**øB**	**H**	**L1**	**L**	**ch**	confez. *package* упак.	codice *code* код
4	**M5**	7	4.5	17.5	18.5	8	50	**36.178.0**
4	**G1/8″**	14	7.5	28	21	14	50	**36.179.0**
5	**M5**	7	4.5	17.5	19.5	8	50	**36.180.0**
5	**G1/8″**	14	7.5	28	22.5	14	50	**36.181.0**
6	**G1/8″**	14	7.5	28	22.5	14	50	**36.182.0**
6	**G1/4″**	18	9	33	24	17	50	**36.183.0**
8	**G1/8″**	14	7.5	28	24.5	14	25	**36.184.0**
8	**G1/4″**	18	9	33	26	17	25	**36.185.0**
8	**G3/8″**	21	10	37	28	22	25	**36.186.0**
10	**G1/4″**	18	9	33	27	17	25	**36.187.0**
10	**G3/8″**	21	10	37	29	22	25	**36.188.0**
12	**G3/8″**	21	10	37	30	22	10	**36.189.0**

RP550

Raccordo orientabile banjo singolo

Complete swivel single banjo

Угловой поворотный фитинг с серьгой. Цилиндрическая резьба.



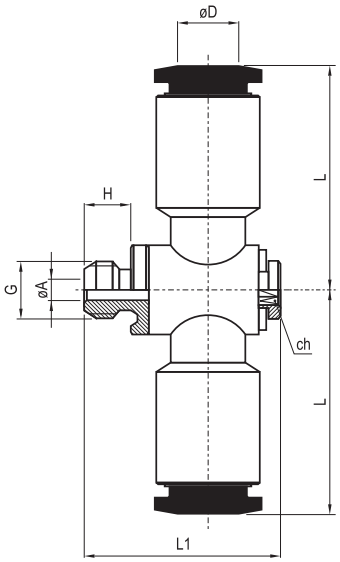
tubo (øD) *tube* трубка	G	øA	H	L1	L	ch	confez. *package* упак.	codice *code* код
4	**M5**	2	4	17	18.5	2	50	**36.137.0**
4	**G1/8″**	5.5	6	25	21	3	50	**36.138.0**
5	**M5**	2	4	17	19.5	2	50	**36.139.0**
5	**G1/8″**	5.5	6	25	22.5	3	50	**36.140.0**
6	**G1/8″**	5.5	6	25	23.5	3	50	**36.141.0**
6	**G1/4″**	7.8	8	29.3	24.5	4	50	**36.142.0**
8	**G1/8″**	5.5	6	25	24.5	3	50	**36.143.0**
8	**G1/4″**	7.8	8	29.3	26	4	50	**36.144.0**
8	**G3/8″**	10	9	34	29	5	25	**36.145.0**
10	**G1/4″**	7.8	8	29.3	27	4	25	**36.146.0**
10	**G3/8″**	10	9	34	29	5	25	**36.147.0**
12	**G1/4″**	7.8	8	29.3	28	4	25	**36.148.0**
12	**G3/8″**	10	9	34	29	5	25	**36.149.0**

RP560

Raccordo orientabile banjo doppio

Complete swivel double banjo

Т-образный поворотный фитинг с двойной серьгой. Цилиндрическая резьба.



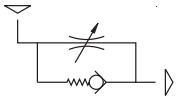
tubo (øD) *tube* трубка	G	øA	H	L1	L	ch	confez. *package* упак.	codice *code* код
4	**M5**	2	4	17	18.5	2	50	**36.152.0**
4	**G1/8″**	5.5	6	25	21	3	50	**36.153.0**
5	**M5**	2	4	17	19.5	2	50	**36.154.0**
5	**G1/8″**	5.5	6	25	22.5	3	50	**36.155.0**
6	**G1/8″**	5.5	6	25	23	3	50	**36.156.0**
6	**G1/4″**	7.8	8	29.3	24	4	50	**36.157.0**
8	**G1/8″**	5.5	6	25	24	3	50	**36.158.0**
8	**G1/4″**	7.8	8	29.3	26	4	50	**36.159.0**
8	**G3/8″**	10	9	34	28	5	25	**36.160.0**
10	**G1/4″**	7.8	8	29.3	27	4	25	**36.161.0**
10	**G3/8″**	10	9	34	29	5	25	**36.162.0**
12	**G3/8″**	10	9	34	29	5	25	**36.164.0**

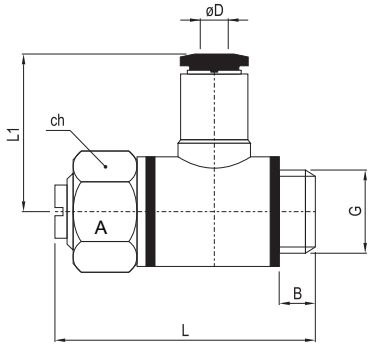
RG063

Raccordo a L con regolatore di flusso per valvola

L-fitting with flow regulator for valve

L-образный дроссель с обратным клапаном для распределителей





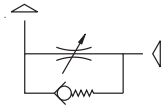
tubo (øD) *tube* трубка	G	B	L1	L	ch	confez. *package* упак.	codice *code* код
4	**M5**	6	17	24.5	8	50	**36.661.0**
4	**G1/8"**	5.5	21	31.5	14	50	**36.190.0**
6	**G1/8"**	5.5	22.5	31.5	14	50	**36.192.0**
6	**G1/4"**	6	24	38	17	50	**36.193.0**
8	**G1/8"**	5.5	24.5	31.5	14	25	**36.194.0**
8	**G1/4"**	6	26	38	17	25	**36.195.0**

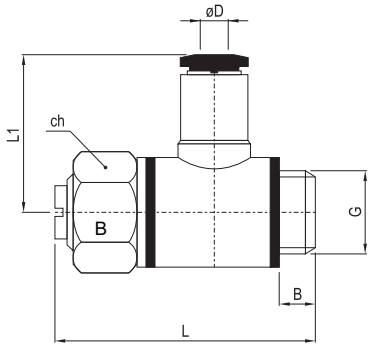
RG053

Raccordo a L con regolatore di flusso per cilindro

L-fitting with flow regulator for cylinder

L-образный дроссель с обратным клапаном для цилиндров





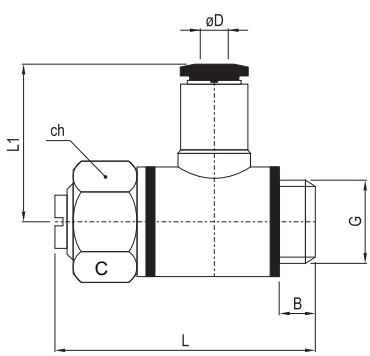
tubo (øD) *tube* трубка	G	B	L1	L	ch	confez. *package* упак.	codice *code* код
4	**M5**	6	17	24.5	8	50	**36.662.0**
4	**G1/8"**	5.5	21	31.5	14	50	**36.196.0**
6	**G1/8"**	5.5	22.5	31.5	14	50	**36.198.0**
6	**G1/4"**	6	24	38	17	50	**36.199.0**
8	**G1/8"**	5.5	24.5	31.5	14	25	**36.200.0**
8	**G1/4"**	6	26	38	17	25	**36.201.0**

RG073

Raccordo a L con regolatore di flusso bidirezionale

L-fitting with bidirectional flow regulator

L-образный двухсторонний дроссель



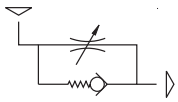
tubo (øD) *tube* трубка	G	B	L1	L	ch	confez. *package* упак.	codice *code* код
4	**M5**	6	17	24.5	8	50	**36.663.0**
4	**G1/8"**	5.5	21	31.5	14	50	**36.202.0**
6	**G1/8"**	5.5	22.5	31.5	14	50	**36.204.0**
6	**G1/4"**	6	24	38	17	50	**36.205.0**
8	**G1/8"**	5.5	24.5	31.5	14	25	**36.206.0**
8	**G1/4"**	6	26	38	17	25	**36.207.0**

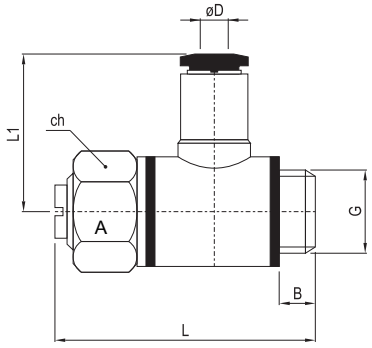
Raccordo a L girevole con regolatore di flusso per valvola

Swivel L-fitting with flow regulator for valve

Поворотный L-образный дроссель с обратным клапаном для распределителей

tubo (øD) *tube* трубка	**G**	**B**	**L1**	**L**	**ch**	confez. *package* упак.	codice *code* код
8	**G1/4"**	8	25	41.2	17	50	**36.551.0**



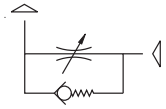


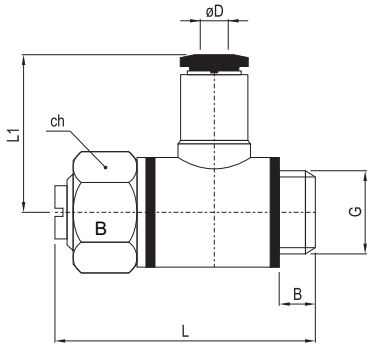
Raccordo a L girevole con regolatore di flusso per cilindro

Swivel L-fitting with flow regulator for cylinder

Поворотный L-образный дроссель с обратным клапаном для цилиндров

tubo (øD) *tube* трубка	**G**	**B**	**L1**	**L**	**ch**	confez. *package* упак.	codice *code* код
8	**G1/4"**	8	25	41.2	17	50	**36.550.0**





dati tecnici raccordi automatici INOX

technical data *технические данные*

INOX

diametro esterno tubo *external diameter of tube* наружный диам. трубки	diametro interno tubo *internal diameter of tube* внутренний диам. трубки	**pressione di esercizio [bar] dei raccordi con tubi per aria** *working pressure [bar] with hoses for air* рабочее давление [bar] с трубками для воздуха		
		-20 ... +30°C	*+31 ... +70°C*	*+71 ... +130°C*
4 mm	2 mm	16	10	6
5 mm	3 mm	16	10	6
6 mm	4 mm	16	10	6
8 mm	6 mm	14	10	6
10 mm	8 mm	14	10	6
12 mm	10 mm	14	10	6
14 mm	12 mm	12	10	6

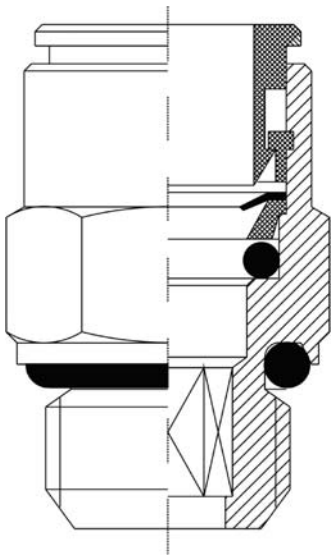
tolleranze ammesse per i tubi PA11 e PA12 *tolerances for hoses PA11 and PA12* допускаемое отклонение для трубок PA11 и PA12	
diametro esterno tubo *external diameter of tube* наружный диам. трубки	tolleranza *tolerance* отклонение
4 ... 8 mm	-0.05 ... +0.05
10 ... 14 mm	-0.1 ... +0.1

tolleranze ammesse per i tubi in poliuretano (PU) *tolerances for poliurethane (PU) hoses* допускаемое отклонение для полиуретановых трубок (PU)	
diametro esterno tubo *external diameter of tube* наружный диам. трубки	tolleranza *tolerance* отклонение
4 ... 8 mm	-0.05 ... +0.05
10 ... 14 mm	-0.1 ... +0.1

Materiali
Corpo: acciaio INOX AISI 316L
Pinza: acciaio INOX AISI 301
Guarnizioni: VITON

Materials
Body: stainless steel INOX AISI 316L
Clamp: stainless steel INOX AISI 301
Seals: VITON

Материалы
Корпус: нержавеющая сталь INOX AISI 316L
Цанга: нержавеющая сталь INOX AISI 301
Уплотнения: резина VITON



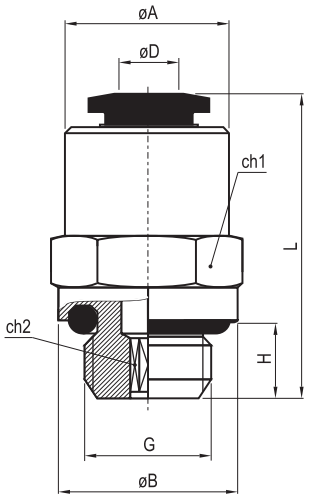
Temperatura di esercizio *Temperature range* Рабочая температура	-20 ... +130°C
Fluido *Fluid* Рабочая среда	Aria filtrata con o senza lubrificazione *filtered, lubricated or non lubricated air* очищенный сжатый воздух со смазкой или без

RX020

Raccordo diritto maschio cilindrico

Straight male fitting, with cylindric thread

Фитинг прямой с цилиндрической резьбой и уплотнительным кольцом



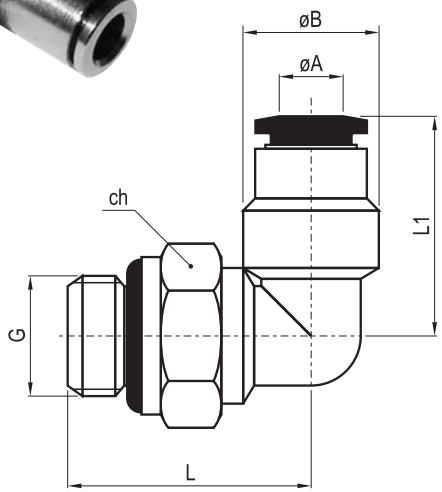
tubo (øD) *tube* трубка	G	øA	øB	H	L	ch1	ch2	confez. *package* упак.	codice *code* код
4	**M5**	9	8	4	20	9	-	10	**36.1318.0**
4	**G1/8″**	9	13	6	17	13	5	10	**36.1319.0**
6	**G1/8″**	11	13	6	23	13	4	10	**36.1320.0**
6	**G1/4″**	11	16	8	21	16	4	10	**36.1321.0**
8	**G1/8″**	13	13	6	26	13	6	10	**36.1322.0**
8	**G1/4″**	13	16	8	25	16	6	10	**36.1323.0**

RX115

Raccordo a L orientabile maschio cilindrico

Swivel L-fitting with cylindric thread

Поворотный L-образный фитинг с цилиндрической резьбой и уплотнительным кольцом



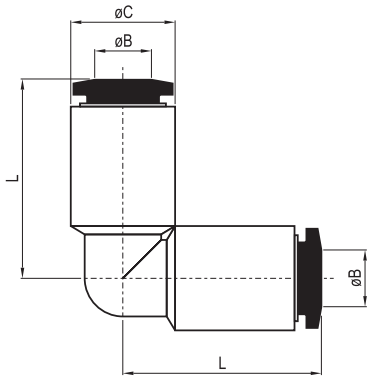
tubo (øA) *tube* трубка	G	øB	L1	L	ch	confez. *package* упак.	codice *code* код
4	**M5**	9	17	14.5	9	10	**36.1324.0**
4	**G1/8″**	9	17	20	13	10	**36.1325.0**
6	**G1/8″**	11	21	20	13	10	**36.1326.0**
6	**G1/4″**	11	21	21	16	10	**36.1327.0**
8	**G1/8″**	13	24	20	13	10	**36.1328.0**
8	**G1/4″**	13	24	21	16	10	**36.1329.0**

RX130

Raccordo a L intermedio

Intermediate elbow connector

L-образный фитинг-соединитель



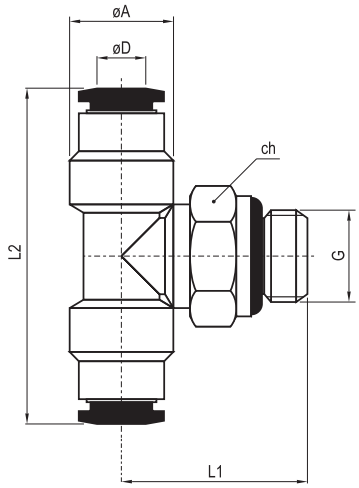
tubo (øB) *tube* трубка	øC	L		confez. *package* упак.	codice *code* код
4	9	17		10	**36.1341.0**
6	9	20		10	**36.1342.0**
8	12	21		10	**36.1343.0**
10	12	25		10	**36.1344.0**
12	14	27		10	**36.1345.0**

RX215

Raccordo a T orientabile maschio cilindrico

Swivel T-fitting, cylindric thread on the central leg

Поворотный Т-образный фитинг с цилиндрической резьбой и уплотнительным кольцом



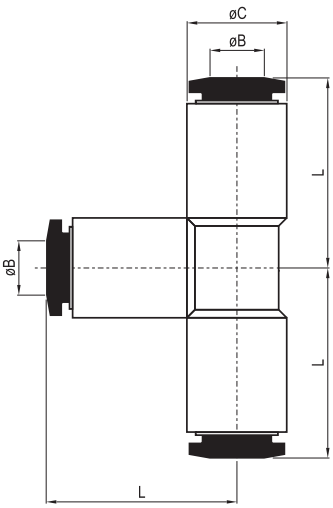
tubo (øD) *tube* трубка	G	øA	L1	L2	ch	confez. *package* упак.	codice *code* код
4	**M5**	9	18	34	9	10	**36.1330.0**
4	**G1/8"**	9	20	34	13	10	**36.1331.0**
6	**G1/8"**	11	20	39	13	10	**36.1332.0**
6	**G1/4"**	11	21	39	16	10	**36.1333.0**
8	**G1/8"**	13	20	46	13	10	**36.1334.0**
8	**G1/4"**	13	21	46	16	10	**36.1335.0**

RX230

Raccordo a T intermedio

T-connector

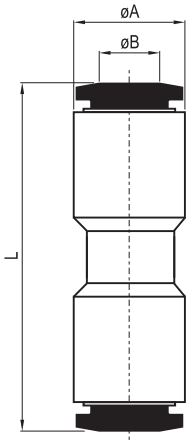
Т-образный фитинг-соединитель



tubo (øB) *tube* трубка	øC	L		confez. *package* упак.	codice *code* код
4	9	17		10	**36.1346.0**
6	11	19.5		10	**36.1347.0**
8	13	23		10	**36.1348.0**
10	15	25		10	**36.1349.0**
12	18	27		10	**36.1350.0**

RX040

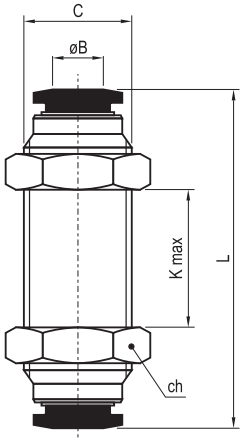
Raccordo diritto intermedio
Intermediate straight connector
Фитинг-соединитель прямой



tubo (øB) *tube* трубка	øA	L		confez. *package* упак.	codice *code* код
4	9	30		10	**36.1336.0**
6	11	31.5		10	**36.1337.0**
8	13	36		10	**36.1338.0**
10	15	37		10	**36.1339.0**
12	17	40.5		10	**36.1340.0**

RX050

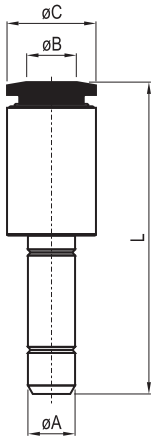
Raccordo diritto intermedio passaparete
Intermediate straight connector for panel mounting
Фитинг-соединитель прямой с монтажной резьбой на корпусе и гайками



tubo (øB) *tube* трубка	C	L	K max	ch	confez. *package* упак.	codice *code* код
4	M12x1	27	11	15	10	**36.1351.0**
6	M14x1	32.5	16	17	10	**36.1352.0**
8	M16x1	33	17	19	10	**36.1353.0**
10	M18x1	37.5	19	21	10	**36.1354.0**
12	M20x1	39.5	20	24	10	**36.1355.0**

RX700

Riduzione
Reducer
Редуктор



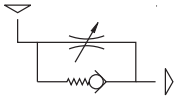
øA	tubo (øB) *tube* трубка	øC	L	confez. *package* упак.	codice *code* код
6	**4**	9	31	10	**36.1356.0**
8	**6**	12	33	10	**36.1357.0**
10	**8**	14	34.5	10	**36.1358.0**

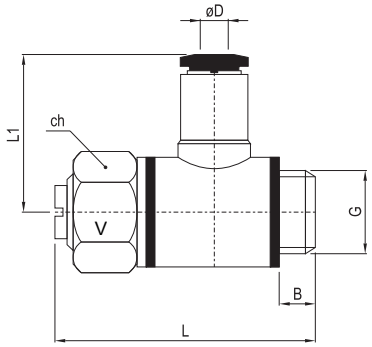
RGX063

Raccordo a L con regolatore di flusso per valvola

L-fitting with flow regulator for valve

L-образный дроссель с обратным клапаном для распределителей





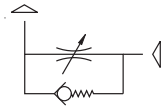
tubo (øD) *tube* трубка	G	B	L1	L	ch	confez. *package* упак.	codice *code* код
4	**G1/8"**	5.5	19.5	36	14	10	**36.1359.0**
6	**G1/8"**	5.5	21.5	36	14	10	**36.1360.0**
6	**G1/4"**	6.5	23.5	42	17	10	**36.1361.0**
8	**G1/8"**	5.5	23.5	36	14	10	**36.1362.0**
8	**G1/4"**	6.5	24	42	17	10	**36.1363.0**

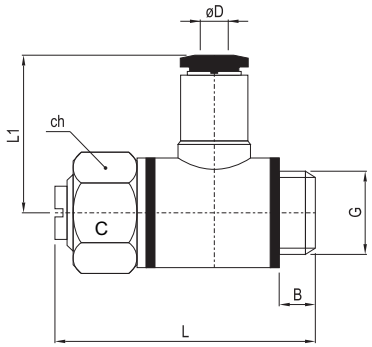
RGX053

Raccordo a L con regolatore di flusso per cilindro

L-fitting with flow regulator for cylinder

L-образный дроссель с обратным клапаном для цилиндров





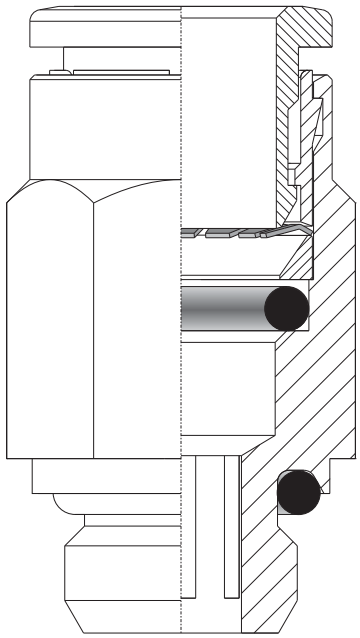
tubo (øD) *tube* трубка	G	B	L1	L	ch	confez. *package* упак.	codice *code* код
4	**G1/8"**	5.5	19.5	36	14	10	**36.1364.0**
6	**G1/8"**	5.5	21.5	36	14	10	**36.1365.0**
6	**G1/4"**	6.5	23.5	42	17	10	**36.1366.0**
8	**G1/8"**	5.5	23.5	36	14	10	**36.1367.0**
8	**G1/4"**	6.5	24	42	17	10	**36.1368.0**

dati tecnici raccordi automatici in polimero

technical data *технические данные*

tolleranze ammesse per i tubi PA11 e PA12 *tolerances for hoses PA11 and PA12* допускаемое отклонение для трубок PA11 и PA12	
diametro esterno tubo *external diameter of tube* наружный диам. трубки	tolleranza *tolerance* отклонение
4 ... 8 mm	-0.08 ... +0.05
10 ... 16 mm	-0.1 ... +0.05

tolleranze ammesse per i tubi in poliuretano (PU) *tolerances for poliurethane (PU) hoses* допускаемое отклонение для полиуретановых трубок (PU)	
diametro esterno tubo *external diameter of tube* наружный диам. трубки	tolleranza *tolerance* отклонение
4 ... 16 mm	-0.02 ... +0.02



Materiali
Corpo: polibutilene (PBT), ottone nichelato
Pinza: acciaio
Guarnizioni: NBR

Materials
Body: polybutylene (PBT), nickeled brass
Clamp: steel
Seals: NBR

Материалы
Корпус: полибутилен (PBT), никелированная латунь
Цанга: сталь
Уплотнения: резина NBR

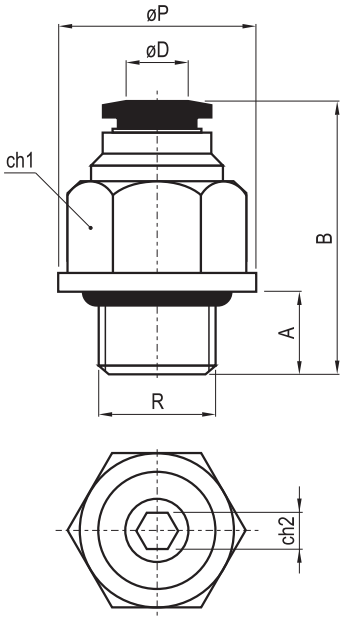
Temperatura di esercizio *Temperature range* Рабочая температура	0 ... +60°C
Pressione di esercizio *Pressure range* Рабочее давление	max 10 bar
Fluido *Fluid* Рабочая среда	Aria filtrata con o senza lubrificazione *filtered, lubricated or non lubricated air* очищенный сжатый воздух со смазкой или без

AZC-G

Raccordo diritto maschio cilindrico

Straight male fitting, with cylindric thread

Фитинг прямой с цилиндрической резьбой и уплотнительным кольцом



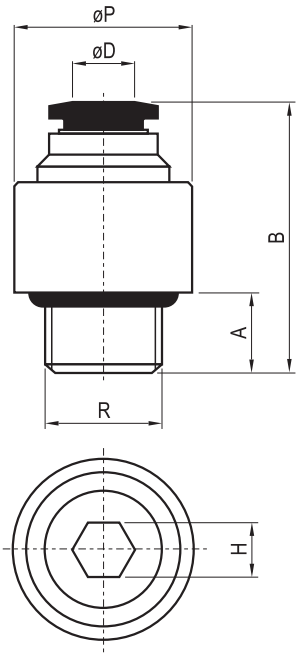
tubo (øD) *tube* трубка	R	øP	B	A	ch1	ch2	confez. *package* упак.	codice *code* код
4	**M5**	-	20.3	3.5	10	2	10	**36.800.0**
4	**G1/8″**	14	19.5	5.5	10	3	10	**36.801.0**
4	**G1/4″**	17	18.6	7.5	17	3	10	**36.802.0**
6	**M5**	-	21	3.5	12	2	10	**36.803.0**
6	**G1/8″**	14	22	5.5	12	4	10	**36.804.0**
6	**G1/4″**	17	22.5	7.5	12	4	10	**36.805.0**
6	**G3/8″**	20	20.3	7.5	12	4	10	**36.806.0**
8	**G1/8″**	14	25	5.5	14	4	10	**36.807.0**
8	**G1/4″**	17	24	7.5	17	5	10	**36.808.0**
8	**G3/8″**	20	20.5	7.5	20	6	10	**36.809.0**
8	**G1/2″**	24	24	10	24	6	10	**36.810.0**
10	**G1/8″**	14	29	5.5	14	4	10	**36.811.0**
10	**G1/4″**	17	30.5	7.5	17	6	10	**36.812.0**
10	**G3/8″**	20	27	7.5	20	8	10	**36.813.0**
10	**G1/2″**	24	30	10	24	8	10	**36.814.0**
12	**G1/4″**	17	33	7.5	17	6	10	**36.815.0**
12	**G3/8″**	20	28	7.5	20	8	10	**36.816.0**
12	**G1/2″**	24	30.5	10	24	8	5	**36.817.0**
16	**G3/8″**	20	35	7.5	20	8	5	**36.819.0**
16	**G1/2″**	24	37	10	24	10	5	**36.820.0**

AZOC-G

Raccordo diritto maschio cilindrico con esagono per chiave incassato

Straight male fitting, with cylindric thread and internal key hexagon

Фитинг прямой с цилиндрической резьбой и внутренним шестиугольником для ключа



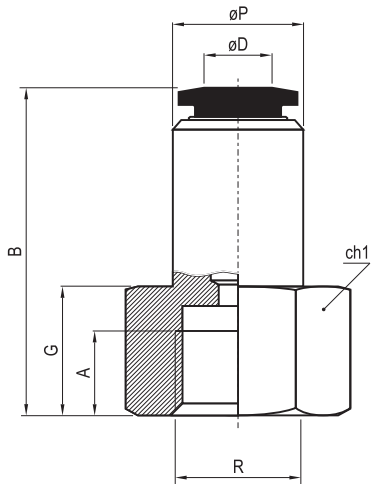
tubo (øD) *tube* трубка	R	øP	B	A	H	confez. *package* упак.	codice *code* код
4	**G1/8″**	14	19	5.5	3	10	**36.1131.0**
4	**G1/4″**	17	17.5	7.5	3	10	**36.1132.0**
6	**G1/8″**	14	22	5.5	4	10	**36.1134.0**
6	**G1/4″**	17	22.5	7.5	4	10	**36.1135.0**
6	**G3/8″**	20	18	7.5	4	5	**36.1136.0**
8	**G1/8″**	14	25	5.5	4	10	**36.1137.0**
8	**G1/4″**	17	24	7.5	5	10	**36.1138.0**
8	**G3/8″**	20	20.5	7.5	6	5	**36.1139.0**
8	**G1/2″**	24	20.5	10	6	5	**36.1140.0**
10	**G1/8″**	17	29	5.5	4	10	**36.1141.0**
10	**G1/4″**	17	30.5	7.5	6	10	**36.1142.0**
10	**G3/8″**	20	27	7.5	8	5	**36.1143.0**
10	**G1/2″**	24	25	10	8	5	**36.1144.0**
12	**G1/4″**	21	32	7.5	6	5	**36.1145.0**
12	**G3/8″**	21	28	7.5	8	5	**36.1146.0**
12	**G1/2″**	24	30.5	10	8	5	**36.1147.0**

AZCF-G

Raccordo diritto femmina

Straight female fitting

Фитинг прямой с внутренней цилиндрической резьбой



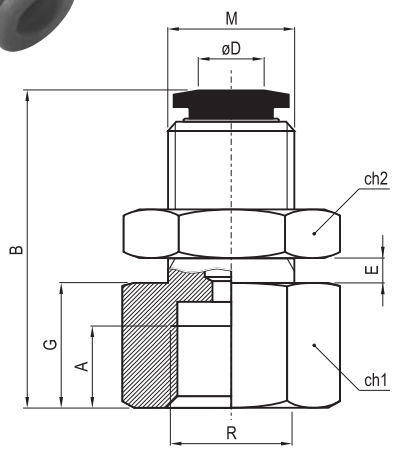
tubo (øD) *tube* трубка	R	øP	B	G	A	ch1	confez. *package* упак.	codice *code* код
4	**G1/8″**	10	24	10	8.5	14	10	**36.944.0**
4	**G1/4″**	10	26.5	12.5	11	17	10	**36.945.0**
6	**G1/8″**	12	24.5	10.5	8.5	14	10	**36.946.0**
6	**G1/4″**	12	27	13	11	17	10	**36.947.0**
6	**G3/8″**	12	28	14	12	21	10	**36.948.0**
8	**G1/8″**	14	26	10.5	8.5	14	10	**36.949.0**
8	**G1/4″**	14	28.5	13	11	17	10	**36.950.0**
8	**G3/8″**	14	29.5	14	12	21	10	**36.951.0**
8	**G1/2″**	14	31.5	16	14	24	10	**36.952.0**
10	**G1/4″**	17	32.7	13	11	17	10	**36.954.0**
10	**G3/8″**	17	33	14	12	21	10	**36.955.0**
10	**G1/2″**	17	35.7	16	14	24	10	**36.956.0**
12	**G1/4″**	20	33.5	13	11	21	10	**36.957.0**
12	**G3/8″**	20	34.5	14	12	21	10	**36.958.0**
12	**G1/2″**	20	36.5	16	14	24	5	**36.959.0**

AZMF-G

Raccordo diritto femmina passaparete

Straight female fitting with external thread for panel mounting

Фитинг прямой с гайкой для монтажной панели и с внутренней цилиндрической резьбой



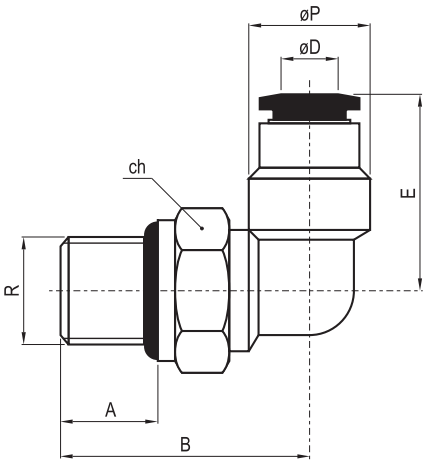
tubo (øD) *tube* трубка	R	B	G	A	E max	ch1	ch2	M	confez. *package* упак.	codice *code* код
4	**G1/8″**	24	10	8.5	5	14	14	M12x1	10	**36.842.0**
4	**G1/4″**	26.5	12	11	5	17	14	M12x1	10	**36.843.0**
6	**G1/8″**	24.5	10.5	8.5	6	14	17	M14x1	10	**36.844.0**
6	**G1/4″**	27	13	11	6	17	17	M14x1	10	**36.845.0**
6	**G3/8″**	28	14	12	6	21	17	M14x1	10	**36.846.0**
8	**G1/8″**	26	10.5	8.5	7	17	19	M16x1	10	**36.847.0**
8	**G1/4″**	28.5	13	11	7	17	19	M16x1	10	**36.848.0**
8	**G3/8″**	29.5	14	12	7	21	19	M16x1	10	**36.849.0**
8	**G1/2″**	34	16	14	7	24	19	M16x1	10	**36.850.0**
10	**G1/8″**	30	10.5	8.5	8	21	24	M20x1	10	**36.851.0**
10	**G1/4″**	32.5	13	11	8	21	24	M20x1	10	**36.852.0**
10	**G3/8″**	33.5	14	12	8	21	24	M20x1	10	**36.853.0**
10	**G1/2″**	37.2	16	14	8	24	24	M20x1	5	**36.854.0**
12	**G1/4″**	33.5	13	11	10	24	27	M22x1	5	**36.855.0**
12	**G3/8″**	34.5	14	12	10	24	27	M22x1	5	**36.856.0**
12	**G1/2″**	37	16	14	10	24	27	M22x1	5	**36.857.0**

AZL-G

Raccordo a L orientabile maschio cilindrico

Swivel L-fitting with cylindric thread

Поворотный L-образный фитинг с цилиндрической резьбой и уплотнительным кольцом



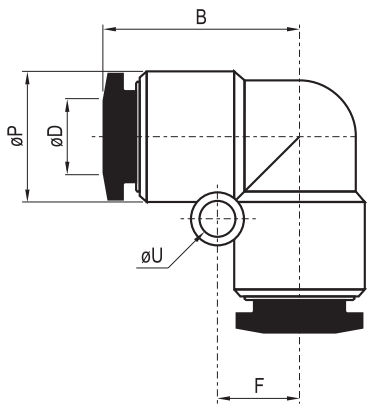
tubo (øD) *tube* трубка	R	øP	B	E	A	ch	confez. *package* упак.	codice *code* код
4	**M5**	11.5	22.5	19	3.5	10	10	**36.750.0**
4	**G1/8″**	11.5	25.5	19	5.5	14	10	**36.751.0**
4	**G1/4″**	11.5	28	19	7.5	17	10	**36.752.0**
6	**M5**	13.5	23.2	19.2	3.5	12	10	**36.753.0**
6	**G1/8″**	13.5	25.7	19.2	5.5	14	10	**36.754.0**
6	**G1/4″**	13.5	28.2	19.2	7.5	17	10	**36.755.0**
6	**G3/8″**	13.5	28.7	19.2	7.5	20	10	**36.756.0**
8	**G1/8″**	15	29	22.5	5.5	14	10	**36.757.0**
8	**G1/4″**	15	31.5	22.5	7.5	17	10	**36.758.0**
8	**G3/8″**	15	32	22.5	7.5	20	10	**36.759.0**
8	**G1/2″**	15	34.5	22.5	10	24	10	**36.760.0**
10	**G1/8″**	19	34	27.8	5.5	17	10	**36.761.0**
10	**G1/4″**	19	36.5	27.8	7.5	17	10	**36.762.0**
10	**G3/8″**	19	36.5	27.8	7.5	20	10	**36.763.0**
10	**G1/2″**	19	40	27.8	10	24	5	**36.764.0**
12	**G1/4″**	21.5	38.5	29.5	7.5	21	10	**36.765.0**
12	**G3/8″**	21.5	38.5	29.5	7.5	21	10	**36.766.0**
12	**G1/2″**	21.5	41.5	29.5	10	24	5	**36.767.0**
16	**G3/8″**	26.5	42.5	33	7.5	24	5	**36.769.0**
16	**G1/2″**	26.5	44.5	33	10	24	5	**36.770.0**

AZUL

Raccordo a L intermedio

Intermediate elbow connector

L-образный фитинг-соединитель



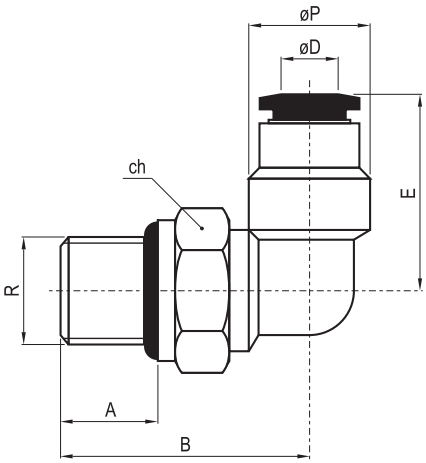
tubo (øD) *tube* трубка	øP	F	øU	B	confez. *package* упак.	codice *code* код
4	11.5	7	3.2	19	10	**36.970.0**
6	13.5	8	3.2	19.2	10	**36.971.0**
8	15	9.5	3.2	22.5	10	**36.972.0**
10	19	12	4.2	27.8	10	**36.973.0**
12	21.5	13	4.2	29.5	5	**36.974.0**
16	26.5	-	-	33	5	**36.975.0**

AZLN-G

Raccordo a L orientabile maschio cilindrico - **MINI**

*Swivel L-fitting with cylindric thread - **MINI***

Поворотный L-образный фитинг с цилиндрической резьбой и уплотнительным кольцом - **МИНИ**



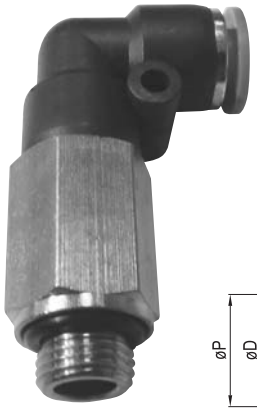
tubo (øD) *tube* трубка	R	øP	B	E	A	ch	confez. *package* упак.	codice *code* код
4	**M5**	9.5	17.2	14	3.5	8	10	**36.1160.0**
4	**G1/8″**	11.5	20.5	19	7.5	10	10	**36.1161.0**
4	**G1/4″**	11.5	20	19	9.5	14	10	**36.1162.0**
6	**M5**	11.5	17.2	16	3.5	8	10	**36.1163.0**
6	**G1/8″**	13.5	21.5	19.2	7.5	10	10	**36.1164.0**
6	**G1/4″**	13.5	21	19.2	9.5	14	10	**36.1165.0**
6	**G3/8″**	13.5	22	19.2	10.5	17	10	**36.1166.0**
8	**G1/8″**	15	22.2	22.5	7.5	12	10	**36.1167.0**
8	**G1/4″**	15	21.7	22.5	9.5	14	10	**36.1168.0**
8	**G3/8″**	15	22.7	22.5	10.5	17	10	**36.1169.0**
8	**G1/2″**	15	26.2	22.5	13.5	21	10	**36.1170.0**
10	**G1/8″**	19	26.9	27.8	7.5	14	10	**36.1171.0**
10	**G1/4″**	19	28.4	27.8	9.5	14	10	**36.1172.0**
10	**G3/8″**	19	24.7	27.8	10.5	17	10	**36.1173.0**
10	**G1/2″**	19	28.2	27.8	13.5	21	10	**36.1174.0**
12	**G1/4″**	21.5	29.7	29.5	9.5	15	10	**36.1175.0**
12	**G3/8″**	21.5	26	29.5	10.5	17	10	**36.1176.0**
12	**G1/2″**	21.5	29.5	29.5	13.5	21	10	**36.1177.0**
16	**G3/8″**	26.5	35	34	10.5	20	10	**36.1178.0**
16	**G1/2″**	26.5	34	34	13.5	21	10	**36.1179.0**

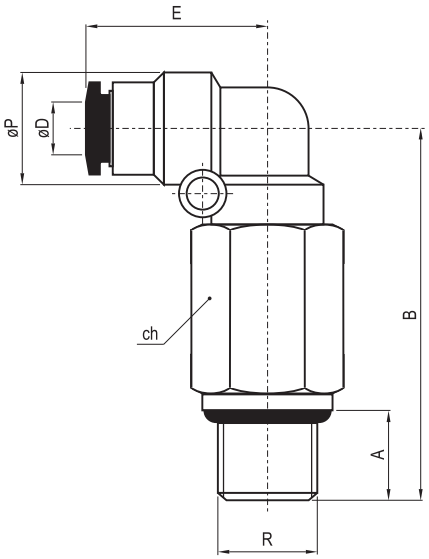
AZLL-G

Raccordo a L orientabile lungo, maschio cilindrico

Long swivel L-fitting with cylindric thread

Длинный поворотный L-образный фитинг с цилиндрической резьбой и уплотнительным кольцом





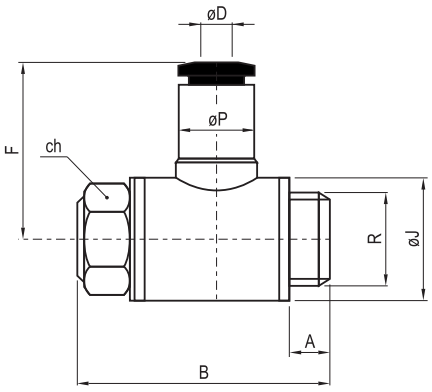
tubo (øD) *tube* трубка	R	øP	B	E	A	ch	confez. *package* упак.	codice *code* код
4	M5	11.5	34.5	19	3.5	10	10	36.771.0
4	G1/8″	11.5	37.5	19	5.5	14	10	36.772.0
4	G1/4″	11.5	39.5	19	7.5	17	10	36.773.0
6	M5	13.5	36.5	19.2	3.5	12	10	36.774.0
6	G1/8″	13.5	39.2	19.2	5.5	14	10	36.775.0
6	G1/4″	13.5	41.7	19.2	7.5	17	10	36.776.0
6	G3/8″	13.5	43.2	19.2	7.5	20	10	36.777.0
8	G1/8″	15	44.3	22.5	5.5	14	10	36.778.0
8	G1/4″	15	46.3	22.5	7.5	17	10	36.779.0
8	G3/8″	15	48	22.5	7.5	20	5	36.780.0
8	G1/2″	15	50.3	22.5	10	24	5	36.781.0
10	G1/8″	19	56	27.8	5.5	17	5	36.782.0
10	G1/4″	19	56.5	27.8	7.5	17	5	36.783.0
10	G3/8″	19	56.5	27.8	7.5	20	5	36.784.0
10	G1/2″	19	60	27.8	10	24	5	36.785.0
12	G1/4″	21.5	61.5	29.5	7.5	21	2	36.786.0
12	G3/8″	21.5	62	29.5	7.5	21	2	36.787.0
12	G1/2″	21.5	65	29.5	10	24	2	36.788.0

AZH-G

Asta con filetto maschio cilindrico assemblata con anello singolo

Complete single assembled banjo

Угловой фитинг с серьгой. Цилиндрическая резьба.



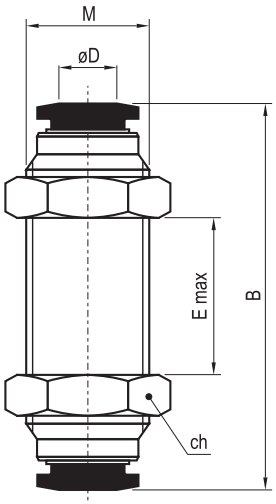
tubo (øD) *tube* трубка	R	øP	øJ	B	A	ch	F	confez. *package* упак.	codice *code* код
4	M5	11.5	10	17.3	3.5	8	20.5	10	36.1048.0
4	G1/8″	11.5	14.2	23	5.5	12	23.5	10	36.1049.0
4	G1/4″	11.5	18.2	26.3	7.5	14	25.5	10	36.1050.0
6	M5	13.5	10	17.3	3.5	8	22	10	36.1051.0
6	G1/8″	13.5	14.2	23	5.5	12	23.5	10	36.1052.0
6	G1/4″	13.5	18.2	26.3	7.5	14	25.4	10	36.1053.0
6	G3/8″	13.5	21.8	32	7.5	19	29.5	5	36.1054.0
8	G1/8″	15	14.2	23	5.5	12	26.5	10	36.1055.0
8	G1/4″	15	18.2	26.3	7.5	14	28.9	10	36.1056.0
8	G3/8″	15	21.8	32	7.5	19	29.8	5	36.1057.0
8	G1/2″	15	28	39	10	24	32.5	5	36.1058.0
10	G1/4″	19	18.2	26.3	7.5	14	32.6	5	36.1059.0
10	G3/8″	19	21.8	32	7.5	19	33	5	36.1060.0
10	G1/2″	19	28	39	10	24	36	5	36.1061.0
12	G1/4″	21.5	18.2	26.3	7.5	14	33.5	5	36.1062.0
12	G3/8″	21.5	21.8	32	7.5	19	35.5	5	36.1063.0
12	G1/2″	21.5	28	39	10	24	36.5	5	36.1064.0

AZMM

Raccordo diritto intermedio passaparete

Intermediate straight connector for panel mounting

Фитинг-соединитель прямой с монтажной резьбой на корпусе и гайками



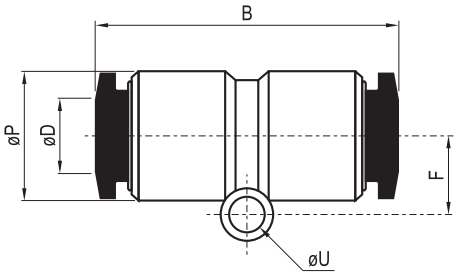
tubo (øD) *tube* трубка	M	B	ch	E max	confez. *package* упак.	codice *code* код
4	M12x1	30.5	14	9.5	10	**36.792.0**
6	M14x1	31	17	7.5	10	**36.793.0**
8	M16x1	34.5	19	6.5	10	**36.794.0**
10	M20x1	41.5	24	11.5	10	**36.795.0**
12	M22x1	44.5	26	12.5	5	**36.796.0**

AZUC

Raccordo diritto intermedio

Intermediate straight connector

Фитинг-соединитель прямой



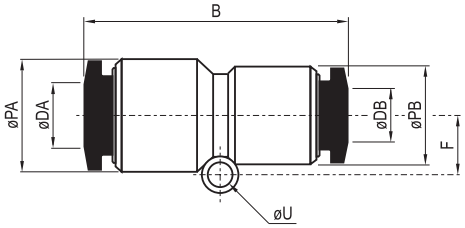
tubo (øD) *tube* трубка	øP	F	øU	B	confez. *package* упак.	codice *code* код
4	11.5	6	3.2	34	10	**36.960.0**
6	13.5	6.7	3.2	35.5	10	**36.961.0**
8	15	7.6	3.2	38.5	10	**36.962.0**
10	19	9	4.2	48	10	**36.963.0**
12	21.5	10	4.2	49	10	**36.964.0**
16	26.5	-	-	64	5	**36.965.0**

AZG

Raccordo diritto intermedio con riduzione

Intermediate straight connector with reduction

Фитинг-соединитель прямой с редукцией



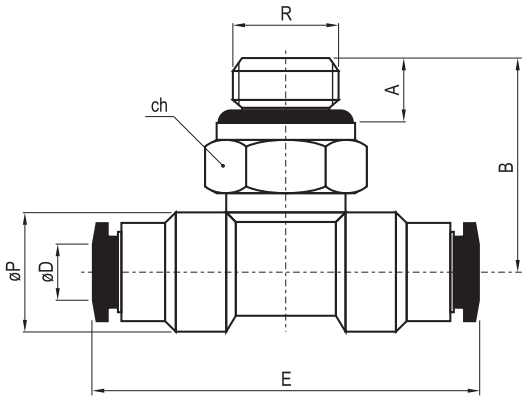
tubo (øDA) *tube* трубка	tubo (øDB) *tube* трубка	øPA	øPB	F	øU	B	confez. *package* упак.	codice *code* код
6	**4**	13.5	11	6.7	3.2	34.5	10	**36.966.0**
8	**6**	15	13	7.6	3.2	36.5	10	**36.967.0**
10	**8**	19	14.4	9	3.2	44	10	**36.968.0**
12	**10**	19	18.4	10	4.2	49	10	**36.969.0**

AZT-G

Raccordo a T orientabile maschio cilindrico

Swivel T-fitting, cylindric thread on the central leg

Поворотный Т-образный фитинг с цилиндрической резьбой и уплотнительным кольцом



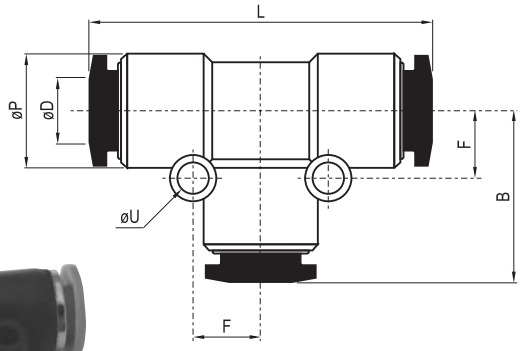
tubo (øD) *tube* трубка	R	øP	B	E	A	ch	confez. *package* упак.	codice *code* код
4	**M5**	11.5	22.5	38	3.5	10	10	**36.821.0**
4	**G1/8″**	11.5	25.5	38	5.5	14	10	**36.822.0**
4	**G1/4″**	11.5	28	38	7.5	17	10	**36.823.0**
6	**M5**	13.5	23.2	39	3.5	12	10	**36.824.0**
6	**G1/8″**	13.5	26.7	39	5.5	14	10	**36.825.0**
6	**G1/4″**	13.5	28.2	39	7.5	17	10	**36.826.0**
6	**G3/8″**	13.5	28.7	39	7.5	20	10	**36.827.0**
8	**G1/8″**	15	29	45	5.5	14	10	**36.828.0**
8	**G1/4″**	15	31.5	45	7.5	17	10	**36.829.0**
8	**G3/8″**	15	32	45	7.5	20	10	**36.830.0**
8	**G1/2″**	15	34.5	45	10	24	5	**36.831.0**
10	**G1/8″**	19	34.5	57	5.5	17	5	**36.832.0**
10	**G1/4″**	19	37	57	7.5	17	5	**36.833.0**
10	**G3/8″**	19	37	57	7.5	20	5	**36.834.0**
10	**G1/2″**	19	40.5	57	10	24	5	**36.835.0**
12	**G1/4″**	21.5	38.5	59	7.5	21	5	**36.836.0**
12	**G3/8″**	21.5	38.5	59	7.5	21	5	**36.837.0**
12	**G1/2″**	21.5	41.5	59	10	24	5	**36.838.0**
16	**G3/8″**	26.5	42.5	66	7.5	24	4	**36.840.0**
16	**G1/2″**	26.5	44.5	66	10	24	4	**36.841.0**

AZUT

Raccordo a T intermedio

T-connector

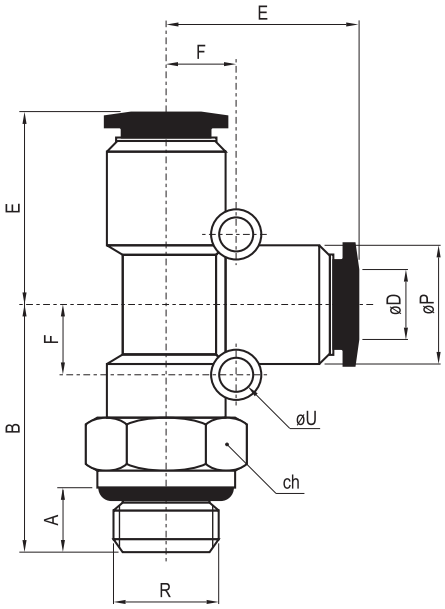
Т-образный фитинг-соединитель



tubo (øD) *tube* трубка	L	øP	øU	F	B	confez. *package* упак.	codice *code* код
4	38	11.5	3.2	7	19	10	**36.976.0**
6	39	13	3.2	8	19.2	10	**36.977.0**
8	45	15	3.2	9.5	22.5	10	**36.978.0**
10	57	19	4.2	12	27.8	5	**36.979.0**
12	59	21.5	4.3	13	29.5	5	**36.980.0**
16	64	26.5	-	-	32	4	**36.981.0**

AZST-G

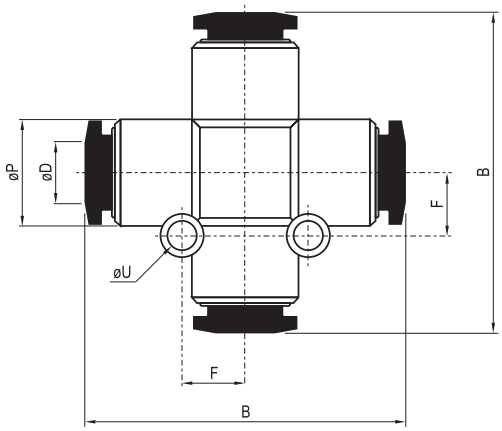
Raccordo a T orientabile maschio laterale cilindrico
Swivel T-fitting, cylindric thread on the lateral leg
Поворотный Т-образный фитинг с боковой цилиндрической резьбой и уплотнительным кольцом



tubo (øD) *tube* трубка	R	øP	B	E	øU	F	A	ch	confez. *package* упак.	codice *code* код
4	**M5**	11.5	22.5	19	3.2	7	3.5	10	10	**36.859.0**
4	**G1/8″**	11.5	25.5	19	3.2	7	5.5	14	10	**36.860.0**
4	**G1/4″**	11.5	28	19	3.2	7	7.5	17	10	**36.861.0**
6	**M5**	13.5	23.2	19.2	3.2	8	3.5	12	10	**36.862.0**
6	**G1/8″**	13.5	25.7	19.2	3.2	8	5.5	14	10	**36.863.0**
6	**G1/4″**	13.5	28.2	19.2	3.2	8	7.5	17	10	**36.864.0**
6	**G3/8″**	13.5	28.7	19.2	3.2	8	7.5	20	10	**36.865.0**
8	**G1/8″**	15	29	22.5	3.2	9	5.5	14	10	**36.866.0**
8	**G1/4″**	15	31.5	22.5	3.2	9	7.5	17	10	**36.867.0**
8	**G3/8″**	15	32	22.5	3.2	9	7.5	20	10	**36.868.0**
8	**G1/2″**	15	34.5	22.5	3.2	9	10	24	5	**36.869.0**
10	**G1/8″**	19	34.5	28.5	4.2	12	5.5	17	5	**36.870.0**
10	**G1/4″**	19	37	28.5	4.2	12	7.5	17	5	**36.871.0**
10	**G3/8″**	19	37	28.5	4.2	12	7.5	20	5	**36.872.0**
10	**G1/2″**	19	40.5	28.5	4.2	12	10	24	5	**36.873.0**
12	**G1/4″**	21.5	38.5	29.5	4.2	13.5	7.5	21	5	**36.874.0**
12	**G3/8″**	21.5	38.5	29.5	4.2	13.5	7.5	21	5	**36.875.0**
12	**G1/2″**	21.5	41.5	29.5	4.2	13.5	10	24	5	**36.876.0**
16	**G3/8″**	26.5	42.5	33	5.2	15	7.5	24	4	**36.878.0**
16	**G1/2″**	26.5	44	33	5.2	15	10	24	4	**36.879.0**

AZZA

Raccordo a croce intermedio
Cross connector
Крестообразный фитинг-соединитель



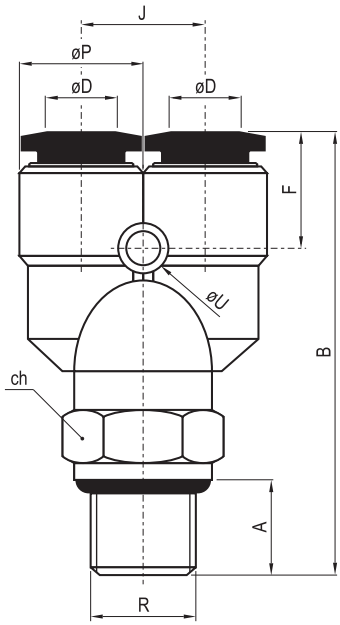
tubo (øD) *tube* трубка	øP	F	øU	B	confez. *package* упак.	codice *code* код
4	11.5	7	3.2	38	10	**36.991.0**
6	13.5	8	3.2	39	10	**36.992.0**
8	15	9.5	3.2	45	5	**36.993.0**
10	19	12	4.2	57	5	**36.994.0**
12	21.5	13	4.3	59	5	**36.995.0**

AZWT-G

Raccordo a Y orientabile maschio cilindrico

Swivel Y-fitting, cylindric thread on the central leg

Поворотный Y-образный фитинг с цилиндрической резьбой и уплотнительным кольцом



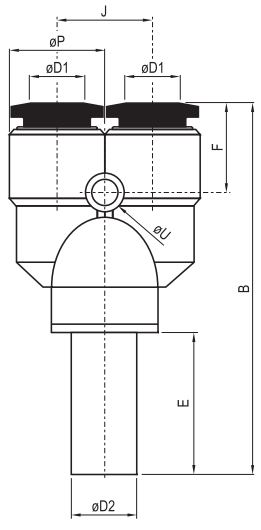
tubo (øD) *tube* трубка	R	øP	B	F	øU	J	A	ch	confez. *package* упак.	codice *code* код
4	**M5**	11.5	40	14.5	3.2	11	3.5	10	10	**36.880.0**
4	**G1/8″**	11.5	43	14.5	3.2	11	5.5	14	10	**36.881.0**
4	**G1/4″**	11.5	45.5	14.5	3.2	11	7.5	17	10	**36.882.0**
6	**M5**	13.5	41.5	15	3.2	13	3.5	12	10	**36.883.0**
6	**G1/8″**	13.5	44	15	3.2	13	5.5	14	10	**36.884.0**
6	**G1/4″**	13.5	46.5	15	3.2	13	7.5	17	10	**36.885.0**
6	**G3/8″**	13.5	47	15	3.2	13	7.5	20	10	**36.886.0**
8	**G1/8″**	15	46.3	18	3.2	15	5.5	14	10	**36.887.0**
8	**G1/4″**	15	48.8	18	3.2	15	7.5	17	10	**36.888.0**
8	**G3/8″**	15	49.3	18	3.2	15	7.5	20	10	**36.889.0**
8	**G1/2″**	15	51.8	18	3.2	15	10	24	5	**36.890.0**
10	**G1/8″**	19	56	21	4.2	18	5.5	17	5	**36.891.0**
10	**G1/4″**	19	58.5	21	4.2	18	7.5	17	5	**36.892.0**
10	**G3/8″**	19	58.5	21	4.2	18	7.5	20	5	**36.893.0**
10	**G1/2″**	19	62	21	4.2	18	10	24	5	**36.894.0**
12	**G1/4″**	21.5	62	21.5	4.2	21	7.5	20	5	**36.895.0**
12	**G3/8″**	21.5	62	21.5	4.2	21	7.5	20	5	**36.896.0**
12	**G1/2″**	21.5	65	21.5	4.2	21	10	24	5	**36.897.0**

AZWJ

Raccordo a Y con codolo riduzione

Y-connector with male adapter and reducer

Y-образный фитинг-редуктор со штуцером



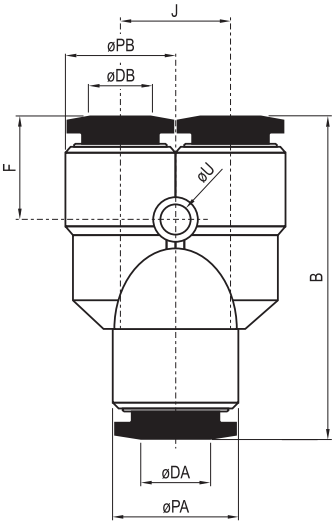
tubo (øD2) *tube* трубка	tubo (øD1) *tube* трубка	øP	F	J	øU	B	E	confez. *package* упак.	codice *code* код
6	**4**	11.5	14.5	11	3.2	52.8	19	10	**36.1025.0**
8	**6**	13.5	15	13	3.2	55.5	20.5	10	**36.1026.0**
10	**8**	15	18	15	3.2	62	24.7	5	**36.1027.0**
12	**10**	19	21	18	4.2	72.5	26	5	**36.1028.0**

AZW

Raccordo a Y intermedio con riduzione

Y-connector with reduction

Y-образный фитинг-соединитель с редукцией



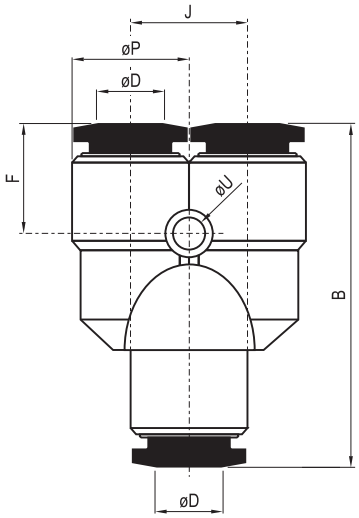
tubo (øDA) *tube* трубка	tubo (øDB) *tube* трубка	øPA	øPB	F	J	øU	B	confez. *package* упак.	codice *code* код
6	**4**	13.5	13.5	15	13	3.2	37.5	10	**36.987.0**
8	**6**	15	15	18	15	3.2	39.8	10	**36.988.0**
10	**8**	19	19	21	18	4.2	50	10	**36.989.0**
12	**10**	21.5	21.5	21.5	21	4.2	53	5	**36.990.0**

AZY

Raccordo a Y intermedio

Y-connector

Y-образный фитинг-соединитель



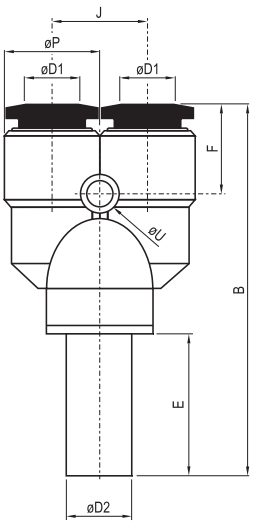
tubo (øD) *tube* трубка	øP	F	J	øU	B	confez. *package* упак.	codice *code* код
4	11.5	14.5	11	3.2	36.5	10	**36.982.0**
6	13.5	15	13	3.2	37.5	10	**36.983.0**
8	15	18	15	3.2	39.8	10	**36.984.0**
10	19	21	18	4.2	50	10	**36.985.0**
12	21.5	21.5	21	4.2	53	5	**36.986.0**

AZYJ

Raccordo a Y con codolo

Y-connector with male adapter

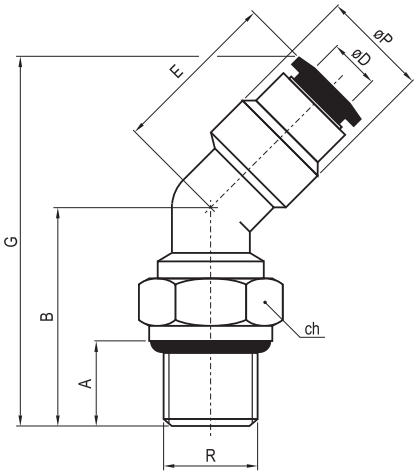
Y-образный фитинг со штуцером



tubo (øD1) *tube* трубка	tubo (øD2) *tube* трубка	øP	F	J	øU	B	E	confez. *package* упак.	codice *code* код
4	**4**	11.5	14.5	11	3.2	52.5	19	10	**36.1020.0**
6	**6**	13.5	15	13	3.2	53.8	19	10	**36.1021.0**
8	**8**	15	18	15	3.2	57.8	20.5	10	**36.1022.0**
10	**10**	19	21	18	4.2	71	24.5	5	**36.1023.0**
12	**12**	21.5	21.5	21	4.2	75.5	26	5	**36.1024.0**

AZL45-G

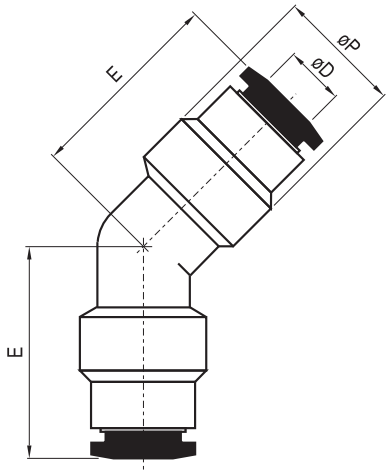
Raccordo a 45° orientabile maschio cilindrico
Swivel 45° fitting
Поворотный фитинг 45° с цилиндрической резьбой и уплотнительным кольцом



tubo (øD) *tube* трубка	R	øP	B	G	E	A	ch	confez. *package* упак.	codice *code* код
4	**G1/8″**	11.3	25.5	42.5	19	5.5	14	10	**36.1070.0**
4	**G1/4″**	11.3	28	45	19	7.5	17	10	**36.1071.0**
6	**G1/8″**	13.3	25.5	43.5	19.2	5.5	14	10	**36.1073.0**
6	**G1/4″**	13.3	28	46	19.2	7.5	17	10	**36.1074.0**
8	**G1/8″**	14.8	29	49.5	22.5	5.5	14	10	**36.1076.0**
8	**G1/4″**	14.8	31.5	52	22.5	7.5	17	10	**36.1077.0**
8	**G1/2″**	14.8	34.5	55	22.5	10	24	10	**36.1079.0**
10	**G1/8″**	18.7	33.5	60	27.8	5.5	17	10	**36.1080.0**
10	**G1/4″**	18.7	36	62.5	27.8	7.5	17	10	**36.1081.0**
10	**G1/2″**	18.7	39.5	66	27.8	10	24	5	**36.1083.0**
12	**G1/4″**	21.3	38.5	66.5	29.5	7.5	21	5	**36.1084.0**
12	**G1/2″**	21.3	41.5	69.5	29.5	10	24	5	**36.1086.0**

AZUL45

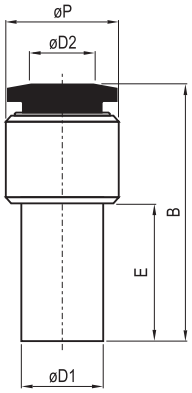
Raccordo intermedio a 45°
45° intermediate connector
Фитинг-соединитель 45°



tubo (øD) *tube* трубка	øP	E	confez. *package* упак.	codice *code* код
4	11	18.2	10	**36.1087.0**
6	13	18.7	10	**36.1088.0**
8	14.4	22	10	**36.1089.0**
10	18.4	26	10	**36.1090.0**
12	21	29.5	5	**36.1091.0**

AZGJ

Riduzione
Reducer
Редуктор



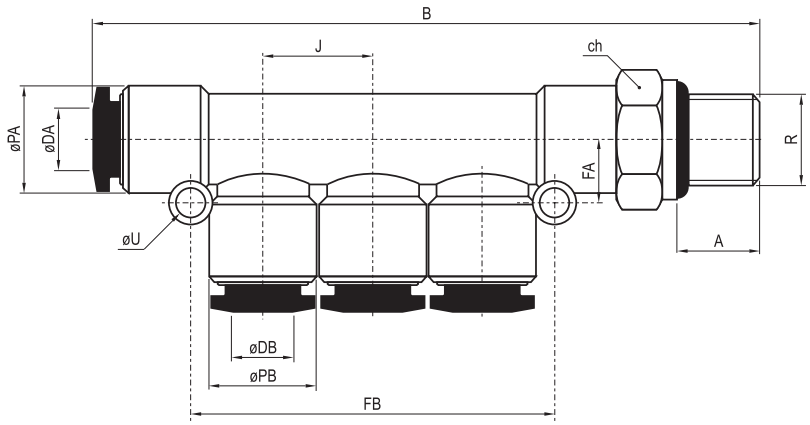
tubo (øD1) *tube* трубка	tubo (øD2) *tube* трубка	øP	B	E	confez. *package* упак.	codice *code* код
6	**4**	10	35	19	10	**36.1007.0**
8	**4**	10	34	21	10	**36.1008.0**
8	**6**	12	36	20.5	10	**36.1009.0**
10	**6**	12	41	24.2	10	**36.1010.0**
10	**8**	14	42	24.5	10	**36.1011.0**
12	**6**	13.5	38.5	25	10	**36.1012.0**
12	**8**	14	42.5	25	10	**36.1013.0**
12	**10**	17	46	25	10	**36.1014.0**

AZKD-G

Raccordo multi T orientabile maschio cilindrico

Swivel multi T-fitting with cylindric thread at one end

Поворотный разветвитель с цилиндрической резьбой и уплотнительным кольцом.



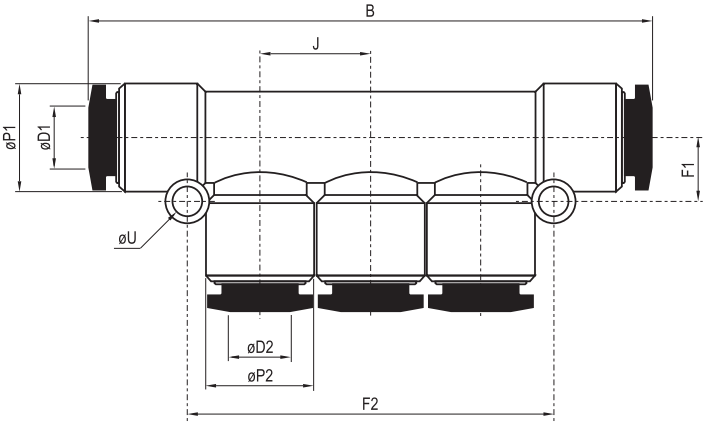
tubo (øDA) *tube* трубка	tubo (øDB) *tube* трубка	R	øPA	øPB	J	A	ch	FA	FB	øU	B	confez. *package* упак.	codice *code* код
6	**4**	**G1/8"**	14.4	13	13	5.5	14	9	41	3.2	65	5	**36.901.0**
8	**4**	**G1/4"**	18.4	14.4	14.5	7	17	11	48	4.2	87	5	**36.902.0**
8	**6**	**G1/4"**	18.4	14.4	14.5	7	17	11	48	4.2	87	5	**36.903.0**
10	**8**	**G3/8"**	18.4	14.4	14.5	7.5	20	11	48	4.2	89	5	**36.904.0**

AZKG

Raccordo multi T intermedio

Multi T-connector

Разветвитель-соединитель



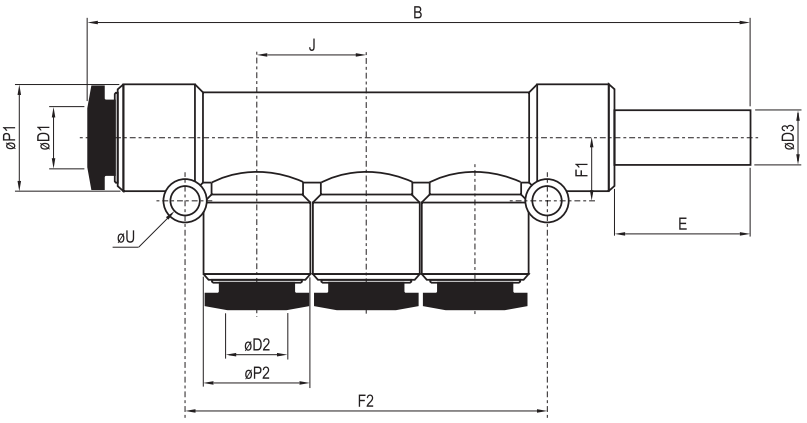
tubo (øD1) *tube* трубка	tubo (øD2) *tube* трубка	øP1	øP2	J	F1	F2	øU	B	confez. *package* упак.	codice *code* код
6	**4**	14.5	13	11	8	36	3.2	58	5	**36.996.0**
8	**4**	18.4	14.5	13	9	42	3.2	62	5	**36.997.0**
8	**6**	18.4	14.5	14.5	9	48	3.2	81	5	**36.998.0**
10	**6**	19	14.5	14.5	11.5	61	4.2	87	5	**36.999.0**
10	**8**	19	14.4	14.5	11.5	61	4.2	87	5	**36.1000.0**

AZKJ

Raccordo multi T con codolo

Multi T-connector with male adapter

Разветвитель-соединитель со штуцером



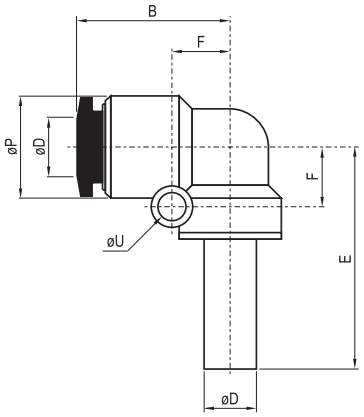
tubo (øD1) *tube* трубка	**tubo (øD2)** *tube* трубка	**øD3**	**øP1**	**øP2**	**J**	**F1**	**F2**	**øU**	**B**	**E**	confez. *package* упак.	codice *code* код
6	**4**	6	14.4	13	13	9	42	3.2	81	20	5	**36.1002.0**
8	**4**	8	18.4	14.4	14.5	11	48	4.2	104.5	22	5	**36.1003.0**
8	**6**	8	18.4	14.4	14.5	11	48	4.2	106	23.5	5	**36.1004.0**
10	**8**	10	18.4	14.4	14.5	11	48	4.2	109.5	26	5	**36.1006.0**

AZLJ

Raccordo a L con codolo

Elbow connector with male adapter

L-образный фитинг со штуцером



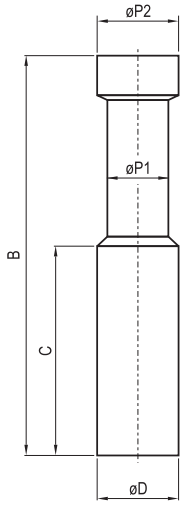
tubo (øD) *tube* трубка	**øP**	**F**	**øU**	**E**	**B**	confez. *package* упак.	codice *code* код
4	11.5	7	3.2	33.7	19	10	**36.1015.0**
6	13.5	8	3.2	34	19.2	10	**36.1016.0**
8	15	10	3.2	38.5	22.5	10	**36.1017.0**
10	19	12	4.2	46.8	27.8	10	**36.1018.0**
12	21.5	13.5	4.2	49.5	29.5	5	**36.1019.0**

AZP

Tappo maschio

Plug

Заглушка



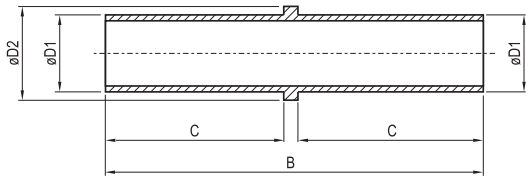
tubo (øD) *tube* трубка	øP1	øP2	C	B	confez. *package* упак.	codice *code* код
4	3	5	15	28	10	**36.1035.0**
6	3	7	17	33	10	**36.1036.0**
8	4	9	18	37	10	**36.1037.0**
10	5	11	20.5	42	10	**36.1038.0**
12	6	13	23	44	10	**36.1039.0**

AZIJ

Giunzione doppia

Double connector for push-in fittings

Трубка-соединитель к цанговым фитингам



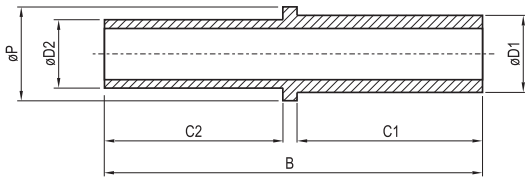
tubo (øD1) *tube* трубка	øD2	C	B	confez. *package* упак.	codice *code* код
6	7	19	39.5	10	**36.1030.0**
8	9	21.5	45	10	**36.1031.0**
10	11	23	48.5	10	**36.1032.0**
12	13.5	25	53	10	**36.1033.0**
16	18	28	59.5	10	**36.1034.0**

AZIG

Giunzione doppia con riduzione

Double connector with reducer for push-in fittings

Трубка-соединитель с редукцией к цанговым фитингам



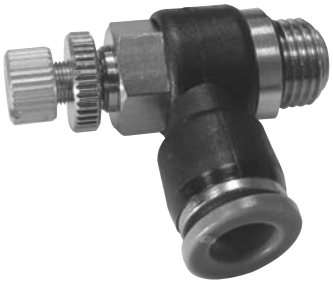
tubo (øD1) *tube* трубка	tubo (øD2) *tube* трубка	øP	C1	C2	B	confez. *package* упак.	codice *code* код
6	**4**	7	19	17	37.5	10	**36.1040.0**
8	**6**	9	21.5	19	42.5	10	**36.1042.0**
10	**8**	11	23	21.5	47	10	**36.1044.0**
12	**10**	13.5	25	23	51	10	**36.1046.0**
16	**12**	18	28	25	56.5	5	**36.1047.0**

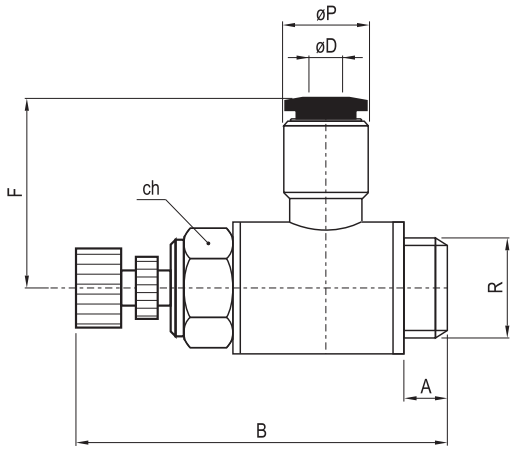
AZSC-GV

Raccordo a L con regolatore di flusso per valvola

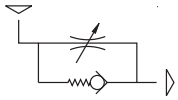
L-fitting with flow regulator for valve

L-образный дроссель с обратным клапаном для распределителей





tubo (øD) *tube* трубка	R	øP	B	A	F	ch	confez. *package* упак.	codice *code* код
4	**G1/8"**	11.5	42	5.5	23.5	12	10	**36.923.0**
6	**G1/8"**	13.5	42	5.5	23.5	12	10	**36.926.0**
6	**G1/4"**	13.5	48	7.5	25.4	14	10	**36.927.0**
8	**G1/8"**	15	42	5.5	26.5	12	10	**36.929.0**
8	**G1/4"**	15	48	7.5	28.9	14	10	**36.930.0**
8	**G3/8"**	15	53	7.5	29.8	19	5	**36.931.0**
8	**G1/2"**	15	61	10	32.5	24	5	**36.932.0**
10	**G1/4"**	19	48	7.5	32.6	14	5	**36.933.0**
10	**G3/8"**	19	53	7.5	33	19	5	**36.934.0**
10	**G1/2"**	19	61	10	36	24	5	**36.935.0**
12	**G1/4"**	21.5	48	7.5	33.5	14	5	**36.936.0**
12	**G3/8"**	21.5	53	7.5	35.5	19	5	**36.937.0**
12	**G1/2"**	21.5	61	10	36.5	24	5	**36.938.0**

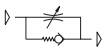


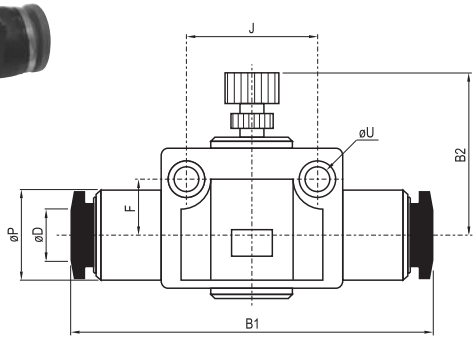
NSF

Regolatore di flusso unidirezionale

Uni-directional flow regulator

Дроссель





tubo (øD) *tube* трубка	øP	J	F	øU	B1	B2	confez. *package* упак.	codice *code* код
4	10.5	14	6.5	3.2	40.5	22.5	10	**36.939.0**
6	12.5	20	8.5	4.3	48.7	34	10	**36.940.0**
8	14	22	9.5	4.3	54.4	34.5	5	**36.941.0**
10	18	26	10.5	4.3	64.3	40	5	**36.942.0**
12	20.6	32	13	4.3	74.6	40.5	5	**36.943.0**

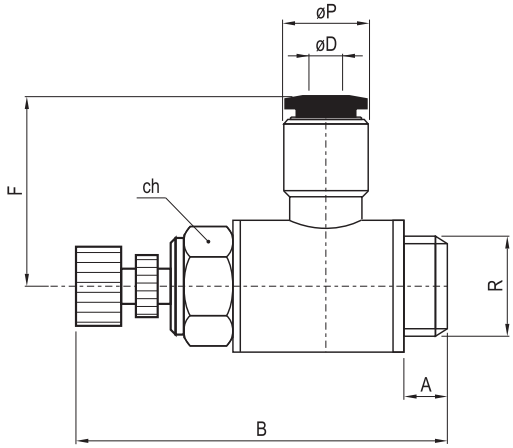
AZSC-G

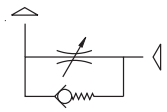
Raccordo a L con regolatore di flusso per cilindro

L-fitting with flow regulator for cylinder

L-образный дроссель с обратным клапаном для цилиндров

tubo (øD) *tube* трубка	**R**	**øP**	**B**	**A**	**F**	**ch**	confez. *package* упак.	codice *code* код
4	**M5**	11	29	3.5	20	8	10	**36.905.0**
4	**G1/8"**	11.5	42	5.5	23.5	12	10	**36.906.0**
6	**M5**	13	29	3.5	20	8	10	**36.908.0**
6	**G1/8"**	13.5	42	5.5	23.5	12	10	**36.909.0**
6	**G1/4"**	13.5	48	7.5	25.4	14	10	**36.910.0**
8	**G1/8"**	15	42	5.5	26.5	12	10	**36.912.0**
8	**G1/4"**	15	48	7.5	28.9	14	10	**36.913.0**
8	**G3/8"**	15	53	7.5	29.8	19	5	**36.914.0**
8	**G1/2"**	15	61	10	32.5	24	5	**36.915.0**
10	**G1/4"**	19	48	7.5	32.6	14	5	**36.916.0**
10	**G3/8"**	19	53	7.5	33	19	5	**36.917.0**
10	**G1/2"**	19	61	10	36	24	5	**36.918.0**
12	**G1/4"**	21.5	48	7.5	33.5	14	5	**36.919.0**
12	**G3/8"**	21.5	53	7.5	35.5	19	5	**36.920.0**
12	**G1/2"**	21.5	61	10	36.5	24	5	**36.921.0**



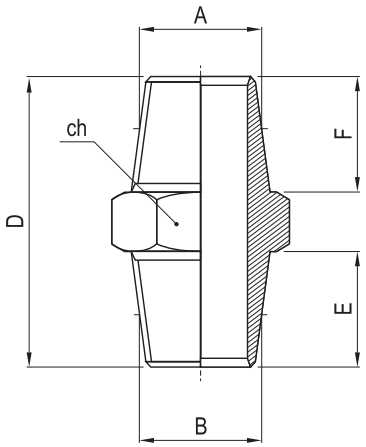


RC020

Nipplo conico maschio-maschio

Conic nipple male-male

Переходник с двумя наружными коническими резьбами



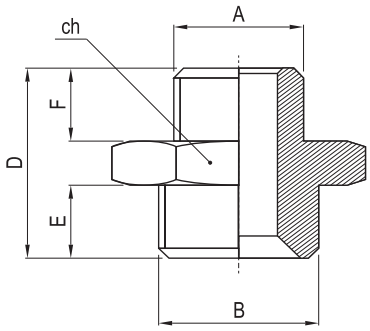
A	B	D	E	F	ch	confez. *package* упак.	codice *code* код
R1/8″	R1/8″	20.5	8	8	12	50	**36.259.0**
R1/8″	R1/4″	24	11	8	14	50	**36.260.0**
R1/8″	R3/8″	24.5	11.5	8	17	50	**36.261.0**
R1/4″	R1/4″	27	11	11	14	50	**36.263.0**
R1/4″	R3/8″	27.5	11.5	11	17	50	**36.264.0**
R1/4″	R1/2″	30.5	14	11	22	50	**36.265.0**
R3/8″	R3/8″	28	11.5	11.5	17	50	**36.266.0**
R3/8″	R1/2″	31	14	11.5	22	50	**36.267.0**
R1/2″	R1/2″	33.5	14	14	22	50	**36.268.0**
R1/2″	R3/4″	37	16.5	14	27	25	**36.269.0**
R3/4″	R3/4″	39.5	16.5	16.5	27	20	**36.270.0**
R1″	R1″	45.5	19	19	34	20	**36.373.0**

RC030

Nipplo cilindrico maschio-maschio

Cylindric nipple male-male

Переходник с двумя наружными цилиндрическими резьбами



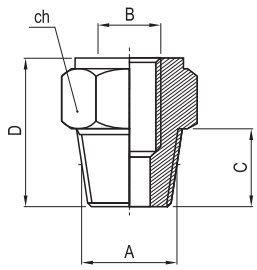
A	B	D	E	F	ch	confez. *package* упак.	codice *code* код
M5	M5	11.5	4	4	8	50	**36.248.0**
M5	G1/8″	14.5	6	4	14	50	**36.249.0**
G1/8″	G1/8″	16.5	6	6	14	50	**36.250.0**
G1/8″	G1/4″	19	8	6	17	50	**36.251.0**
G1/8″	G3/8″	20	9	6	19	50	**36.252.0**
G1/4″	G1/4″	21	8	8	17	50	**36.253.0**
G1/4″	G3/8″	22	9	8	19	50	**36.254.0**
G1/4″	G1/2″	23.5	10	8	24	50	**36.255.0**
G3/8″	G3/8″	23	9	9	19	50	**36.256.0**
G3/8″	G1/2″	24.5	10	9	24	50	**36.257.0**
G1/2″	G1/2″	25.5	10	10	24	25	**36.258.0**

RC040

Maggiorazione maschio-femmina conica

Conic male-female increaser

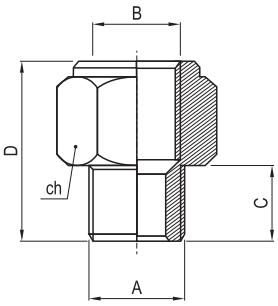
Расширитель с конической резьбой



A	B	C	D		ch	confez. *package* упак.	codice *code* код
R1/8″	G1/8″	8	18		14	50	**36.296.0**
R1/8″	G1/4″	8	21.5		17	50	**36.297.0**
R1/8″	G3/8″	8	22.5		22	50	**36.298.0**
R1/4″	G1/4″	11	24.5		17	50	**36.299.0**
R1/4″	G3/8″	11	25.5		22	50	**36.300.0**
R1/4″	G1/2″	11	29		24	50	**36.301.0**
R3/8″	G3/8″	11.5	26		22	50	**36.302.0**
R3/8″	G1/2″	11.5	29.5		24	50	**36.303.0**
R1/2″	G1/2″	14	32		26	25	**36.304.0**

RC050

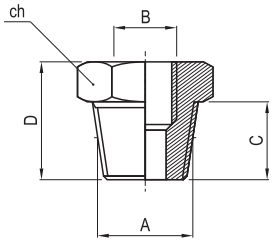
Maggiorazione maschio-femmina cilindrica
Cylindric male-female increaser
Расширитель с цилиндрической резьбой



A	B	C	D		ch	confez. *package* упак.	codice *code* код
M5	**G1/8″**	4	14.5		14	50	**36.306.0**
G1/8″	**G1/8″**	6	16		14	50	**36.307.0**
G1/8″	**G1/4″**	6	19.5		17	50	**36.308.0**
G1/8″	**G3/8″**	6	20.5		22	50	**36.309.0**
G1/4″	**G1/4″**	8	21.5		17	50	**36.310.0**
G1/4″	**G3/8″**	8	22.5		22	50	**36.311.0**
G1/4″	**G1/2″**	8	26		24	50	**36.312.0**
G3/8″	**G3/8″**	9	23.5		22	50	**36.313.0**
G3/8″	**G1/2″**	9	27		24	50	**36.314.0**
G1/2″	**G1/2″**	10	28		26	25	**36.315.0**

RC080

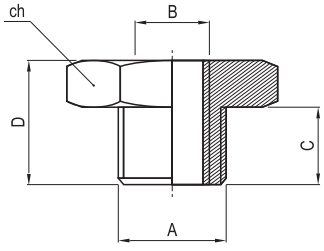
Riduzione maschio-femmina conica
Conic male-female reducer
Редукция с конической резьбой



A	B	C	D		ch	confez. *package* упак.	codice *code* код
R1/4″	**G1/8″**	11	16		14	50	**36.279.0**
R3/8″	**G1/8″**	11.5	16.5		17	50	**36.280.0**
R1/2″	**G1/8″**	14	19.5		22	25	**36.281.0**
R3/8″	**G1/4″**	11.5	16.5		17	50	**36.282.0**
R1/2″	**G1/4″**	14	19.5		22	50	**36.283.0**
R1/2″	**G3/8″**	14	19.5		22	50	**36.284.0**
R3/4″	**G1/2″**	16.5	23		27	20	**36.285.0**
R1″	**G1/2″**	19	27		34	20	**36.379.0**

RC090

Riduzione maschio-femmina cilindrica
Cylindric male-female reducer
Редукция с цилидрической резьбой



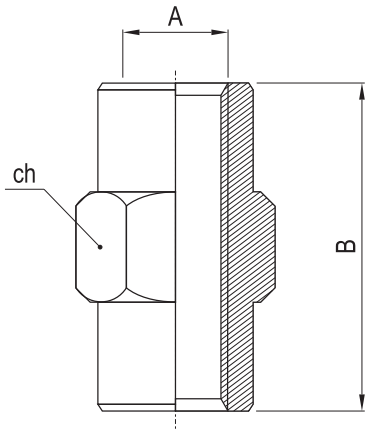
A	B	C	D		ch	confez. *package* упак.	codice *code* код
G1/8″	**M5**	6	10.5		14	50	**36.288.0**
G1/4″	**G1/8″**	8	13		17	50	**36.289.0**
G3/8″	**G1/8″**	9	14		19	50	**36.290.0**
G3/8″	**G1/4″**	9	14		19	50	**36.291.0**
G1/2″	**G1/8″**	10	15.5		24	25	**36.660.0**
G1/2″	**G1/4″**	10	15.5		24	50	**36.292.0**
G1/2″	**G3/8″**	10	15.5		24	50	**36.293.0**
G1″	**G1/2″**	11.5	18.5		36	50	**36.374.0**

RC100

Manicotto femmina-femmina

Sleeve female-female

Муфта с внутренними цилиндрическими резьбами



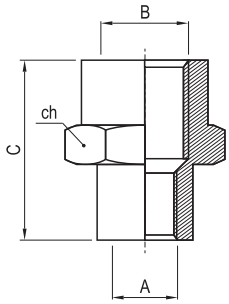
A	B			ch	confez. *package* упак.	codice *code* код
M5	11			8	50	**36.273.0**
G1/8″	15			14	50	**36.274.0**
G1/4″	22			17	50	**36.275.0**
G3/8″	23			22	50	**36.276.0**
G1/2″	28			26	25	**36.277.0**

RC110

Manicotto riduzione femmina-femmina

Reducing sleeve female-female

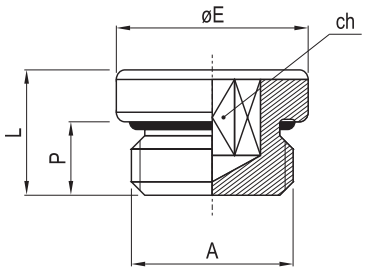
Редукционная муфта с внутренними цилиндрическими резьбами



A	B	C		ch	confez. *package* упак.	codice *code* код
M5	**G1/8″**	13.5		14	50	**36.316.0**
G1/8″	**G1/4″**	19		17	50	**36.317.0**
G1/8″	**G3/8″**	20		22	50	**36.318.0**
G1/8″	**G1/2″**	24		24	50	**36.319.0**
G1/4″	**G3/8″**	22.5		22	50	**36.320.0**
G1/4″	**G1/2″**	26		24	50	**36.321.0**
G3/8″	**G1/2″**	26		24	50	**36.322.0**

RC320

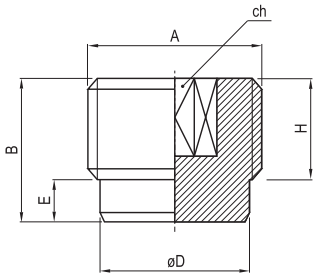
Tappo maschio cilindrico con O-Ring
Cylindric male plug with O-Ring
Заглушка с цилиндрической резьбой и уплотнительным кольцом



A	P	L	øE		ch	confez. *package* упак.	codice *code* код
M5	4.5	7.2	8		2.5	50	**36.643.0**
G1/8″	6.5	9.5	14		5	50	**36.325.0**
G1/4″	8	11.5	17		6	50	**36.326.0**
G3/8″	9	12.5	20		8	50	**36.327.0**
G1/2″	10	14	26		10	25	**36.328.0**

RC321

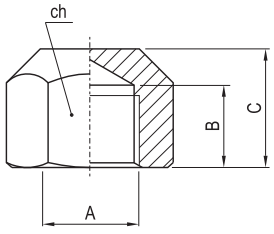
Tappo maschio cilindrico a scomparsa
Cylindric male plug
Заглушка с цилиндрической резьбой



A	B	øD	E	H	ch	confez. *package* упак.	codice *code* код
G1/8″	8	7.5	2	6	5	100	**36.644.0**
G1/4″	10	10	3.5	8.5	6	100	**36.645.0**

RC330

Tappo femmina
Female plug
Заглушка с внутренней цилиндрической резьбой



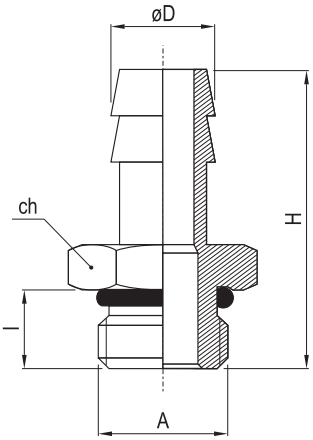
A	B	C		ch	confez. *package* упак.	codice *code* код
G1/8″	8	10		14	50	**36.331.0**
G1/4″	11	13.5		17	50	**36.332.0**
G3/8″	11.5	14		20	50	**36.333.0**
G1/2″	14	16.5		24	25	**36.334.0**

RC340

Portagomma maschio cilindrico con O-Ring

Male hose adapter with O-Ring

Штуцер для трубки с наружной цилиндрической резьбой и уплотнительным кольцом



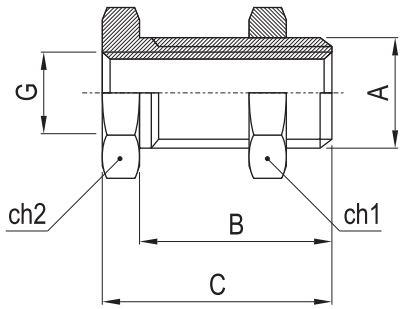
øD	A	l	H		ch	confez. *package* упак.	codice *code* код
7	**G1/8″**	6.5	30		14	50	**36.393.0**
7	**G1/4″**	8	32		17	50	**36.394.0**
8	**G1/8″**	6.5	30		14	50	**36.395.0**
9	**G1/8″**	6.5	30		14	50	**36.396.0**
9	**G1/4″**	8	32		17	50	**36.397.0**
9	**G3/8″**	9	33		20	50	**36.398.0**
12	**G1/4″**	8	33		17	50	**36.400.0**
12	**G3/8″**	9	34		20	50	**36.401.0**
12	**G1/2″**	10	35.5		25	50	**36.402.0**
17	**G3/8″**	9	38		20	50	**36.659.0**
17	**G1/2″**	10	39.5		25	50	**36.403.0**

RC360

Passaparete femmina

Female bulkhead for panel mounting

Соединитель с монтажной гайкой



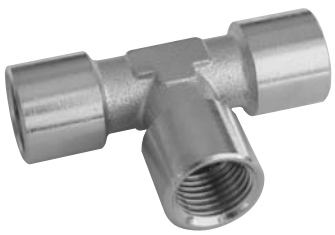
G	A	B	C	ch1	ch2	confez. *package* упак.	codice *code* код
G1/8″	M16x1.5	14	18	22	19	50	**36.639.0**
G1/4″	M20x1.5	21	25	27	24	50	**36.640.0**
G3/8″	M26x1.5	21	26	32	30	25	**36.641.0**
G1/2″	M28x1.5	27	33	36	32	20	**36.642.0**

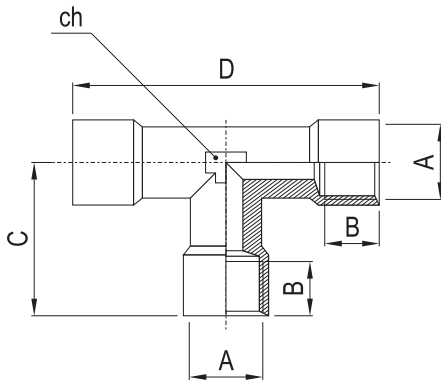
RC400

Raccordo a T femmina

Female T-fitting

Т-образный соединитель с внутренними цилиндрическими резьбами





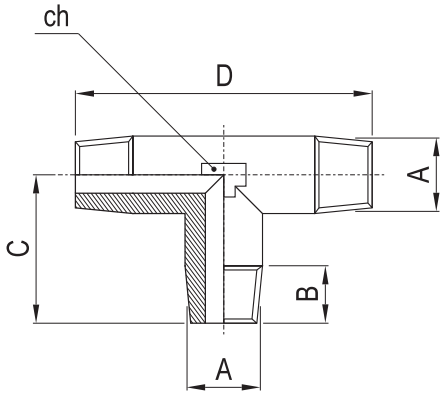
A	B	C	D	ch	confez. *package* упак.	codice *code* код
G1/8″	8	21	42	10	50	**36.347.0**
G1/4″	11	25.5	51	13	50	**36.348.0**
G3/8″	11.5	28	56	17	50	**36.349.0**
G1/2″	14	33.5	67	21	25	**36.350.0**

RC410

Raccordo a T maschio conico

Male T-fitting (conic thread)

Т-образный соединитель с наружными коническими резьбами



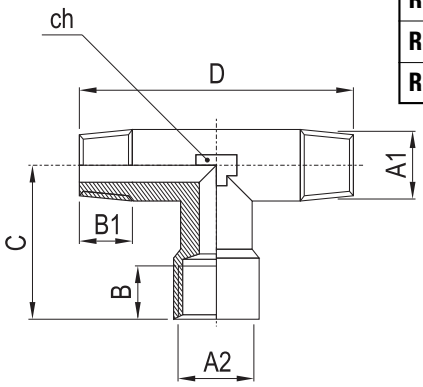
A	B	C	D	ch	confez. *package* упак.	codice *code* код
R1/8″	8	18.5	37	10	50	**36.375.0**
R1/4″	11	23.5	47	13	50	**36.376.0**
R3/8″	11.5	26	52	17	50	**36.377.0**
R1/2″	14	31	62	21	25	**36.378.0**

RC420

Raccordo a T con filetto femmina cilindrico centrale

T-fitting with female cylindric thread in central position

Т-образный соединитель с внутренней цилиндрической резьбой в центральном положении



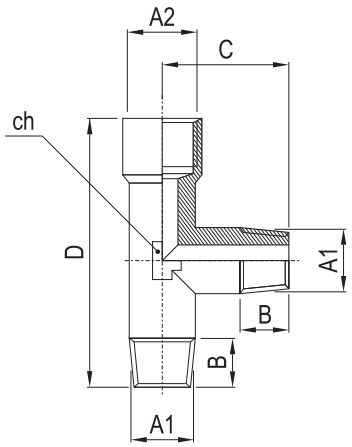
A1	A2	B	B1	C	D	ch	confez. *package* упак.	codice *code* код
R1/8″	**G1/8″**	8	8	21	37	10	50	**36.381.0**
R1/4″	**G1/4″**	11	11	25.5	47	13	50	**36.382.0**
R3/8″	**G3/8″**	11.5	11.5	28	52	17	50	**36.383.0**
R1/2″	**G1/2″**	15	14	33.5	62	21	25	**36.384.0**

RC430

Raccordo a T con filetto femmina cilindrico laterale

T-fitting with female cylindric thread in lateral position

Т-образный соединитель с внутренней цилиндрической резьбой в боковом положении



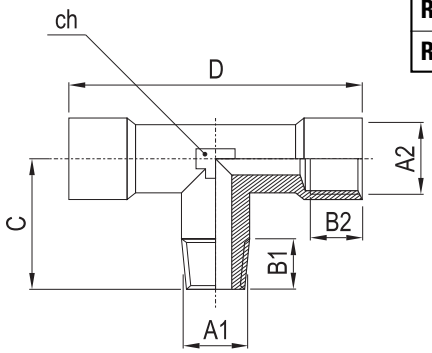
A1	A2	B	C	D	ch	confez. *package* упак.	codice *code* код
R1/8″	**G1/8″**	8	18.5	39.5	10	50	**36.387.0**
R1/4″	**G1/4″**	11	23.5	49	13	50	**36.388.0**
R3/8″	**G3/8″**	11.5	26	54	17	50	**36.389.0**
R1/2″	**G1/2″**	14	31	64.5	21	25	**36.390.0**

RC440

Raccordo a T con filetto maschio conico centrale

T-fitting with male conic thread in central position

Т-образный соединитель с наружной конической резьбой в центральном положении



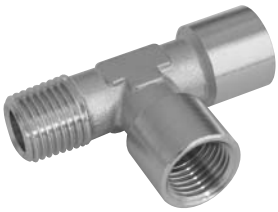
A1	A2	B1	B2	C	D	ch	confez. *package* упак.	codice *code* код
R1/8″	**G1/8″**	8	8	18.5	42	10	50	**36.353.0**
R1/4″	**G1/4″**	11	11	23.5	51	13	50	**36.354.0**
R3/8″	**G3/8″**	11.5	11.5	26	56	17	50	**36.355.0**
R1/2″	**G1/2″**	14	14	31	67	21	25	**36.356.0**

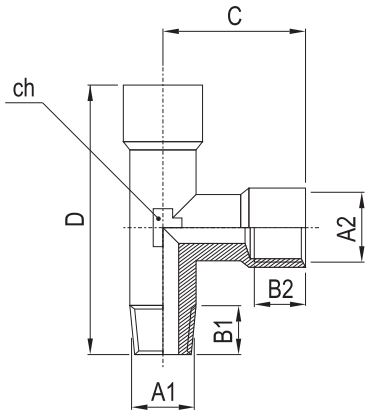
RC450

Raccordo a T con filetto maschio conico laterale

T-fitting with male conic thread in lateral position

Т-образный соединитель с наружной конической резьбой в боковом положении





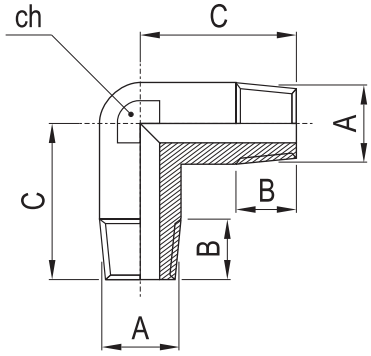
A1	A2	B1	B2	C	D	ch	confez. *package* упак.	codice *code* код
R1/8″	**G1/8″**	8	8	21	39.5	10	50	**36.359.0**
R1/4″	**G1/4″**	11	11	25.5	49	13	50	**36.360.0**
R3/8″	**G3/8″**	11.5	11.5	28	54	17	50	**36.361.0**
R1/2″	**G1/2″**	14	14	33.5	64.5	21	25	**36.362.0**

RC500

Raccordo a gomito maschio conico

Male elbow (conic thread)

Угловой соединитель с наружными коническими резьбами



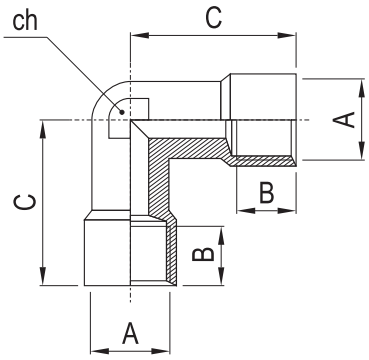
A	B	C	ch		confez. *package* упак.	codice *code* код
R1/8″	8	18.5	10		50	**36.369.0**
R1/4″	11	23.5	13		50	**36.370.0**
R3/8″	11.5	26	17		50	**36.371.0**
R1/2″	14	31	21		25	**36.372.0**

RC510

Raccordo a gomito femmina

Female elbow

Угловой соединитель с внутренними цилиндрическими резьбами



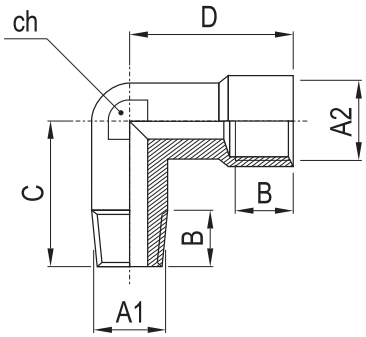
A	B	C	ch		confez. *package* упак.	codice *code* код
G1/8″	8	21	10		50	**36.335.0**
G1/4″	11	25.5	13		50	**36.336.0**
G3/8″	11.5	28	17		50	**36.337.0**
G1/2″	14	33.5	21		25	**36.338.0**

RC520

Raccordo a gomito maschio (conico) - femmina (cilindrico)

Male (conic thread) - female (cylindric thread) elbow

Угловой соединитель с внутренней цилиндрической и наружной конической резьбой



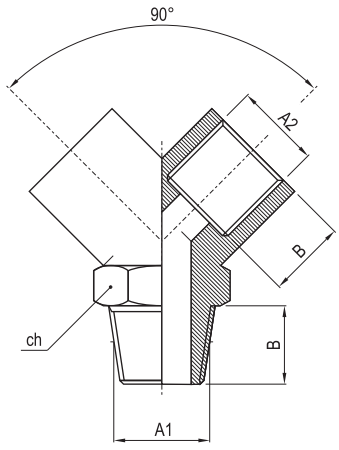
A1	A2	B	C	D	ch	confez. *package* упак.	codice *code* код
R1/8″	**G1/8″**	8	18.5	21	10	50	**36.341.0**
R1/4″	**G1/4″**	11	23.5	25.5	13	50	**36.342.0**
R3/8″	**G3/8″**	11.5	26	28	17	50	**36.343.0**
R1/2″	**G1/2″**	14	31	33.5	21	25	**36.344.0**

RC600

Raccordo a Y maschio conico

Conic male Y-fitting

Y-образный соединитель с наружной конической резьбой



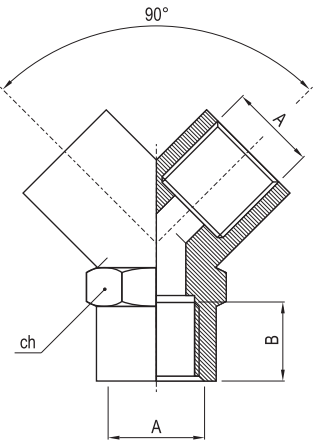
A1	A2	B		ch	confez. *package* упак.	codice *code* код
R1/8″	**G1/8″**	8		13	25	**36.417.0**
R1/4″	**G1/4″**	11		17	25	**36.418.0**
R3/8″	**G3/8″**	11.5		20	20	**36.419.0**
R1/2″	**G1/2″**	14		25	10	**36.420.0**

RC610

Raccordo a Y femmina

Female Y-fitting

Y-образный соединитель с внутренней цилиндрической резьбой



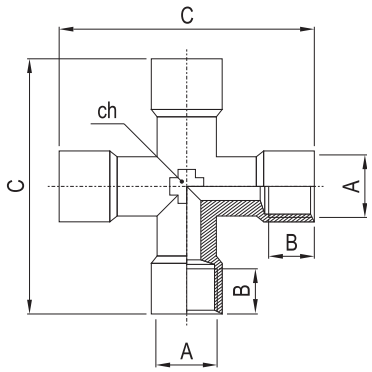
A	B		ch	confez. *package* упак.	codice *code* код
G1/8″	8		13	25	**36.421.0**
G1/4″	11		17	25	**36.422.0**
G3/8″	11.5		20	20	**36.423.0**
G1/2″	14		25	10	**36.424.0**

RC620

Raccordo a croce femmina

Female cross

Крестообразный соединитель с внутренними цилиндрическими резьбами



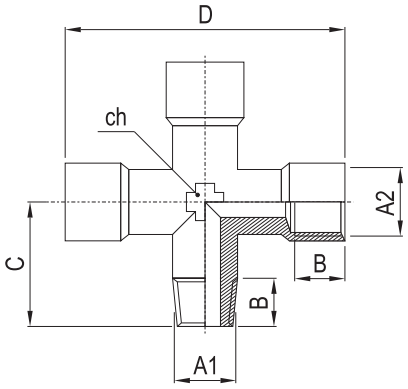
A	B	C		ch	confez. *package* упак.	codice *code* код
G1/8″	8	42		10	25	**36.365.0**
G1/4″	11	51		13	25	**36.366.0**
G3/8″	11.5	56		17	25	**36.367.0**
G1/2″	14	67		21	20	**36.368.0**

RC625

Raccordo a croce 1 maschio conico + 3 femmine

Cross with 1 conic male + 3 females

Крестообразный соединитель с 1 наружной конической и 3 внутренними цилиндрическими резьбами



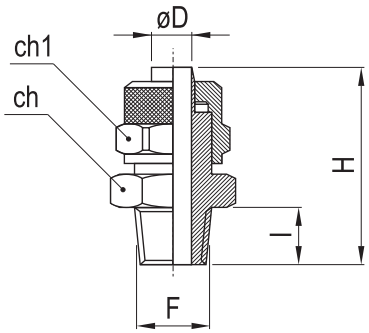
A1	A2	B	C	D	ch	confez. *package* упак.	codice *code* код
R1/8″	**G1/8″**	8	18.5	42	10	25	**36.405.0**
R1/4″	**G1/4″**	11	23.5	51	13	25	**36.406.0**
R3/8″	**G3/8″**	11.5	26	56	17	25	**36.407.0**
R1/2″	**G1/2″**	14	31	67	21	20	**36.408.0**

RZ100

Raccordo diritto maschio conico

Straight male fitting, with conic thread

Фитинг прямой с конической резьбой



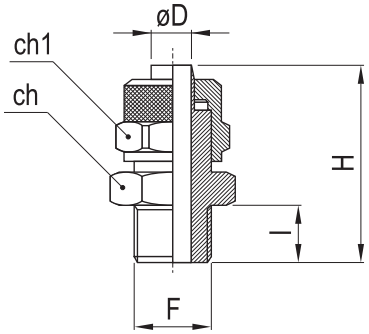
tubo (øD) *tube* трубка	F	I	H	ch1	ch	confez. *package* упак.	codice *code* код
4/2.7	**R1/8″**	8	23.8	8	12	50	**36.429.0**
5/3	**R1/8″**	8	25	8	12	50	**36.430.0**
6/4	**R1/8″**	8	27.5	12	12	50	**36.431.0**
6/4	**R1/4″**	11	31	12	14	50	**36.432.0**
6/4	**R3/8″**	11.5	31.5	12	17	50	**36.433.0**
8/6	**R1/8″**	8	27.5	14	12	50	**36.434.0**
8/6	**R1/4″**	11	31	14	14	50	**36.435.0**
8/6	**R3/8″**	11.5	31.5	14	17	50	**36.436.0**
8/6	**R1/2″**	14	34.5	14	22	50	**36.437.0**
10/8	**R1/8″**	8	29.5	16	14	50	**36.438.0**
10/8	**R1/4″**	11	32.5	16	14	50	**36.439.0**
10/8	**R3/8″**	11.5	33	16	17	25	**36.440.0**
10/8	**R1/2″**	14	36	16	22	25	**36.441.0**
12/10	**R3/8″**	11.5	34.5	18	17	20	**36.442.0**
12/10	**R1/2″**	14	37.5	18	22	20	**36.443.0**
15/12.5	**R1/2″**	14	39.5	22	22	10	**36.444.0**

RZ120

Raccordo diritto maschio cilindrico

Straight male fitting, with cylindric thread

Фитинг прямой с цилиндрической резьбой



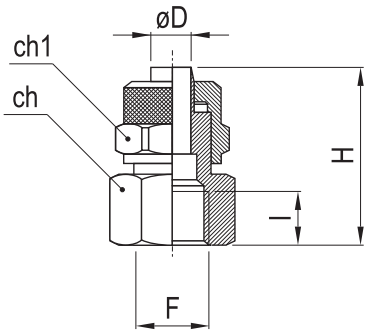
tubo (øD) *tube* трубка	F	I	H	ch1	ch	confez. *package* упак.	codice *code* код
5/3	**G1/8″**	6	23	8	14	50	**36.446.0**
6/4	**G1/8″**	6	25.5	12	14	50	**36.447.0**
6/4	**G1/4″**	8	28	12	17	50	**36.448.0**
6/4	**G3/8″**	9	29	12	19	50	**36.449.0**
8/6	**G1/8″**	6	25.5	14	14	50	**36.450.0**
8/6	**G1/4″**	8	28	14	17	50	**36.451.0**
8/6	**G3/8″**	9	29	14	19	50	**36.452.0**
10/8	**G1/4″**	8	29.5	16	17	50	**36.455.0**
10/8	**G3/8″**	9	30.5	16	19	25	**36.456.0**
12/10	**G3/8″**	9	32	18	19	20	**36.458.0**
12/10	**G1/2″**	10	33.5	18	24	20	**36.459.0**
15/12.5	**G1/2″**	10	35.5	22	24	10	**36.460.0**

RZ130

Raccordo diritto femmina

Straight female fitting

Фитинг прямой с внутренней цилиндрической резьбой



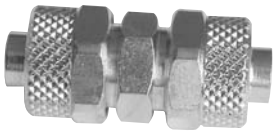
tubo (øD) *tube* трубка	F	I	H	ch1	ch	confez. *package* упак.	codice *code* код
6/4	**G1/8"**	8	25	12	14	50	**36.473.0**
6/4	**G1/4"**	11	29	12	17	50	**36.474.0**
6/4	**G3/8"**	11.5	29.5	12	20	50	**36.475.0**
8/6	**G1/8"**	8	25	14	14	50	**36.476.0**
8/6	**G1/4"**	11	29	14	17	50	**36.477.0**
8/6	**G3/8"**	11.5	29.5	14	20	50	**36.478.0**
10/8	**G1/4"**	11	30.5	16	17	50	**36.480.0**
10/8	**G3/8"**	11.5	31	16	20	25	**36.481.0**
12/10	**G3/8"**	11.5	32.5	18	20	20	**36.483.0**

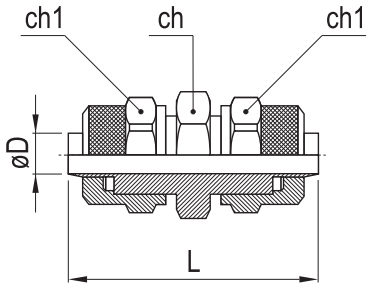
RZ140

Raccordo diritto intermedio

Intermediate straight connector

Фитинг-соединитель прямой





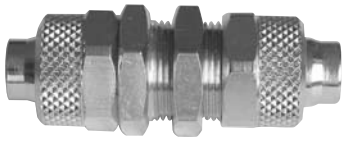
tubo (øD) *tube* трубка	L	ch1	ch	confez. *package* упак.	codice *code* код
5/3	28.5	8	8	50	**36.485.0**
6/4	34.5	12	12	50	**36.486.0**
8/6	35	14	14	50	**36.487.0**
10/8	38	16	16	25	**36.488.0**
12/10	41	18	17	25	**36.489.0**
15/12.5	45.5	22	22	10	**36.490.0**

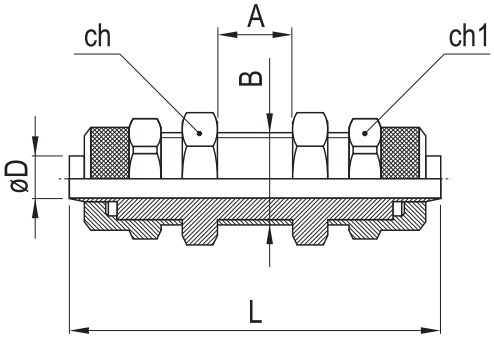
RZ150

Raccordo diritto intermedio passaparete

Intermediate straight connector for panel mounting

Фитинг-соединитель прямой с монтажной резьбой на корпусе и гайками





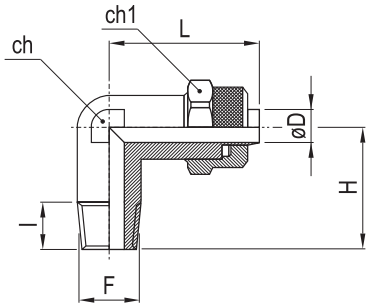
tubo (øD) *tube* трубка	A max	B	L	ch1	ch	confez. *package* упак.	codice *code* код
6/4	10.5	M10x1	48	12	14	50	**36.493.0**
8/6	10.5	M12x1	48	14	16	50	**36.494.0**
10/8	8.5	M14x1	50	16	17	25	**36.495.0**
12/10	8.5	M16x1	53	18	19	20	**36.496.0**
15/12.5	8.5	M20x1	58	22	24	10	**36.497.0**

RZ210

Raccordo a L maschio conico

L-fitting with conic thread

L-образный фитинг с наружной конической резьбой



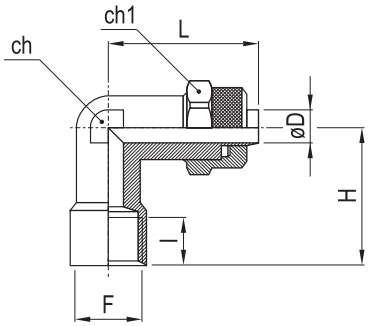
tubo (øD) *tube* трубка	F	I	H	L	ch1	ch	confez. *package* упак.	codice *code* код
5/3	**R1/8″**	8	17	21.5	8	8	50	**36.498.0**
6/4	**R1/8″**	8	17	22.5	12	8	50	**36.499.0**
6/4	**R1/4″**	11	20	22.5	12	10	50	**36.500.0**
6/4	**R3/8″**	11.5	22.5	23.5	12	11	50	**36.501.0**
8/6	**R1/8″**	8	17	22.5	14	10	50	**36.502.0**
8/6	**R1/4″**	11	20	22.5	14	10	50	**36.503.0**
8/6	**R3/8″**	11.5	22.5	24	14	11	50	**36.504.0**
10/8	**R1/8″**	8	18.5	25.5	16	11	50	**36.506.0**
10/8	**R1/4″**	11	21.5	25.5	16	11	50	**36.507.0**
10/8	**R3/8″**	11.5	22.5	25.5	16	11	25	**36.508.0**
10/8	**R1/2″**	14	28	28	16	17	25	**36.509.0**
12/10	**R3/8″**	11.5	24.5	30	18	14	20	**36.510.0**
12/10	**R1/2″**	14	28	30.5	18	17	20	**36.511.0**
15/12.5	**R1/2″**	14	28	34	22	17	10	**36.512.0**

RZ220

Raccordo a L femmina cilindrico

L-fitting with female cylindric thread

L-образный фитинг с внутренней цилиндрической резьбой



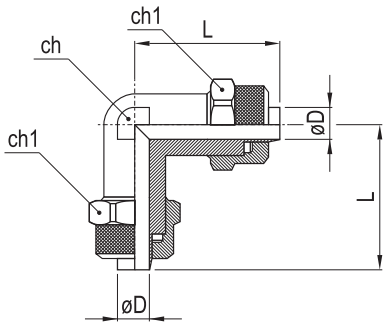
tubo (øD) *tube* трубка	F	I	H	L	ch1	ch	confez. *package* упак.	codice *code* код
6/4	**G1/8″**	8	19	22.5	12	10	50	**36.524.0**
6/4	**G1/4″**	10.5	23	25	12	11	50	**36.525.0**
8/6	**G1/8″**	8	19	22.5	14	10	50	**36.526.0**
8/6	**G1/4″**	10.5	23	25	14	11	50	**36.527.0**
10/8	**G1/4″**	11	23.5	26	16	13	25	**36.528.0**

RZ230

Raccordo a L intermedio

Intermediate elbow connector

L-образный фитинг-соединитель



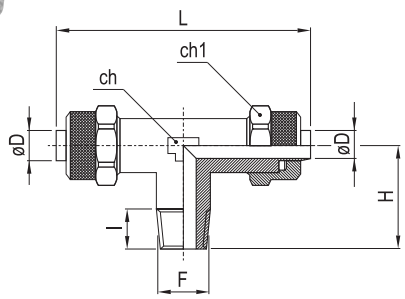
tubo (øD) *tube* трубка	L		ch1	ch	confez. *package* упак.	codice *code* код
6/4	21.5		12	8	50	**36.531.0**
8/6	22.5		14	10	50	**36.532.0**
10/8	25.5		16	11	25	**36.533.0**
12/10	30		18	14	20	**36.534.0**
15/12.5	34		22	17	10	**36.535.0**

RZ300

Raccordo a T maschio conico

T-fitting with conic thread

Т-образный фитинг с наружной конической резьбой



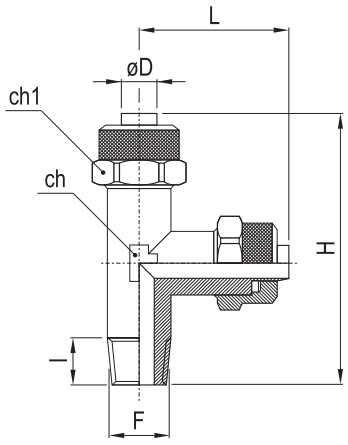
tubo (øD) *tube* трубка	F	I	H	L	ch1	ch	confez. *package* упак.	codice *code* код
6/4	**R1/8"**	8	17	45	11	8	50	**36.537.0**
6/4	**R1/4"**	11	20.5	45.5	11	10	50	**36.538.0**
8/6	**R1/8"**	8	17.5	45.5	14	10	50	**36.539.0**
8/6	**R1/4"**	11	20.5	45.5	14	10	50	**36.540.0**
10/8	**R1/8"**	8	18.5	51	16	11	50	**36.541.0**
10/8	**R1/4"**	11	21.5	51	16	11	50	**36.542.0**
10/8	**R3/8"**	11.5	22.5	51	16	11	25	**36.543.0**
12/10	**R3/8"**	11.5	22.5	60	18	14	20	**36.544.0**
15/12.5	**R1/2"**	14	28	68	22	17	10	**36.545.0**

RZ320

Raccordo a T maschio laterale conico

T-fitting, conic thread on the lateral leg

Т-образный фитинг с боковой наружной конической резьбой



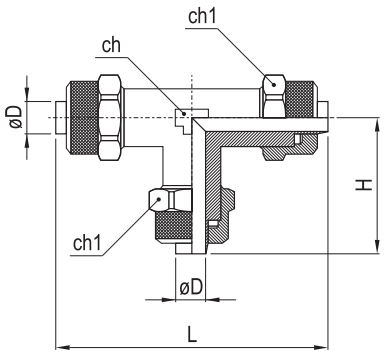
tubo (øD) *tube* трубка	F	I	L	H	ch1	ch	confez. *package* упак.	codice *code* код
6/4	**R1/8"**	8	22.5	39.5	12	8	50	**36.557.0**
6/4	**R1/4"**	11	22.5	42.5	12	10	50	**36.558.0**
8/6	**R1/8"**	8	22.5	40.5	14	10	50	**36.559.0**
8/6	**R1/4"**	11	22.5	43.5	14	10	50	**36.560.0**
10/8	**R1/8"**	8	25.5	44	16	11	50	**36.561.0**
10/8	**R1/4"**	11	25.5	46.5	16	11	50	**36.562.0**
10/8	**R3/8"**	11.5	25.5	48	16	11	25	**36.563.0**
12/10	**R3/8"**	11.5	30	54.5	18	14	20	**36.564.0**
15/12.5	**R1/2"**	14	34	62	22	17	10	**36.565.0**

RZ330

Raccordo a T intermedio

Intermediate T-connector

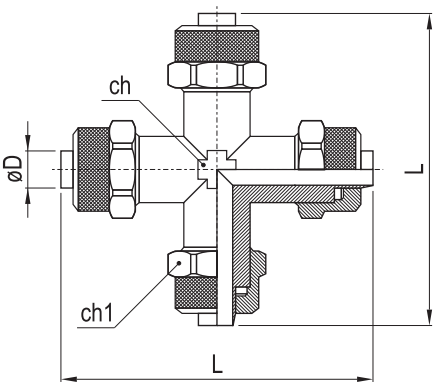
Т-образный фитинг-соединитель



tubo (øD) *tube* трубка	H	L	ch1	ch	confez. *package* упак.	codice *code* код
6/4	22.5	45	12	8	50	**36.567.0**
8/6	22.5	45	14	10	50	**36.568.0**
10/8	25.5	51	16	11	25	**36.569.0**
12/10	30	60	18	14	20	**36.570.0**
15/12.5	34	68	22	17	10	**36.571.0**

RZ400

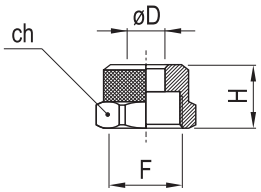
Raccordo a croce intermedio
Intermediate cross
Крестообразный соединитель



tubo (øD) *tube* трубка	L	ch1	ch	confez. *package* упак.	codice *code* код
6/4	43	12	8	20	**36.580.0**
8/6	45	14	10	20	**36.581.0**
10/8	51	16	11	10	**36.582.0**

RZ700

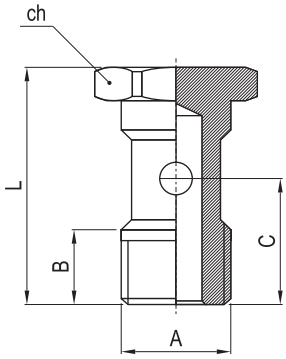
Dado di serraggio
Locking nut
Накидная гайка



tubo (øD) *tube* трубка	F	H		ch	confez. *package* упак.	codice *code* код
4/2.7	**M6x0.5**	8.1		8	50	**36.572.0**
5/3	**M7x0.75**	8.5		8	50	**36.573.0**
6/4	**M8x0.75**	9		9	50	**36.574.0**
6/4	**M10x1**	10.5		12	50	**36.575.0**
8/6	**M12x1**	10.5		14	50	**36.576.0**
10/8	**M14x1**	11.5		16	25	**36.577.0**
12/10	**M16x1**	13		18	20	**36.578.0**
15/12.5	**M20x1**	15.5		22	10	**36.579.0**

RZ410/RZ411

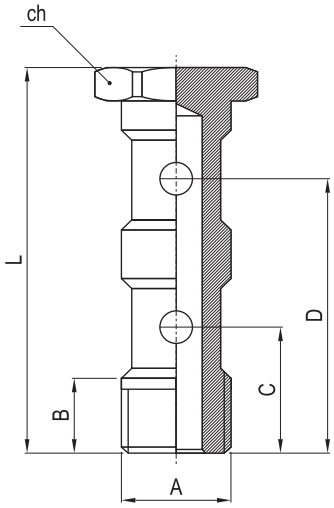
Vite cava singola
Single stem for banjo
Одиночный пустотелый болт



A	B	C	L	ch	confez. *package* упак.	sigla e codice *part number and code* номер для заказа и код	
M5	7.6	9.6	17.5	8	50	**RZ410 M5**	**36.611.0**
G1/8"	9	14.5	27	14	50	**RZ410 1/8**	**36.612.0**
G1/4"	11	18	29.5	17	50	**RZ411 1/4**	**36.1372.0**

RZ420/RZ421

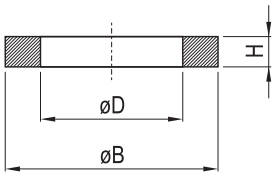
Vite cava doppia
Double stem for banjo
Двойной пустотелый болт



A	B	C	D	L	ch	confez. *package* упак.	sigla e codice *part number and code* номер для заказа и код	
G1/8"	8	15	31	43	14	50	**RZ421 1/8**	**36.1373.0**
G1/4"	11	17	36	45.5	17	50	**RZ421 1/4**	**36.1374.0**

RZ610

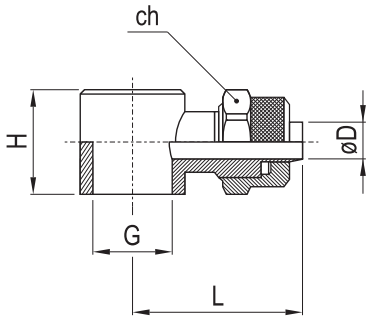
Rondella distanziatrice
Spacer washer
Уплотнительное кольцо



vite *screw* болт	**øB**	**øD**	**H**		confez. *package* упак.	codice *code* код
M5	7.7	5.3	1		100	**36.620.0**
G1/8"	13	10.2	1.5		100	**36.621.0**
G1/4"	17.9	13.4	2		100	**36.622.0**
G3/8"	21.8	17.1	2		100	**36.623.0**

RZ500

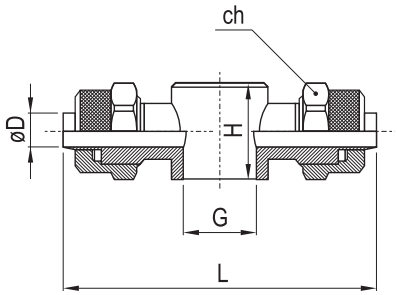
Anello semplice
Single banjo body
Фитинг-серьга к пустотелому болту



tubo (øD) *tube* трубка	vite (G) *screw* болт	H	L	ch	confez. *package* упак.	codice *code* код
4/2.7	**M5**	9	15.8	8	50	**36.583.0**
6/4	**M5**	9	18	9	50	**36.587.0**
6/4	**G1/8"**	14.5	24	12	50	**36.588.0**
6/4	**G1/4"**	14.5	26	12	50	**36.589.0**
8/6	**G1/8"**	14.5	24	14	50	**36.591.0**
8/6	**G1/4"**	14.5	26	14	50	**36.592.0**
10/8	**G1/4"**	14.5	27.5	16	25	**36.594.0**

RZ510

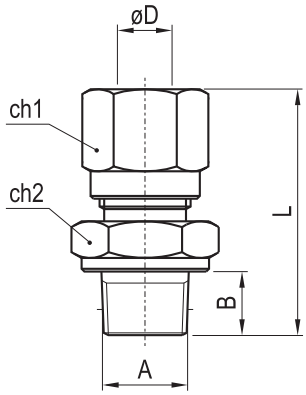
Anello doppio
Double banjo body
Двойная фитинг-серьга к пустотелому болту



tubo (øD) *tube* трубка	vite (G) *screw* болт	H	L	ch	confez. *package* упак.	codice *code* код
6/4	**G1/8"**	14.5	48	12	50	**36.601.0**
6/4	**G1/4"**	14.5	52	12	50	**36.602.0**
8/6	**G1/8"**	14.5	48	14	50	**36.604.0**
8/6	**G1/4"**	14.5	52	14	50	**36.605.0**
10/8	**G1/4"**	14.5	55	16	25	**36.607.0**

RB100

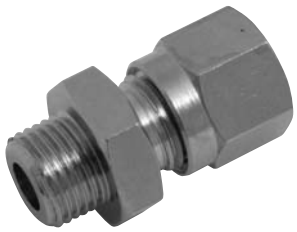
Raccordo diritto maschio conico
Straight male fitting, with conic thread
Фитинг прямой с конической резьбой

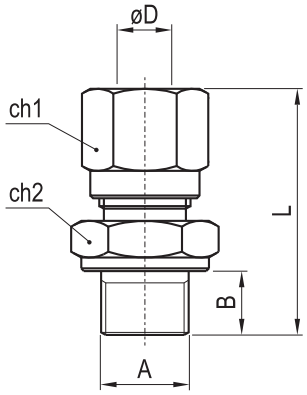


tubo (øD) *tube* трубка	A	B	L	ch1	ch2	confez. *package* упак.	codice *code* код
4	**R1/8"**	8	27	10	10	50	**36.1200.0**
6	**R1/8"**	8	28	12	12	50	**36.1201.0**
6	**R1/4"**	11	32.5	12	14	50	**36.1202.0**
8	**R1/8"**	8	29.5	14	12	50	**36.1203.0**
8	**R1/4"**	11	33	14	14	50	**36.1204.0**
8	**R3/8"**	11.5	33	14	17	50	**36.1205.0**
10	**R1/4"**	11	37.5	19	17	50	**36.1206.0**
10	**R3/8"**	11.5	38	19	17	50	**36.1207.0**
10	**R1/2"**	14	40.5	19	22	25	**36.1208.0**
12	**R3/8"**	11.5	39	22	19	25	**36.1209.0**
12	**R1/2"**	14	41	22	22	25	**36.1210.0**
14	**R1/2"**	14	42.5	27	22	20	**36.1211.0**

RB120

Raccordo diritto maschio cilindrico
Straight male fitting, with cylindric thread
Фитинг прямой с цилиндрической резьбой

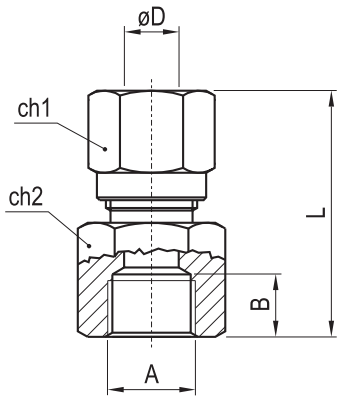




tubo (øD) *tube* трубка	A	B	L	ch1	ch2	confez. *package* упак.	codice *code* код
4	**G1/8"**	6	25	10	14	50	**36.1212.0**
6	**G1/8"**	6	26	12	14	50	**36.1213.0**
6	**G1/4"**	8	29.5	12	17	50	**36.1214.0**
8	**G1/8"**	6	27.5	14	14	50	**36.1215.0**
8	**G1/4"**	8	30	14	17	50	**36.1216.0**
8	**G3/8"**	9	30.5	14	19	50	**36.1217.0**
10	**G1/4"**	8	34.5	19	17	50	**36.1218.0**
10	**G3/8"**	9	36	19	19	50	**36.1219.0**

RB130

Raccordo diritto femmina
Straight female fitting
Фитинг прямой с внутренней цилиндрической резьбой



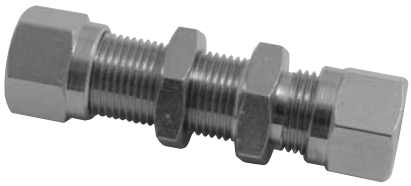
tubo (øD) *tube* трубка	A	B	L	ch1	ch2	confez. *package* упак.	codice *code* код
4	**G1/8"**	8	24.5	10	14	50	**36.1220.0**
6	**G1/8"**	8	26	12	14	50	**36.1221.0**
6	**G1/4"**	11	30.5	12	17	50	**36.1222.0**
8	**G1/8"**	8	26.5	14	14	50	**36.1223.0**
8	**G1/4"**	11	31	14	17	50	**36.1224.0**
8	**G3/8"**	11.5	31	14	20	50	**36.1225.0**
10	**G1/4"**	11	35.5	19	17	50	**36.1226.0**
10	**G3/8"**	11.5	36.5	19	20	50	**36.1227.0**
12	**G3/8"**	11.5	37	22	20	25	**36.1228.0**
12	**G1/2"**	15	38.5	22	24	25	**36.1229.0**
14	**G1/2"**	15	40	27	24	20	**36.1230.0**

RB150

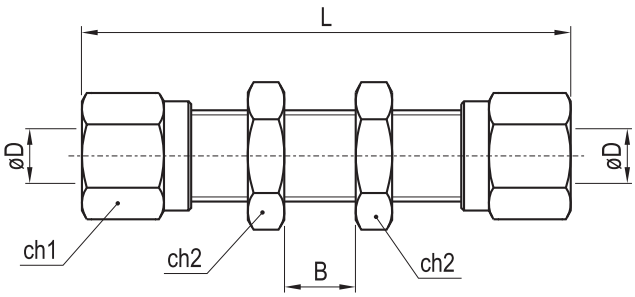
Raccordo diritto intermedio passaparete

Intermediate straight connector for panel mounting

Фитинг-соединитель прямой с монтажной резьбой на корпусе и гайками



tubo (øD) *tube* трубка	B max	L	ch1	ch2	confez. *package* упак.	codice *code* код
6	15.5	51.5	12	14	50	**36.1231.0**
8	16.5	55.5	14	16	50	**36.1232.0**
10	15.5	62.5	19	19	50	**36.1233.0**
12	16	64.5	22	22	20	**36.1234.0**
14	18	69.5	27	25	20	**36.1235.0**

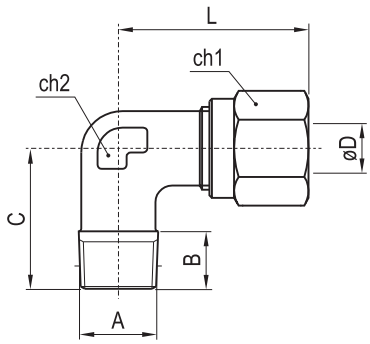


RB210

Raccordo a L maschio conico

L-fitting with conic thread

L-образный фитинг с наружной конической резьбой



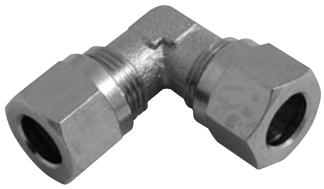
tubo (øD) *tube* трубка	A	B	C	L	ch1	ch2	confez. *package* упак.	codice *code* код
4	**R1/8″**	8	16	21	10	9	50	**36.1253.0**
6	**R1/8″**	8	16	22	12	9	50	**36.1254.0**
6	**R1/4″**	11	20	24.5	12	11	50	**36.1255.0**
8	**R1/8″**	8	17	24	14	11	50	**36.1256.0**
8	**R1/4″**	11	20	24	14	11	50	**36.1257.0**
8	**R3/8″**	11.5	24	27	14	13	50	**36.1258.0**
10	**R1/4″**	11	23.5	32	19	13	50	**36.1259.0**
10	**R3/8″**	11.5	24	32	19	13	50	**36.1260.0**
12	**R3/8″**	11.5	25.5	34.5	22	15	25	**36.1261.0**
12	**R1/2″**	14	28.5	34.5	22	15	25	**36.1262.0**
14	**R1/2″**	14	30	38	27	17	20	**36.1263.0**

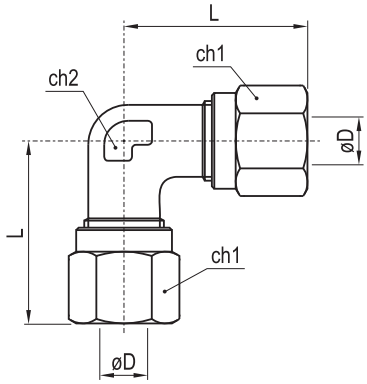
RB230

Raccordo a L intermedio

Intermediate elbow connector

L-образный фитинг-соединитель





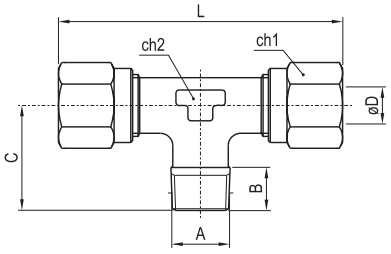
tubo (øD) *tube* трубка	L		ch1	ch2	confez. *package* упак.	codice *code* код
4	21		10	9	50	**36.1264.0**
6	23		12	9	50	**36.1265.0**
8	24		14	11	50	**36.1266.0**
10	32		19	13	50	**36.1267.0**
12	34.5		22	15	20	**36.1268.0**
14	38		27	17	20	**36.1269.0**

RB300

Raccordo a T maschio conico

T-fitting with conic thread

Т-образный фитинг с наружной конической резьбой



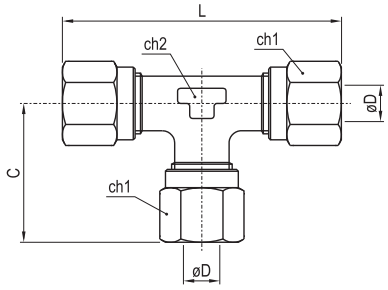
tubo (øD) *tube* трубка	A	B	C	L	ch1	ch2	confez. *package* упак.	codice *code* код
4	**R1/8"**	8	16	42	10	9	50	**36.1236.0**
6	**R1/8"**	8	16	46	12	9	50	**36.1237.0**
6	**R1/4"**	11	20	48	12	11	50	**36.1238.0**
8	**R1/8"**	8	17	48	14	11	50	**36.1239.0**
8	**R1/4"**	11	20	48	14	11	50	**36.1240.0**
8	**R3/8"**	11.5	24	54	14	13	50	**36.1241.0**
10	**R1/4"**	11	23.5	64	19	13	25	**36.1242.0**
10	**R3/8"**	11.5	24	64	19	13	25	**36.1243.0**
12	**R3/8"**	11.5	25.5	69	22	15	20	**36.1244.0**
12	**R1/2"**	14	28.5	69	22	15	20	**36.1245.0**
14	**R1/2"**	14	30	76	27	17	20	**36.1246.0**

RB330

Raccordo a T intermedio

Intermediate T-connector

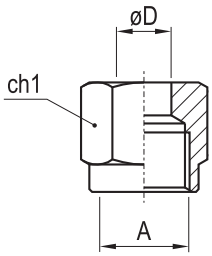
Т-образный фитинг-соединитель



tubo (øD) *tube* трубка	C	L	ch1	ch2	confez. *package* упак.	codice *code* код
4	21	42	10	9	50	**36.1247.0**
6	23	46	12	9	50	**36.1248.0**
8	24	48	14	11	50	**36.1249.0**
10	32	64	19	13	25	**36.1250.0**
12	34.5	69	22	15	20	**36.1251.0**
14	38	76	27	17	10	**36.1252.0**

RB700

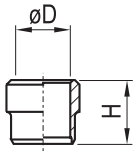
Dado di serraggio
Locking nut
Гайка



tubo (øD) *tube* трубка	A		ch1	confez. *package* упак.	codice *code* код
4	M8x1		10	50	**36.1270.0**
6	M10x1		12	50	**36.1271.0**
8	M12x1		14	50	**36.1272.0**
10	M16x1.5		19	25	**36.1273.0**
12	M18x1.5		22	20	**36.1274.0**
14	M22x1.5		27	10	**36.1275.0**

RB710

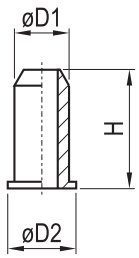
Ogiva
Ogive
Обжимная втулка



tubo (øD) *tube* трубка	H		confez. *package* упак.	codice *code* код
4	6		50	**36.1276.0**
6	7		50	**36.1277.0**
8	7		50	**36.1278.0**
10	10		25	**36.1279.0**
12	10		20	**36.1280.0**
14	10		10	**36.1281.0**

RB720

Anima rinforzo
Internal support
Поддерживающая втулка



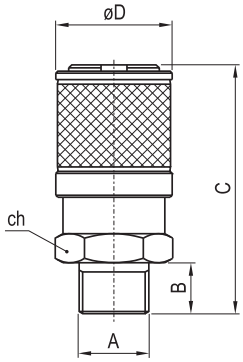
tubo *tube* трубка	øD1	øD2	H		confez. *package* упак.	codice *code* код
4	2.5	3.5	10		50	**36.1282.0**
6	4	5.5	12		50	**36.1283.0**
8	6	7.5	13		50	**36.1284.0**
10	8	9.5	14		25	**36.1285.0**
12	10	11.5	16		20	**36.1286.0**
14	12	13.5	16		10	**36.1287.0**

profilo
profile
стандарт

MIGNON

RR111

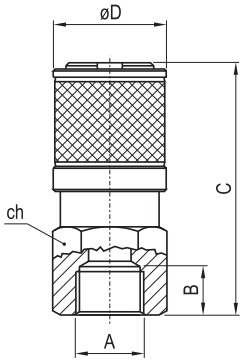
Presa con attacco maschio
Male socket
Муфта с наружной резьбой



A	B	C	øD	ch	confez. *package* упак.	codice *code* код
G1/8"	6	35.5	18	16	10	**AU.213.0**
G1/4"	8	37.5	18	16	10	**AU.214.0**
G3/8"	9	38.5	18	19	10	**36.1290.0**

RR112

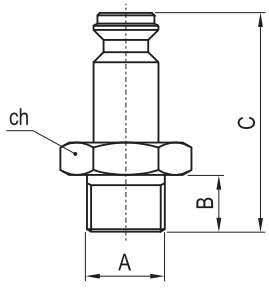
Presa con attacco femmina
Female socket
Муфта с внутренней резьбой



A	B	C	øD	ch	confez. *package* упак.	codice *code* код
G1/8"	7.5	35	18	16	10	**AU.226.0**
G1/4"	11	38.5	18	16	10	**AU.227.0**
G3/8"	11.5	39	18	19	10	**36.1293.0**

RR211

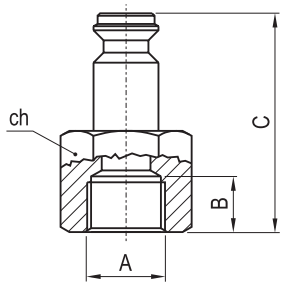
Innesto con attacco maschio
Male plug
Штекер с наружной резьбой



A	B	C	ch	confez. *package* упак.	codice *code* код
G1/8"	6	26	14	25	**AU.219.0**
G1/4"	8	28.5	17	25	**AU.220.0**
G3/8"	9	29.5	19	25	**36.1296.0**

RR212

Innesto con attacco femmina
Female plug
Штекер с внутренней резьбой



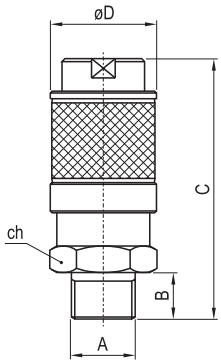
A	B	C	ch	confez. *package* упак.	codice *code* код
G1/8"	7.5	25	14	25	**AU.230.0**
G1/4"	11	28.5	17	25	**AU.231.0**
G3/8"	11.5	29	19	25	**36.1299.0**

profilo
profile
стандарт

UNI ISO 6150 B-12

RR121

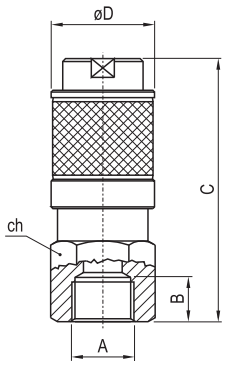
Presa con attacco maschio
Male socket
Муфта с наружной резьбой



A	B	C	øD	ch	confez. *package* упак.	codice *code* код
G1/4"	8	53	24	21	10	**36.1300.0**
G3/8"	9	54	24	21	10	**36.1301.0**
G1/2"	10	55	24	24	10	**AU.192.0**

RR122

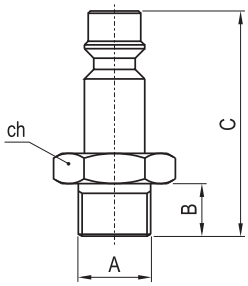
Presa con attacco femmina
Female socket
Муфта с внутренней резьбой



A	B	C	øD	ch	confez. *package* упак.	codice *code* код
G1/4"	11	55	24	21	10	**AU.133.0**
G3/8"	11.5	55.5	24	21	10	**AU.134.0**
G1/2"	14	59	24	24	10	**AU.135.0**

RR221

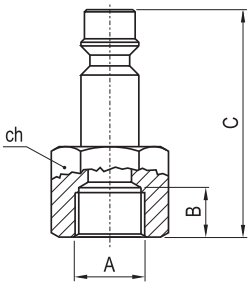
Innesto con attacco maschio
Male plug
Штекер с наружной резьбой



A	B	C	ch	confez. *package* упак.	codice *code* код
G1/4"	8	36.5	17	25	**36.1306.0**
G3/8"	9	37.5	19	25	**36.1307.0**
G1/2"	10	39	24	25	**36.1308.0**

RR222

Innesto con attacco femmina
Female plug
Штекер с внутренней резьбой



A	B	C	ch	confez. *package* упак.	codice *code* код
G1/4"	11	36.5	17	25	**AU.136.0**
G3/8"	11.5	37	19	25	**AU.137.0**
G1/2"	14	39.5	24	25	**AU.138.0**

innesti rapidi

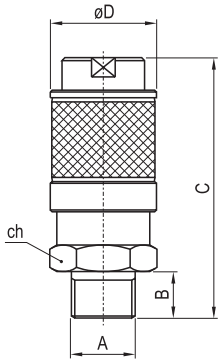
quick couplings *быстроразъёмные муфты с самозапиранием*

profilo
profile
стандарт

ITALIANO ***italian*** **итальянский**

RR121

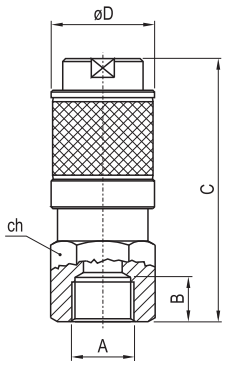
Presa con attacco maschio
Male socket
Муфта с наружной резьбой



A	B	C	øD	ch	confez. *package* упак.	codice *code* код
G1/4"	8	53	24	21	10	**36.1300.0**
G3/8"	9	54	24	21	10	**36.1301.0**
G1/2"	10	55	24	24	10	**AU.192.0**

RR122

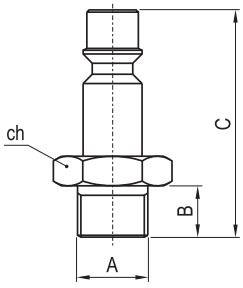
Presa con attacco femmina
Female socket
Муфта с внутренней резьбой



A	B	C	øD	ch	confez. *package* упак.	codice *code* код
G1/4"	11	55	24	21	10	**AU.133.0**
G3/8"	11.5	55.5	24	21	10	**AU.134.0**
G1/2"	14	59	24	24	10	**AU.135.0**

RR251

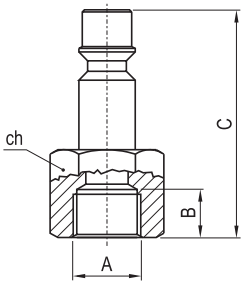
Innesto con attacco maschio
Male plug
Штекер с наружной резьбой



A	B	C	ch	confez. *package* упак.	codice *code* код
G1/4"	8	38	17	25	**36.1312.0**
G3/8"	9	39	19	25	**36.1313.0**
G1/2"	10	40.5	24	25	**36.1314.0**

RR252

Innesto con attacco femmina
Female plug
Штекер с внутренней резьбой



A	B	C	ch	confez. *package* упак.	codice *code* код
G1/4"	11	38	17	25	**36.1315.0**
G3/8"	11.5	38.5	19	25	**36.1316.0**
G1/2"	14	41	24	25	**36.1317.0**

innesti rapidi

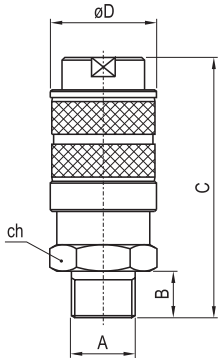
quick couplings *быстроразъёмные муфты с самозапиранием*

profilo
profile
стандарт

TEDESCO ***german*** **немецкий**

RR161

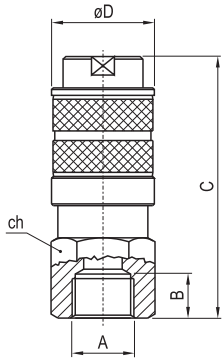
Presa con attacco maschio
Male socket
Муфта с наружной резьбой



A	B	C	øD	ch	confez. *package* упак.	codice *code* код
G1/4"	8	50	24	21	10	**AU.151.0**
G3/8"	9	54	24	21	10	**AU.105.0**
G1/2"	10	55	24	24	10	**AU.110.0**

RR162

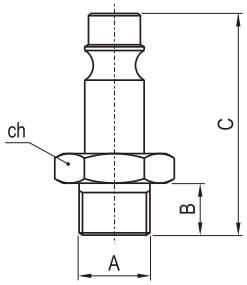
Presa con attacco femmina
Female socket
Муфта с внутренней резьбой



A	B	C	øD	ch	confez. *package* упак.	codice *code* код
G1/4"	11	52	24	21	10	**AU.109.0**
G3/8"	11.5	52.5	24	21	10	**AU.119.0**
G1/2"	14	56	24	24	10	**AU.163.0**

RR261

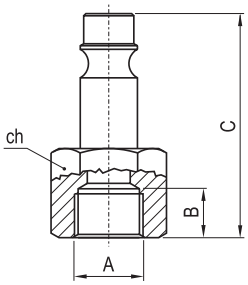
Innesto con attacco maschio
Male plug
Штекер с наружной резьбой



A	B	C	ch	confez. *package* упак.	codice *code* код
G1/4"	8	33	17	25	**AU.148.0**
G3/8"	9	34	19	25	**AU.150.0**
G1/2"	10	35.5	24	25	**AU.108.0**

RR262

Innesto con attacco femmina
Female plug
Штекер с внутренней резьбой



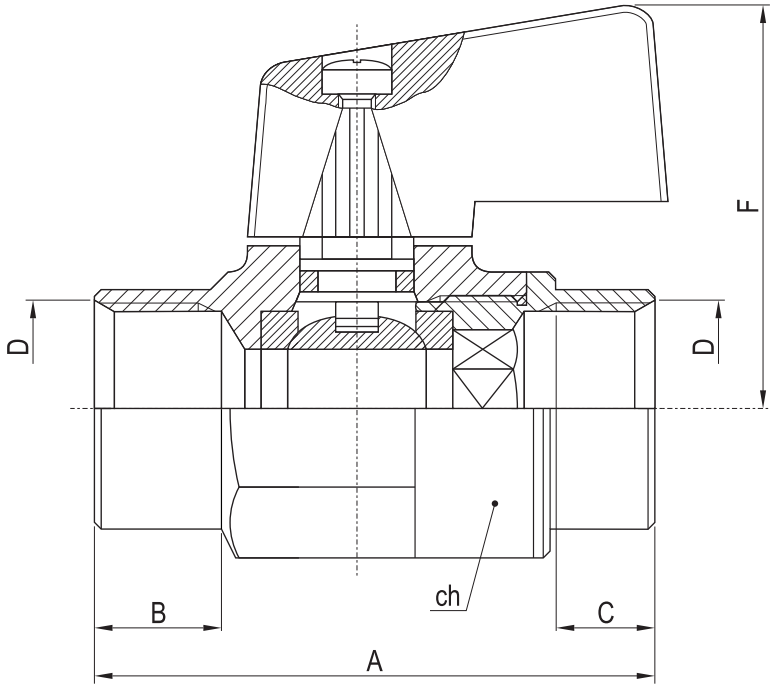
A	B	C	ch	confez. *package* упак.	codice *code* код
G1/4"	11	33	17	25	**AU.205.0**
G3/8"	11.5	33.5	19	25	**AU.121.0**
G1/2"	14	36	24	25	**AU.235.0**

VS100

Minivalvola a sfera F/F
Female-female mini ball valve
Мини-кран с двумя внутренними резьбами

D	A	B	C	F		ch	confez. *package* упак.	codice *code* код
G1/8"	39.5	10	8	27		14	5	**36.654.0**
G1/4"	44.5	11	10	27		14	5	**36.655.0**

leva: azzurra
knob: light blue
рукоятка: синяя

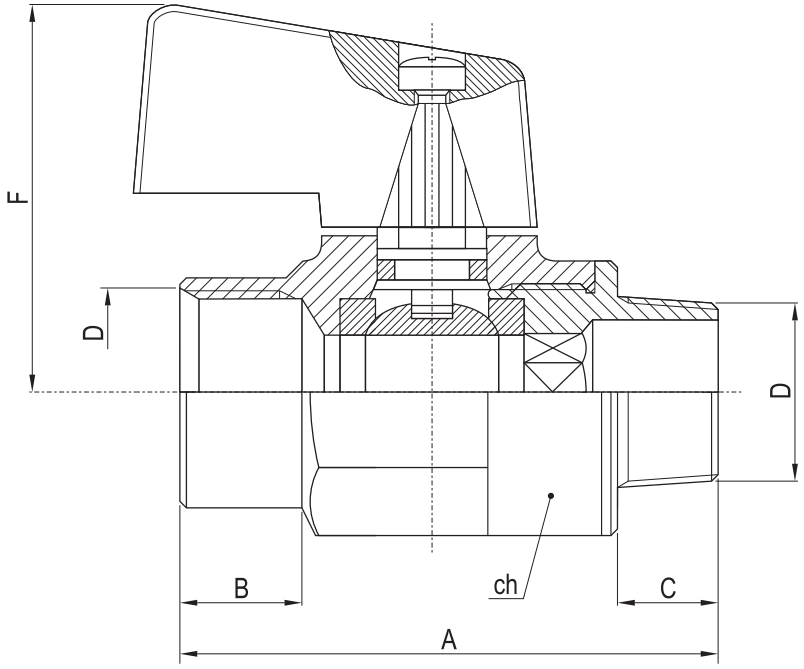


VS110

Minivalvola a sfera M/F
Male-female mini ball valve
Мини-кран с одной внутренней и одной наружной резьбой

D	A	B	C	F		ch	confez. *package* упак.	codice *code* код
G1/8"	39	10	7.5	27		14	5	**36.656.0**
G1/4"	44.5	11	11	27		14	5	**36.657.0**

leva: azzurra
knob: light blue
рукоятка: синяя



VS400

Valvola a sfera F/F barra esagonale

Female-female ball valve with hexagonal body

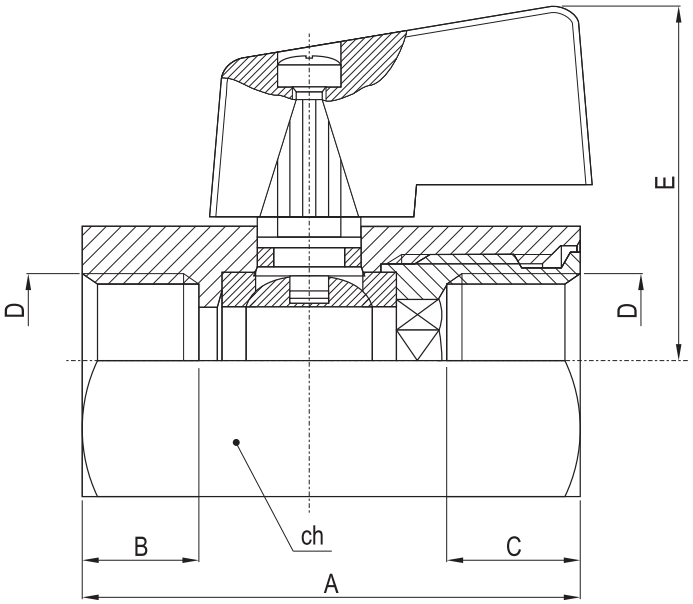
Кран с двумя внутренними резьбами и шестигранным корпусом

leva: nera

knob: black

рукоятка: чёрная

D	A	B	C	E		ch	confez. *package* упак.	codice *code* код
G1/8"	39	9	10.5	27.5		21	5	**36.646.0**
G1/4"	39	9	10.5	27.5		21	5	**36.647.0**
G3/8"	42	12	9.9	27.5		21	5	**36.648.0**
G1/2"	47	12.3	10.6	29.5		25	5	**36.649.0**



VS405

Valvola a sfera M/F barra esagonale

Male-female ball valve with hexagonal body

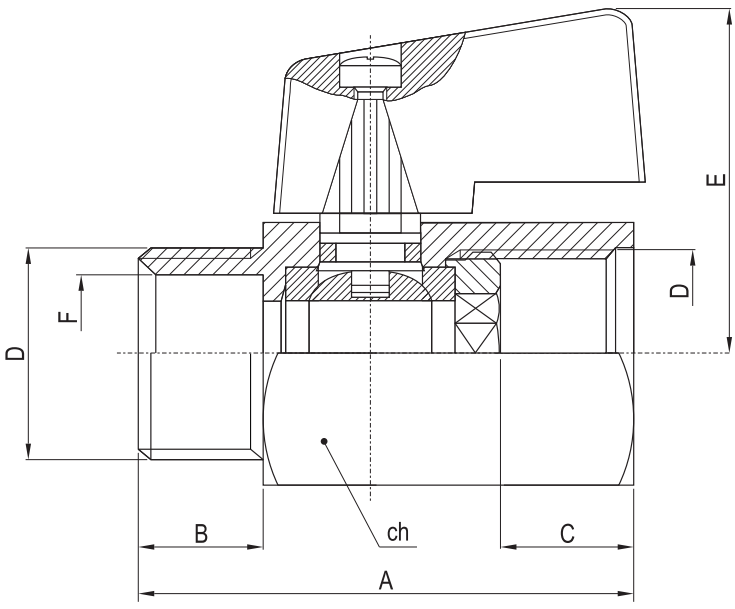
Кран с одной внутренней и одной наружной резьбой. Шестигранный корпус

leva: nera

knob: black

рукоятка: чёрная

D	A	B	C	E	F	ch	confez. *package* упак.	codice *code* код
G1/8"	39	8	10.5	27.5	6.1	21	5	**36.650.0**
G1/4"	39	9	10.5	27.5	8.2	21	5	**36.651.0**
G3/8"	40	10	9.9	27.5	12.2	21	5	**36.652.0**
G1/2"	45	12.2	10.6	29.5	15.2	25	5	**36.653.0**



PA11N Tubo RILSAN PA11 - neutro
Tube RILSAN PA11 - neutral
Трубка RILSAN PA11 - прозрачная

PA11A Tubo RILSAN PA11 - azzurro
Tube RILSAN PA11 - light blue
Трубка RILSAN PA11 - синяя

diametro esterno *external diameter* наружный диам.	diametro interno *internal diameter* внутренний диам.	pressione di lavoro (a 20°C) *working pressure (at 20°C)* рабочее давление (при 20°C)	raggio di curvatura *bending radius* мин. радиус изгиба	confez. *package* упак.	codice *code* код		codice *code* код	
4	**2**	66 bar	20 mm	100 m	colore *colour* цвет **neutro *neutral* прозрачный**	**36.664.0**	colore *colour* цвет **azzurro *light blue* синий**	**36.672.0**
5	**3**	50 bar	25 mm	100 m		**36.665.0**		**36.673.0**
6	**4**	40 bar	35 mm	100 m		**36.666.0**		**36.674.0**
8	**6**	29 bar	40 mm	100 m		**36.667.0**		**36.675.0**
10	**8**	18 bar	60 mm	100 m		**36.668.0**		**36.676.0**
12	**10**	17 bar	85 mm	100 m		**36.669.0**		**36.677.0**
14	**12**	15 bar	90 mm	100 m		**36.670.0**		**36.678.0**
15	**12**	20 bar	90 mm	100 m		**36.671.0**		**36.679.0**

Scala di correzione della pressione in funzione della temperatura
Pressure adjusting scale related to temperature
Поправочный температурный коэффициент для давления

+20°C	+30°C	+40°C	+50°C	+70°C	+80°C
1	0.83	0.72	0.64	0.52	0.47

Temperatura di lavoro
Working temperature -40°C ... +80°C
Рабочая температура

PU Tubo poliuretano 98 shore - azzurro
Tube polyurethan 98 shore - light blue
Полиуретановая трубка 98 shore - синяя

diametro esterno *external diameter* наружный диам.	diametro interno *internal diameter* внутренний диам.	pressione di lavoro (a 20°C) *working pressure (at 20°C)* рабочее давление (при 20°C)	raggio di curvatura *bending radius* мин. радиус изгиба	confez. *package* упак.	codice *code* код	
4	**2**	25 bar	20 mm	100 m	colore *colour* цвет **azzurro *light blue* синий**	**36.680.0**
5	**3**	20 bar	25 mm	100 m		**36.681.0**
6	**4**	18 bar	30 mm	100 m		**36.682.0**
8	**6**	10 bar	40 mm	100 m		**36.683.0**
10	**8**	8 bar	50 mm	100 m		**36.684.0**
12	**9**	9.5 bar	50 mm	100 m		**36.685.0**

Scala di correzione della pressione in funzione della temperatura
Pressure adjusting scale related to temperature
Поправочный температурный коэффициент для давления

+20°C	+30°C	+40°C	+50°C	+60°C
1	0.83	0.72	0.64	0.47

Temperatura di lavoro
Working temperature -40°C ... +60°C
Рабочая температура

PA12N Tubo POLIAMMIDE PA12 - neutro
Tube POLYAMIDE PA12 - neutral
Трубка ПОЛИАМИД PA12 - прозрачная

PA12A Tubo POLIAMMIDE PA12 - azzurro
Tube POLYAMIDE PA12 - light blue
Трубка ПОЛИАМИД PA12 - синяя

PA12F Tubo POLIAMMIDE PA12 - nero
Tube POLYAMIDE PA12 - black
Трубка ПОЛИАМИД PA12 - черная

diametro esterno *external diameter* наружный диам.	diametro interno *internal diameter* внутренний диам.	pressione di lavoro (a 20°C) *working pressure (at 20°C)* рабочее давление (при 20°C)	raggio di curvatura *bending radius* мин. радиус изгиба	confez. *package* упак.	codice *code* код	codice *code* код	codice *code* код
					neutro ***neutral*** прозрачный	**azzurro** ***light blue*** синий	**nero** ***black*** черный
4	**2**	44 bar	15 mm	100 m	**36.597.0**	**36.597.0/A**	-
6	**4**	27 bar	35 mm	100 m	**36.714.0**	**36.714.0/A**	**36.714.0/N**
8	**6**	19 bar	40 mm	100 m	**36.715.0**	**36.715.0/A**	**36.715.0/N**
10	**8**	15 bar	60 mm	100 m	**36.716.0**	**36.716.0/A**	**36.716.0/N**
12	**10**	12 bar	85 mm	100 m	**36.717.0**	**36.717.0/A**	-

Scala di correzione della pressione in funzione della temperatura
Pressure adjusting scale related to temperature
Поправочный температурный коэффициент для давления

+20°C	+30°C	+40°C	+50°C	+70°C	+80°C
1	0.87	0.74	0.64	0.52	0.47

Temperatura di lavoro
Working temperature -40°C ... +100°C
Рабочая температура

indice alfanumerico ordinato per codice

ordered by code *указатель складских кодов*

sigla *part number*	codice *code*	pagina *page*	sigla *part number*	codice *code*	pagina *page*	sigla *part number*	codice *code*	pagina *page*	sigla *part number*	codice *code*	pagina *page*	sigla *part number*	codice *code*	pagina *page*
	00.011.3	49		05.088.2	33	FIL 5N-05-A	16.098.3	154		16.349.0	151	RP020 10 3/8	36.014.0	174
321 MRE	00.148.3	36		05.089.2	33	FR 5N-08-05-A	16.099.3	160	SCR 3K-P	16.350.0	140	RP020 12 1/4	36.015.0	174
521 MC SUP	00.162.4	20		05.090.2	33	FIL 2K-05-A	16.100.3	118	AVP 3K-00	16.351.0	144	RP020 12 3/8	36.016.0	174
	00.170.3	25		05.091.2	33	FIL 3K-05-A	16.101.3	118	PAI 3K-00	16.352.0	148	RP020 12 1/2	36.017.0	174
	00.171.3	26		05.092.2	33	FIL 4K-05-A	16.102.3	118	VNR 3K	16.355.0	146	RP020 14 3/8	36.018.0	174
	00.172.3	26	451 ME 01	05.238.4	30	FR 2K-08-05-A	16.103.3	134		17.005.4	98	RP020 14 1/2	36.019.0	174
	00.173.3	26	451 ME 02	05.239.4	30	FR 3K-08-05-A	16.104.3	134		17.006.4	98	RP030 4 1/8	36.020.0	177
	00.178.3	24	451 ME AS 01	05.240.4	30	FR 4K-08-05-A	16.105.3	134		17.007.4	98	RP030 4 1/4	36.021.0	177
	00.179.3	24	451 ME AS 02	05.241.4	30	FR+L 2K-08-05-A	16.106.3	136		17.008.4	98	RP030 5 1/8	36.022.0	177
321 MC SUP	00.179.4	20	451 EE 01	05.242.4	32	FR+L 3K-08-05-A	16.107.3	136		17.017.0	79	RP030 5 1/4	36.023.0	177
521 CC SUP	00.210.4	21	451 EE 02	05.243.4	32	FR+L 4K-08-05-A	16.108.3	136		17.060.0	96	RP030 6 1/8	36.024.0	177
	00.251.0	27	451 EE AS 01	05.244.4	32	PAI 4N-00	16.202.0	169		17.061.0	96	RP030 6 1/4	36.025.0	177
321 CC SUP	00.275.4	21	451 EE AS 02	05.245.4	32	SR-M4N	16.203.0	168		17.062.0	96	RP030 8 1/8	36.026.0	177
321 MYR12	00.280.4/G12	4	451 CE 01	05.246.4	31		16.205.0	169		17.066.0	96	RP030 8 1/4	36.027.0	177
321 MYR31	00.280.4/G31	5	451 CE 02	05.247.4	31	FIL 5N-05-S	16.209.0	154		17.067.0	96	RP040 4	36.028.0	176
321 MYR46	00.280.4/G46	6		07.011.2	49	LUB 5N-00	16.210.0	158		17.068.0	96	RP040 5	36.029.0	176
321 MYR53	00.280.4/G53	7		07.076.2	34	FR 5N-08-05-S	16.211.0	160		17.069.0	96	RP040 6	36.030.0	176
321 MYN61	00.280.4/G61	8		07.077.2	34	REG 5N-08	16.212.0	156		17.077.0	79	RP040 8	36.031.0	176
321 MYN71	00.280.4/G71	9		07.078.2	34		16.213.2	170		17.081.0	79	RP040 10	36.032.0	176
321 MYN74	00.280.4/G74	10		07.079.2	35		16.214.0	126		17.082.0	79	RP040 12	36.033.0	176
521 MYR12	00.282.4/G12	4		07.080.2	35		16.215.0	128		17.090.0	80	RP040 14	36.034.0	176
521 MYR31	00.282.4/G31	5		07.101.1	22	SR-M5N	16.216.0	168		17.091.0	80	RP130 4	36.035.0	176
521 MYR46	00.282.4/G46	6	521B ME	07.101.3	44	SCR 5N-P	16.217.0	166		18.010.0	106	RP130 5	36.036.0	176
521 MYR53	00.282.4/G53	7		07.102.2	47	STF 4N	16.218.0	169		18.011.0	106	RP130 6	36.037.0	176
521 MYN61	00.282.4/G61	8	521B EE	07.102.3	45		16.230.0	130		18.012.0	106	RP130 8	36.038.0	176
521 MYN71	00.282.4/G71	9		07.103.2	47		16.231.0	131	2x521D ME	19.001.3	56	RP130 10	36.039.0	176
521 MYN74	00.282.4/G74	10	521B EE AS	07.103.3	45		16.289.0	150	521D EE	19.002.3	57	RP130 12	36.040.0	176
521 MRE	00.287.3	36		07.104.2	48	AVP 2MK-00	16.290.0	111	521D3A EE	19.003.3	57	RP130 14	36.041.0	176
	00.348.0	27	521B ME AS	07.104.3	44	SCR 2MK-P	16.291.0	113	521D3C EE	19.004.3	57	RP230 4	36.042.0	176
	00.349.0	27		07.105.2	48	SCR 2MK-E	16.292.3	114	521D3P EE	19.005.3	57	RP230 5	36.043.0	176
	00.350.0	27	521B CE	07.105.3	44	SR-M2MK	16.293.0	112		19.006.3	58	RP230 6	36.044.0	176
	00.351.0	27		07.106.2	49	PAI 2MK-00	16.294.0	115		19.007.3	58	RP230 8	36.045.0	176
	00.396.0	27	521B3C EE	07.106.3	46	KIT 2MK-01	16.295.0	116		19.008.3	58	RP230 10	36.046.0	176
	00.397.0	27		07.107.2	22	KIT 2MK-00	16.296.0	116		19.010.3	59	RP230 12	36.047.0	176
	00.445.0	27	521B3A EE	07.107.3	46	STF 2MK	16.297.0	116		19.011.3	59	RP230 14	36.048.0	176
	00.446.0	27	521B3P EE	07.108.3	46	FR+L 2MK-08-05-S	16.298.0	110		19.023.0	61	RP600 4 M5	36.049.0	178
	00.447.0	27	521B3C EE AS	07.109.3	46	LUB 2MK-00	16.299.0	109		19.024.0	61	RP600 4 1/8	36.050.0	178
	00.448.0	27	521B3A EE AS	07.110.3	46	FR 2MK-08-05-S	16.300.0	108		19.025.0	61	RP600 4 1/4	36.051.0	178
	00.466.0	27	521B3P EE AS	07.111.3	46	REG 2K-08	16.301.0	124		19.030.0	61	RP600 5 M5	36.052.0	178
322 MRE	01.093.3	37	2x321B ME	07.112.3	45	FIL 2K-05-S	16.302.0	118		19.031.0	61	RP600 5 1/8	36.053.0	178
	01.094.3	26	2x321B ME AS	07.113.3	45	LUB 2K-00	16.303.0	132		19.032.0	61	RP600 5 1/4	36.054.0	178
5823C EE	01.097.3	38	521B EED	07.114.3	45	FR 2K-08-05-S	16.304.0	134		19.X01...	53	RP600 6 M5	36.055.0	178
	01.100.3	26		07.125.0	61	FR+L 2K-08-05-S	16.305.0	136		19.X02...	53	RP600 6 1/8	36.056.0	178
	01.101.3	26		07.126.0	61	MFIL 2K-S	16.306.0	120		19.Y01...	53	RP600 6 1/4	36.057.0	178
522 MYR12	01.197.4/G12	11		07.127.0	61	CFIL 2K-S	16.307.0	122		19.Y02...	53	RP600 8 1/8	36.058.0	178
522 MYR31	01.197.4/G31	12		07.145.0	61	SR-M2K	16.308.0	138		26.164.0	102	RP600 8 1/4	36.059.0	178
522 MYR46	01.197.4/G46	13		07.146.0	61	SCR 2K-P	16.310.0	140		26.165.0	102	RP600 8 3/8	36.060.0	178
522 MYR53	01.197.4/G53	14		07.147.0	61	SCR 2K-E	16.310.3	142	CAIS032SP	26.516.2N	92	RP600 10 1/8	36.061.0	178
522 MYN61	01.197.4/G61	15		07.Y02...	43	AVP 2K-00	16.311.0	144	CAIS040SP	26.517.2N	92	RP600 10 1/4	36.062.0	178
522 MYN71	01.197.4/G71	16		08.048.2	76	PAI 2K-00	16.312.0	148	CAIS050SP	26.518.2N	92	RP600 10 3/8	36.063.0	178
522 MYN74	01.197.4/G74	17		08.156.4	62	KIT 2K-00	16.313.0	149	CAIS063SP	26.519.2N	92	RP600 12 1/4	36.064.0	178
322 MYR12	01.198.4/G12	11		08.179.4	74	KIT 2K-01	16.314.0	149	CAIS080SP	26.520.2N	92	RP600 12 3/8	36.065.0	178
322 MYR31	01.198.4/G31	12		08.304.4	72	VNR 2K	16.315.0	146	CAIS100SP	26.521.2N	92	RP600 12 1/2	36.066.0	178
322 MYR46	01.198.4/G46	13		08.337.4	64		16.319.0	151	CAIS125SP	26.522.2N	92	RP600 14 3/8	36.067.0	178
322 MYR53	01.198.4/G53	14		08.341.4	3		16.320.0	151	R2A-2	26.550.0	100	RP600 14 1/2	36.068.0	178
322 MYN61	01.198.4/G61	15		08.361.4	66	REG 4K-08	16.321.0	124	R2A-5	26.551.0	100	RP625 4	36.069.0	178
322 MYN71	01.198.4/G71	16		08.362.4	68	FIL 4K-05-S	16.322.0	118	R2A-M8	26.552.0	100	RP625 5	36.070.0	178
322 MYN74	01.198.4/G74	17		08.363.4	70	LUB 4K-00	16.323.0	132	R2AS-2	26.553.0	100	RP625 6	36.071.0	178
	01.202.3	39		10.061.4	77	FR 4K-08-05-S	16.324.0	134	R3A-2	26.554.0	101	RP625 8	36.072.0	178
522 MRE	01.203.3	37		11.044.4	93	FR+L 4K-08-05-S	16.325.0	136	R3A-M8	26.555.0	101	RP625 10	36.073.0	178
324 LL90	02.058.4	18		11.066.4	93	MFIL 4K-S	16.326.0	120	E3A-2	26.556.0	101	RP625 12	36.074.0	178
324 ML90	02.059.4	18		11.076.4	94	CFIL 4K-S	16.327.0	122	E3A-M8	26.557.0	101	RP625 14	36.075.0	178
524 LL90	02.060.4	18		11.077.4	94	SR-M4K	16.328.0	138		26.558.0	104	RP700 5-4	36.076.0	179
524 ML90	02.061.4	18		11.095.3	23		16.329.0	150		26.559.0	104	RP700 6-4	36.077.0	179
5243C LL90	02.062.4	19		11.098.3	23	SCR 4K-P	16.330.0	140		26.560.0	104	RP700 6-5	36.078.0	179
5243A LL90	02.063.4	19		11.100.4	95	SCR 4K-E	16.330.3	142		26.561.0	104	RP700 8-4	36.079.0	179
5243P LL90	02.064.4	19	STF 3A	16.011.2	150	AVP 4K-00	16.331.0	144		26.562.0	102	RP700 8-5	36.080.0	179
5243C ML90	02.065.4	19	STF 3B	16.030.0	150	PAI 4K-00	16.332.0	148	R3A-5	26.563.0	101	RP700 8-6	36.081.0	179
5243A ML90	02.066.4	19		16.044.0	116	KIT 4K-00	16.333.0	149		26.582.0	103	RP700 10-6	36.082.0	179
5243P ML90	02.067.4	19	FIL 4N-05-A	16.070.3	154	KIT 4K-01	16.334.0	149	RP020 4 M5	36.001.0	174	RP700 10-8	36.083.0	179
	03.017.4	83	LUB 4N-00	16.071.3	158	VNR 4K	16.335.0	146	RP020 4 1/8	36.002.0	174	RP700 12-4	36.084.0	179
DP 2010 E	03.020.4	81	FR 4N-08-05-A	16.073.3	160		16.337.0	151	RP020 4 1/4	36.003.0	174	RP700 12-6	36.085.0	179
	03.020.4/S	82	FR 4N-08-05-S	16.074.3	160		16.338.0	150	RP020 5 M5	36.004.0	174	RP700 12-8	36.086.0	179
	03.026.4	84	FIL 4N-05-S	16.078.3	154	SCR 3K-E	16.340.3	142	RP020 5 1/8	36.005.0	174	RP700 12-10	36.087.0	179
	03.043.4	85	REG 4N-08	16.079.3	156	REG 3K-08	16.341.0	124	RP020 5 1/4	36.006.0	174	RP700 14-4	36.088.0	179
	03.045.4	78	FR+L 4N-08-05-S	16.084.4	162	FIL 3K-05-S	16.342.0	118	RP020 6 M5	36.007.0	174	RP700 14-6	36.089.0	179
	05.082.2	33	FRL 4N-08-05-S	16.085.4	164	LUB 3K-00	16.343.0	132	RP020 6 1/8	36.008.0	174	RP700 14-8	36.090.0	179
	05.083.2	33	SCR 5N-E	16.088.3	166	FR 3K-08-05-S	16.344.0	134	RP020 6 1/4	36.009.0	174	RP700 14-10	36.091.0	179
	05.084.2	33	SCR 4N-P	16.089.3	166	FR+L 3K-08-05-S	16.345.0	136	RP020 8 1/8	36.010.0	174	RP700 14-12	36.092.0	179
	05.085.2	33	SCR 4N-E	16.090.3	166	MFIL 3K-S	16.346.0	120	RP020 8 1/4	36.011.0	174	RP710 4-6	36.093.0	179
	05.086.2	33	FR+L 5N-08-05-S	16.093.4	162	CFIL 3K-S	16.347.0	122	RP020 8 3/8	36.012.0	174	RP710 6-8	36.094.0	179
	05.087.2	33	FRL 5N-08-05-S	16.094.4	164	SR-M3K	16.348.0	138	RP020 10 1/4	36.013.0	174	RP610 4	36.095.0	177

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RZ610 M5	36.620.0	181	AZLL-G 4 M5	36.771.0	196	AZST-G 6 M5	36.862.0	199	AZCF-G 10 3/8	36.955.0	193	AZIG 6 4	36.1040.0	205
RZ610 1/8	36.621.0	181	AZLL-G 4 1/8	36.772.0	196	AZST-G 6 1/8	36.863.0	199	AZCF-G 10 1/2	36.956.0	193	AZIG 8 6	36.1042.0	205
RZ610 1/4	36.622.0	181	AZLL-G 4 1/4	36.773.0	196	AZST-G 6 1/4	36.864.0	199	AZCF-G 12 1/4	36.957.0	193	AZIG 10 8	36.1044.0	205
RZ610 3/8	36.623.0	181	AZLL-G 6 M5	36.774.0	196	AZST-G 6 3/8	36.865.0	199	AZCF-G 12 3/8	36.958.0	193	AZIG 12 10	36.1046.0	205
RP115 10 1/2	36.638.0	174	AZLL-G 6 1/8	36.775.0	196	AZST-G 8 1/8	36.866.0	199	AZCF-G 12 1/2	36.959.0	193	AZIG 16 12	36.1047.0	205
RC360 1/8	36.639.0	212	AZLL-G 6 1/4	36.776.0	196	AZST-G 8 1/4	36.867.0	199	AZUC 4	36.960.0	197	AZH-G 4 M5	36.1048.0	196
RC360 1/4	36.640.0	212	AZLL-G 6 3/8	36.777.0	196	AZST-G 8 3/8	36.868.0	199	AZUC 6	36.961.0	197	AZH-G 4 1/8	36.1049.0	196
RC360 3/8	36.641.0	212	AZLL-G 8 1/8	36.778.0	196	AZST-G 8 1/2	36.869.0	199	AZUC 8	36.962.0	197	AZH-G 4 1/4	36.1050.0	196
RC360 1/2	36.642.0	212	AZLL-G 8 1/4	36.779.0	196	AZST-G 10 1/8	36.870.0	199	AZUC 10	36.963.0	197	AZH-G 6 M5	36.1051.0	196
RC320 M5	36.643.0	211	AZLL-G 8 3/8	36.780.0	196	AZST-G 10 1/4	36.871.0	199	AZUC 12	36.964.0	197	AZH-G 6 1/8	36.1052.0	196
RC321 1/8	36.644.0	211	AZLL-G 8 1/2	36.781.0	196	AZST-G 10 3/8	36.872.0	199	AZUC 16	36.965.0	197	AZH-G 6 1/4	36.1053.0	196
RC321 1/4	36.645.0	211	AZLL-G 10 1/8	36.782.0	196	AZST-G 10 1/2	36.873.0	199	AZG 6-4	36.966.0	197	AZH-G 6 3/8	36.1054.0	196
VS400 1/8	36.646.0	233	AZLL-G 10 1/4	36.783.0	196	AZST-G 12 1/4	36.874.0	199	AZG 8-6	36.967.0	197	AZH-G 8 1/8	36.1055.0	196
VS400 1/4	36.647.0	233	AZLL-G 10 3/8	36.784.0	196	AZST-G 12 3/8	36.875.0	199	AZG 10-8	36.968.0	197	AZH-G 8 1/4	36.1056.0	196
VS400 3/8	36.648.0	233	AZLL-G 10 1/2	36.785.0	196	AZST-G 12 1/2	36.876.0	199	AZG 12-10	36.969.0	197	AZH-G 8 3/8	36.1057.0	196
VS400 1/2	36.649.0	233	AZLL-G 12 1/4	36.786.0	196	AZST-G 16 3/8	36.878.0	199	AZUL 4	36.970.0	194	AZH-G 8 1/2	36.1058.0	196
VS405 1/8	36.650.0	233	AZLL-G 12 3/8	36.787.0	196	AZST-G 16 1/2	36.879.0	199	AZUL 6	36.971.0	194	AZH-G 10 1/4	36.1059.0	196
VS405 1/4	36.651.0	233	AZLL-G 12 1/2	36.788.0	196	AZWT-G 4 M5	36.880.0	200	AZUL 8	36.972.0	194	AZH-G 10 3/8	36.1060.0	196
VS405 3/8	36.652.0	233	AZMM 4 M12x1	36.792.0	197	AZWT-G 4 1/8	36.881.0	200	AZUL 10	36.973.0	194	AZH-G 10 1/2	36.1061.0	196
VS405 1/2	36.653.0	233	AZMM 6 M14x1	36.793.0	197	AZWT-G 4 1/4	36.882.0	200	AZUL 12	36.974.0	194	AZH-G 12 1/4	36.1062.0	196
VS100 1/8	36.654.0	232	AZMM 8 M16x1	36.794.0	197	AZWT-G 6 M5	36.883.0	200	AZUL 16	36.975.0	194	AZH-G 12 3/8	36.1063.0	196
VS100 1/4	36.655.0	232	AZMM 10 M20x1	36.795.0	197	AZWT-G 6 1/8	36.884.0	200	AZUT 4	36.976.0	198	AZH-G 12 1/2	36.1064.0	196
VS110 1/8	36.656.0	232	AZMM 12 M22x1	36.796.0	197	AZWT-G 6 1/4	36.885.0	200	AZUT 6	36.977.0	198	AZL45-G 4 1/8	36.1070.0	202
VS110 1/4	36.657.0	232	AZC-G 4 M5	36.800.0	192	AZWT-G 6 3/8	36.886.0	200	AZUT 8	36.978.0	198	AZL45-G 4 1/4	36.1071.0	202
RC340 17 3/8	36.659.0	212	AZC-G 4 1/8	36.801.0	192	AZWT-G 8 1/8	36.887.0	200	AZUT 10	36.979.0	198	AZL45-G 6 1/8	36.1073.0	202
RC090 1/2 1/8	36.660.0	209	AZC-G 4 1/4	36.802.0	192	AZWT-G 8 1/4	36.888.0	200	AZUT 12	36.980.0	198	AZL45-G 6 1/4	36.1074.0	202
RG063 4 M5	36.661.0	184	AZC-G 6 M5	36.803.0	192	AZWT-G 8 3/8	36.889.0	200	AZUT 16	36.981.0	198	AZL45-G 8 1/8	36.1076.0	202
RG053 4 M5	36.662.0	184	AZC-G 6 1/8	36.804.0	192	AZWT-G 8 1/2	36.890.0	200	AZY 4	36.982.0	201	AZL45-G 8 1/4	36.1077.0	202
RG073 4 M5	36.663.0	184	AZC-G 6 1/4	36.805.0	192	AZWT-G 10 1/8	36.891.0	200	AZY 6	36.983.0	201	AZL45-G 8 1/2	36.1079.0	202
PA11N 4 2	36.664.0	234	AZC-G 6 3/8	36.806.0	192	AZWT-G 10 1/4	36.892.0	200	AZY 8	36.984.0	201	AZL45-G 10 1/8	36.1080.0	202
PA11N 5 3	36.665.0	234	AZC-G 8 1/8	36.807.0	192	AZWT-G 10 3/8	36.893.0	200	AZY 10	36.985.0	201	AZL45-G 10 1/4	36.1081.0	202
PA11N 6 4	36.666.0	234	AZC-G 8 1/4	36.808.0	192	AZWT-G 10 1/2	36.894.0	200	AZY 12	36.986.0	201	AZL45-G 10 1/2	36.1083.0	202
PA11N 8 6	36.667.0	234	AZC-G 8 3/8	36.809.0	192	AZWT-G 12 1/4	36.895.0	200	AZW 6-4	36.987.0	201	AZL45-G 12 1/4	36.1084.0	202
PA11N 10 8	36.668.0	234	AZC-G 8 1/2	36.810.0	192	AZWT-G 12 3/8	36.896.0	200	AZW 8-6	36.988.0	201	AZL45-G 12 1/2	36.1086.0	202
PA11N 12 10	36.669.0	234	AZC-G 10 1/8	36.811.0	192	AZWT-G 12 1/2	36.897.0	200	AZW 10-8	36.989.0	201	AZUL45 4	36.1087.0	202
PA11N 14 12	36.670.0	234	AZC-G 10 1/4	36.812.0	192	AZKD-G 6-4 1/8	36.901.0	203	AZW 12-10	36.990.0	201	AZUL45 6	36.1088.0	202
PA11N 15 12	36.671.0	234	AZC-G 10 3/8	36.813.0	192	AZKD-G 8-4 1/4	36.902.0	203	AZZA 4	36.991.0	199	AZUL45 8	36.1089.0	202
PA11A 4 2	36.672.0	234	AZC-G 10 1/2	36.814.0	192	AZKD-G 8-6 1/4	36.903.0	203	AZZA 6	36.992.0	199	AZUL45 10	36.1090.0	202
PA11A 5 3	36.673.0	234	AZC-G 12 1/4	36.815.0	192	AZKD-G 10-8 3/8	36.904.0	203	AZZA 8	36.993.0	199	AZUL45 12	36.1091.0	202
PA11A 6 4	36.674.0	234	AZC-G 12 3/8	36.816.0	192	AZSC-G 4 M5	36.905.0	207	AZZA 10	36.994.0	199	AZOC-G 4 1/8	36.1131.0	192
PA11A 8 6	36.675.0	234	AZC-G 12 1/2	36.817.0	192	AZSC-G 4 1/8	36.906.0	207	AZZA 12	36.995.0	199	AZOC-G 4 1/4	36.1132.0	192
PA11A 10 8	36.676.0	234	AZC-G 16 3/8	36.819.0	192	AZSC-G 6 M5	36.908.0	207	AZKG 6-4	36.996.0	203	AZOC-G 6 1/8	36.1134.0	192
PA11A 12 10	36.677.0	234	AZC-G 16 1/2	36.820.0	192	AZSC-G 6 1/8	36.909.0	207	AZKG 8-4	36.997.0	203	AZOC-G 6 1/4	36.1135.0	192
PA11A 14 12	36.678.0	234	AZT-G 4 M5	36.821.0	198	AZSC-G 6 1/4	36.910.0	207	AZKG 8-6	36.998.0	203	AZOC-G 6 3/8	36.1136.0	192
PA11A 15 12	36.679.0	234	AZT-G 4 1/8	36.822.0	198	AZSC-G 8 1/8	36.912.0	207	AZKG 10-6	36.999.0	203	AZOC-G 8 1/8	36.1137.0	192
PU 4 2	36.680.0	234	AZT-G 4 1/4	36.823.0	198	AZSC-G 8 1/4	36.913.0	207	AZKG 10-8	36.1000.0	203	AZOC-G 8 1/4	36.1138.0	192
PU 5 3	36.681.0	234	AZT-G 6 M5	36.824.0	198	AZSC-G 8 3/8	36.914.0	207	AZKJ 6-4	36.1002.0	204	AZOC-G 8 3/8	36.1139.0	192
PU 6 4	36.682.0	234	AZT-G 6 1/8	36.825.0	198	AZSC-G 8 1/2	36.915.0	207	AZKJ 8-4	36.1003.0	204	AZOC-G 8 1/2	36.1140.0	192
PU 8 6	36.683.0	234	AZT-G 6 1/4	36.826.0	198	AZSC-G 10 1/4	36.916.0	207	AZKJ 8-6	36.1004.0	204	AZOC-G 10 1/8	36.1141.0	192
PU 10 8	36.684.0	234	AZT-G 6 3/8	36.827.0	198	AZSC-G 10 3/8	36.917.0	207	AZKJ 10-8	36.1006.0	204	AZOC-G 10 1/4	36.1142.0	192
PU 12 9	36.685.0	234	AZT-G 8 1/8	36.828.0	198	AZSC-G 10 1/2	36.918.0	207	AZGJ 6-4	36.1007.0	202	AZOC-G 10 3/8	36.1143.0	192
PA12N 6 4	36.714.0	235	AZT-G 8 1/4	36.829.0	198	AZSC-G 12 1/4	36.919.0	207	AZGJ 8-4	36.1008.0	202	AZOC-G 10 1/2	36.1144.0	192
PA12A 6 4	36.714.0/A	235	AZT-G 8 3/8	36.830.0	198	AZSC-G 12 3/8	36.920.0	207	AZGJ 8-6	36.1009.0	202	AZOC-G 12 1/4	36.1145.0	192
PA12F 6 4	36.714.0/N	235	AZT-G 8 1/2	36.831.0	198	AZSC-G 12 1/2	36.921.0	207	AZGJ 10-6	36.1010.0	202	AZOC-G 12 3/8	36.1146.0	192
PA12N 8 6	36.715.0	235	AZT-G 10 1/8	36.832.0	198	AZSC-GV 4 1/8	36.923.0	206	AZGJ 10-8	36.1011.0	202	AZOC-G 12 1/2	36.1147.0	192
PA12A 8 6	36.715.0/A	235	AZT-G 10 1/4	36.833.0	198	AZSC-GV 6 1/8	36.926.0	206	AZGJ 12-6	36.1012.0	202	AZLN-G 4 M5	36.1160.0	195
PA12F 8 6	36.715.0/N	235	AZT-G 10 3/8	36.834.0	198	AZSC-GV 6 1/4	36.927.0	206	AZGJ 12-8	36.1013.0	202	AZLN-G 4 1/8	36.1161.0	195
PA12N 10 8	36.716.0	235	AZT-G 10 1/2	36.835.0	198	AZSC-GV 8 1/8	36.929.0	206	AZGJ 12-10	36.1014.0	202	AZLN-G 4 1/4	36.1162.0	195
PA12A 10 8	36.716.0/A	235	AZT-G 12 1/4	36.836.0	198	AZSC-GV 8 1/4	36.930.0	206	AZLJ 4	36.1015.0	204	AZLN-G 6 M5	36.1163.0	195
PA12F 10 8	36.716.0/N	235	AZT-G 12 3/8	36.837.0	198	AZSC-GV 8 3/8	36.931.0	206	AZLJ 6	36.1016.0	204	AZLN-G 6 1/8	36.1164.0	195
PA12N 12 10	36.717.0	235	AZT-G 12 1/2	36.838.0	198	AZSC-GV 8 1/2	36.932.0	206	AZLJ 8	36.1017.0	204	AZLN-G 6 1/4	36.1165.0	195
PA12A 12 10	36.717.0/A	235	AZT-G 16 3/8	36.840.0	198	AZSC-GV 10 1/4	36.933.0	206	AZLJ 10	36.1018.0	204	AZLN-G 6 3/8	36.1166.0	195
AZL-G 4 M5	36.750.0	194	AZT-G 16 1/2	36.841.0	198	AZSC-GV 10 3/8	36.934.0	206	AZLJ 12	36.1019.0	204	AZLN-G 8 1/8	36.1167.0	195
AZL-G 4 1/8	36.751.0	194	AZMF-G 4 1/8	36.842.0	193	AZSC-GV 10 1/2	36.935.0	206	AZYJ 4 4	36.1020.0	201	AZLN-G 8 1/4	36.1168.0	195
AZL-G 4 1/4	36.752.0	194	AZMF-G 4 1/4	36.843.0	193	AZSC-GV 12 1/4	36.936.0	206	AZYJ 6 6	36.1021.0	201	AZLN-G 8 3/8	36.1169.0	195
AZL-G 6 M5	36.753.0	194	AZMF-G 6 1/8	36.844.0	193	AZSC-GV 12 3/8	36.937.0	206	AZYJ 8 8	36.1022.0	201	AZLN-G 8 1/2	36.1170.0	195
AZL-G 6 1/8	36.754.0	194	AZMF-G 6 1/4	36.845.0	193	AZSC-GV 12 1/2	36.938.0	206	AZYJ 10 10	36.1023.0	201	AZLN-G 10 1/8	36.1171.0	195
AZL-G 6 1/4	36.755.0	194	AZMF-G 6 3/8	36.846.0	193	NSF 4	36.939.0	206	AZYJ 12 12	36.1024.0	201	AZLN-G 10 1/4	36.1172.0	195
AZL-G 6 3/8	36.756.0	194	AZMF-G 8 1/8	36.847.0	193	NSF 6	36.940.0	206	AZWJ 6-4	36.1025.0	200	AZLN-G 10 3/8	36.1173.0	195
AZL-G 8 1/8	36.757.0	194	AZMF-G 8 1/4	36.848.0	193	NSF 8	36.941.0	206	AZWJ 8-6	36.1026.0	200	AZLN-G 10 1/2	36.1174.0	195
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AZL-G 8 3/8	36.759.0	194	AZMF-G 8 1/2	36.850.0	193	NSF 12	36.943.0	206	AZWJ 12-10	36.1028.0	200	AZLN-G 12 3/8	36.1176.0	195
AZL-G 8 1/2	36.760.0	194	AZMF-G 10 1/8	36.851.0	193	AZCF-G 4 1/8	36.944.0	193	AZIJ 6	36.1030.0	205	AZLN-G 12 1/2	36.1177.0	195
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AZL-G 10 1/4	36.762.0	194	AZMF-G 10 3/8	36.853.0	193	AZCF-G 6 1/8	36.946.0	193	AZIJ 10	36.1032.0	205	AZLN-G 16 1/2	36.1179.0	195
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