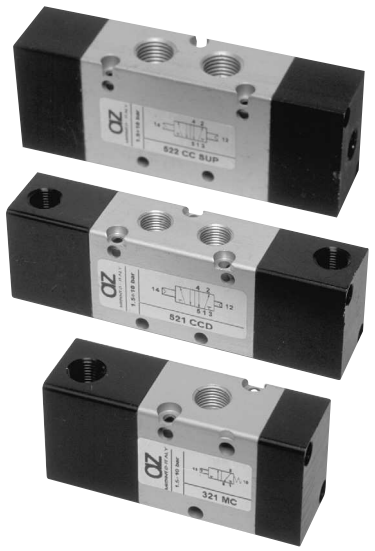
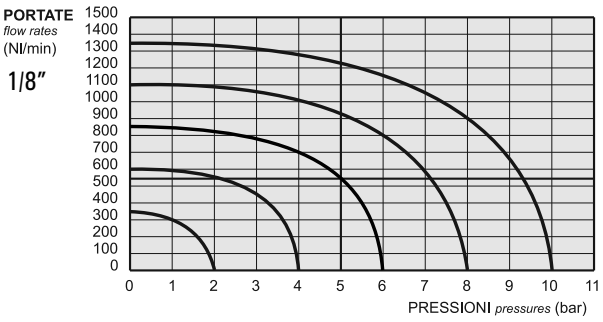
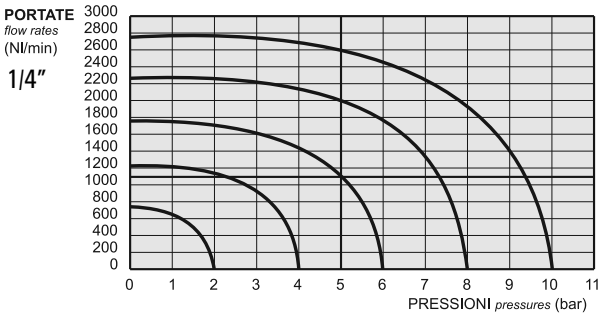
valvole ad azionamento pneumatico

pneumatically piloted valves

- Valvole a spola 3/2-5/2-5/3 con attacchi filettati G1/8"-G1/4"
  3/2-5/2-5/3 spool valves with G1/8"-G1/4" threaded ports
- Montaggio in linea, su collettori multipli o su basi manifold (pag. 192-201)
  Installation in-line, gang or manifold mounted (refer to pages 192-201)
- Ampia gamma di azionamenti
  Comprehensive range of actuations
- Versioni con elemento logico integrato
  Versions with integrated logic element
- Esecuzioni speciali a richiesta
  Special versions on request







Materiali

Corpo: alluminio 11S
Comando e fondello: tecnopolimero (*)
Molle: INOX
Guarnizioni: NBR
Spola: alluminio nichelato
Parti interne: ottone OT58

Materials

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

(*) Su richiesta e dietro supplemento di prezzo, le valvole sono fornibili con corpo, comando e fondello interamente in alluminio. Alcune valvole, come di seguito specificato, sono disponibili solo nella versione in alluminio. Le valvole ATEX sono solo in alluminio.
Le parti in tecnopolimero recano impresso il logo

(*) On request and upon extra charge, the valves are available also with body and end caps entirely in aluminium. Some valves, as specified in the next pages, are available only in the aluminium version. ATEX valves are only in aluminium.
The parts in technopolymer are marked with the logo

Tempi di risposta - ***response times***

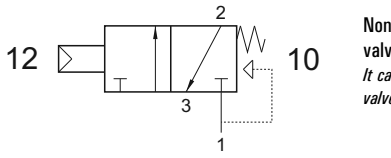
	1/8"	1/4"
monostabile *mono-stable*	TRA (14): 6 ms TRR (12): 15 ms	TRA (14): 7 ms TRR (12): 15 ms
bistabile *bi-stable*	TRA (14): 7 ms TRR (12): 7 ms	TRA (14): 7 ms TRR (12): 7 ms

Diametro nominale *Nominal orifice*	1/8": 5 mm 1/4": 7.5 mm	
Temperatura di esercizio *Temperature range*	max +60°C	
Pressione di esercizio *Working pressure*	monostabile *[mono-stable]* 2.5 ... 10 bar 0.25 ... 1 MPa	bistabile *[bi-stable]* -0.9 ... 10 bar -0.09 ... 1 MPa
Pressione di azionamento *Actuating pressure*	monostabile *[mono-stable]* 2.5 ... 10 bar 0.25 ... 1 MPa	bistabile *[bi-stable]* 1 ... 10 bar 0.1 ... 1 MPa
Fluido *Fluid*	Aria filtrata 50μ con o senza lubrificazione *50μ filtered, lubricated or non lubricated air*	

321 MC

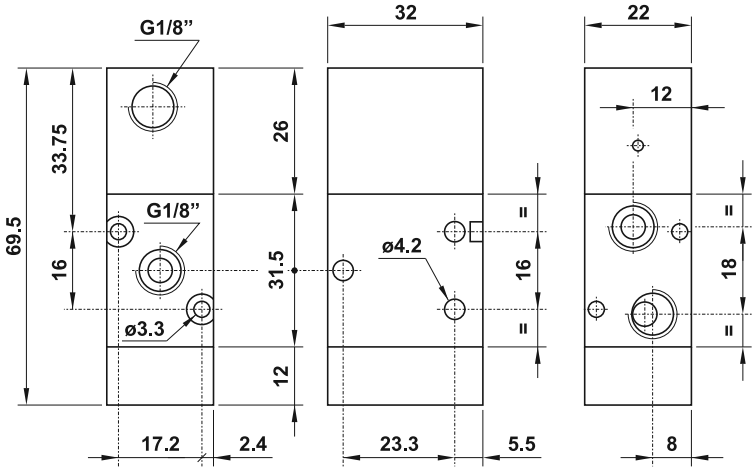
3/2 1/8" NC comando pneumatico - ritorno a molla

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



Non può essere utilizzata come valvola normalmente aperta.

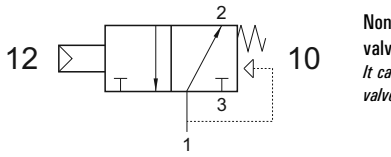
It cannot be used as normally open valve.



321 MCA

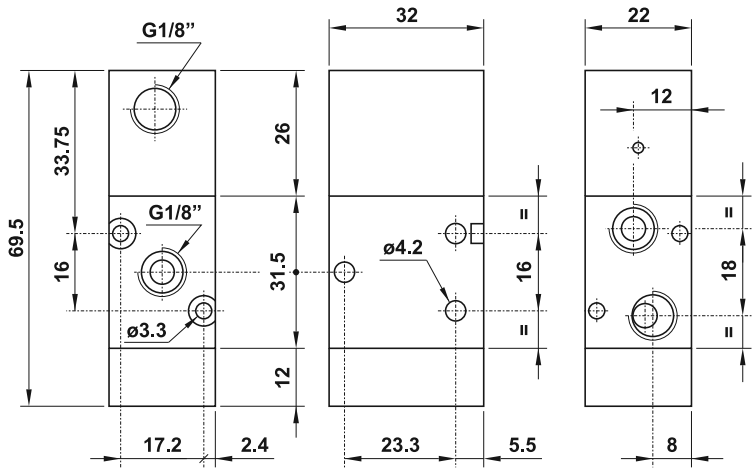
3/2 1/8" NA comando pneumatico - ritorno a molla

3/2 1/8" NO pneumatic pilot - spring return



Non può essere utilizzata come valvola normalmente chiusa.

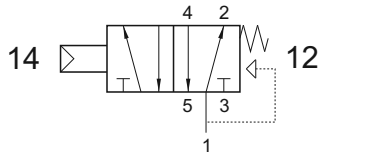
It cannot be used as normally closed valve.

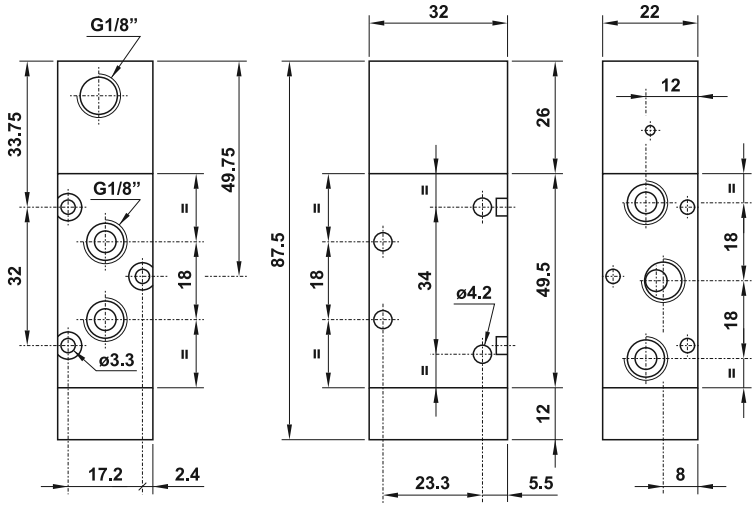


521 MC

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

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

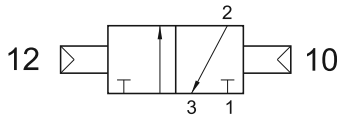




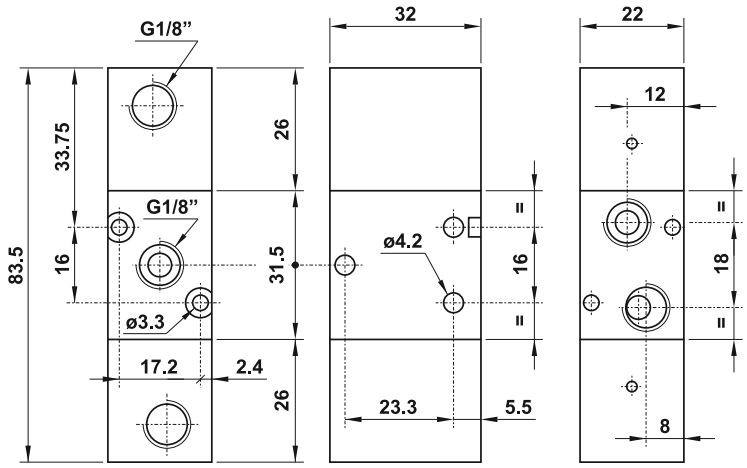
1

321 CC

3/2 1/8" doppio comando pneumatico
3/2 1/8" double pneumatic pilot

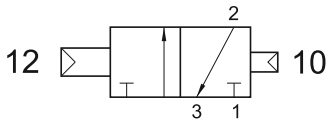


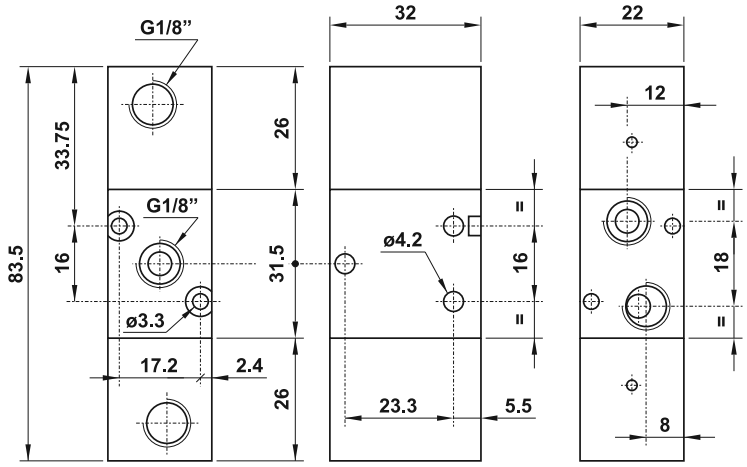
Può essere utilizzata con vuoto.
It can be used with vacuum.



321 CCD

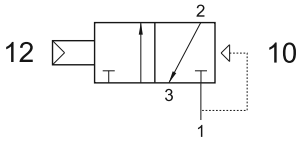
3/2 1/8" doppio comando pneumatico - con differenziale
3/2 1/8" double pneumatic pilot - with differential



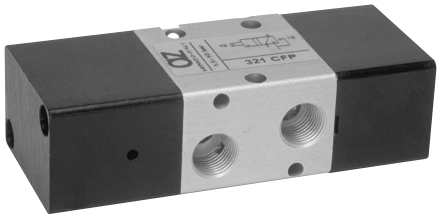


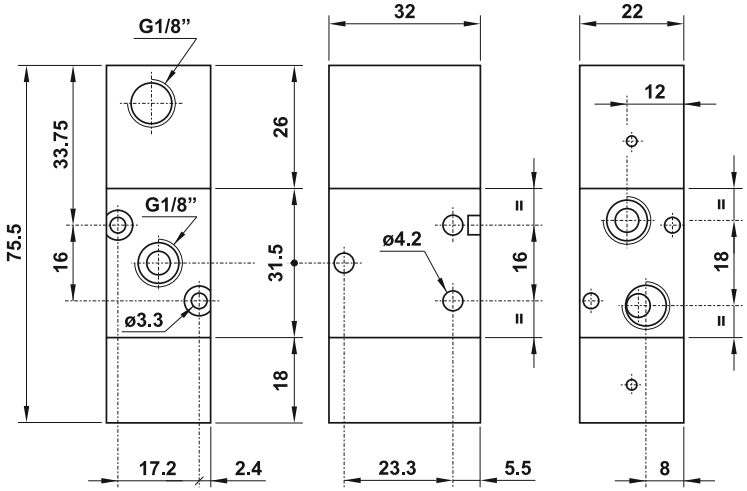
321 CFP

3/2 1/8" NC comando pneumatico - ritorno a molla pneumatica
3/2 1/8" NC pneumatic pilot - pneumatic spring return



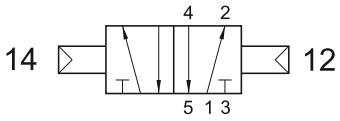
Non può essere utilizzata come valvola normalmente aperta.
It cannot be used as normally open valve.



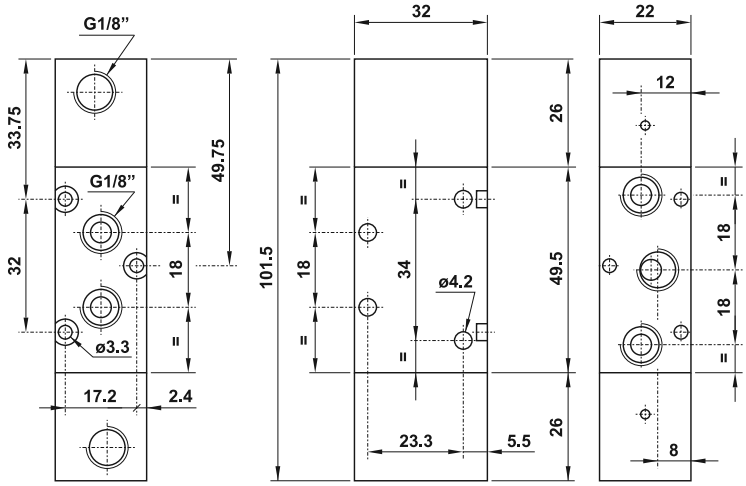


521 CC

5/2 1/8" doppio comando pneumatico
5/2 1/8" double pneumatic pilot

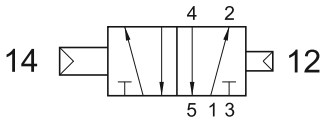


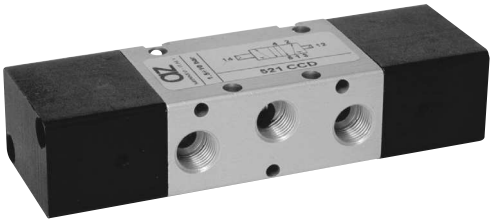
Può essere utilizzata con vuoto.
It can be used with vacuum.

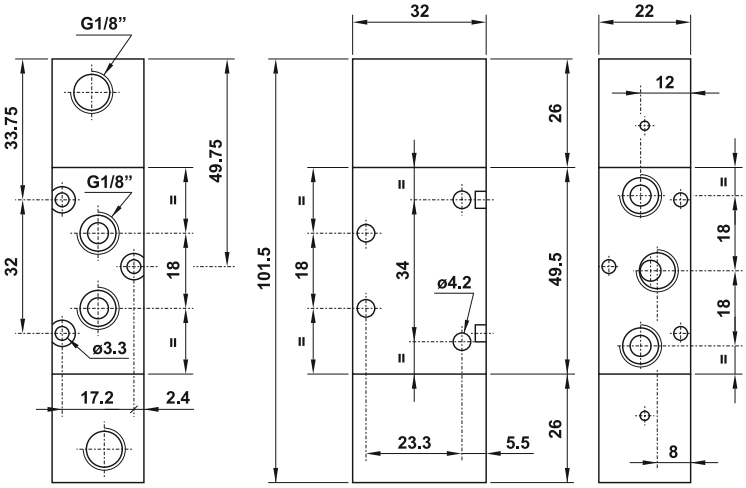


521 CCD

5/2 1/8" doppio comando pneumatico - con differenziale
5/2 1/8" double pneumatic pilot - with differential

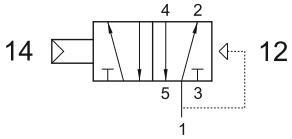


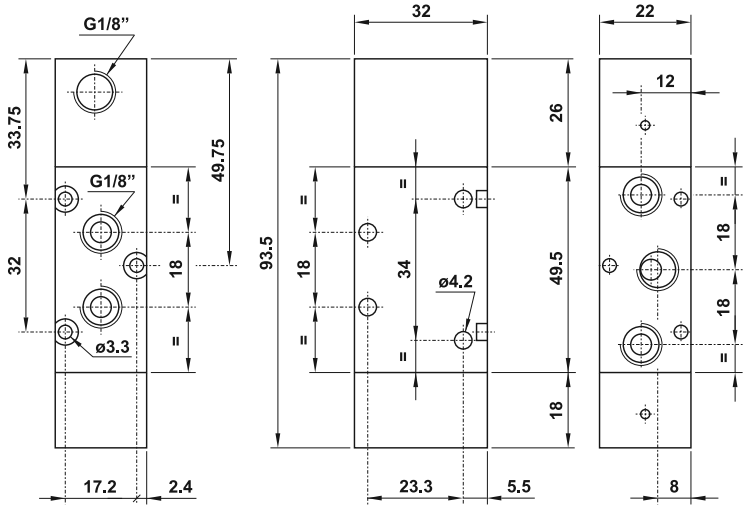




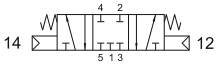
521 CFP

5/2 1/8" comando pneumatico - ritorno a molla pneumatica
5/2 1/8" pneumatic pilot - pneumatic spring return

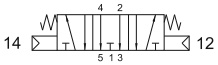




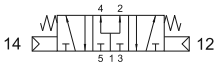
5213C CC
centri chiusi
closed centres



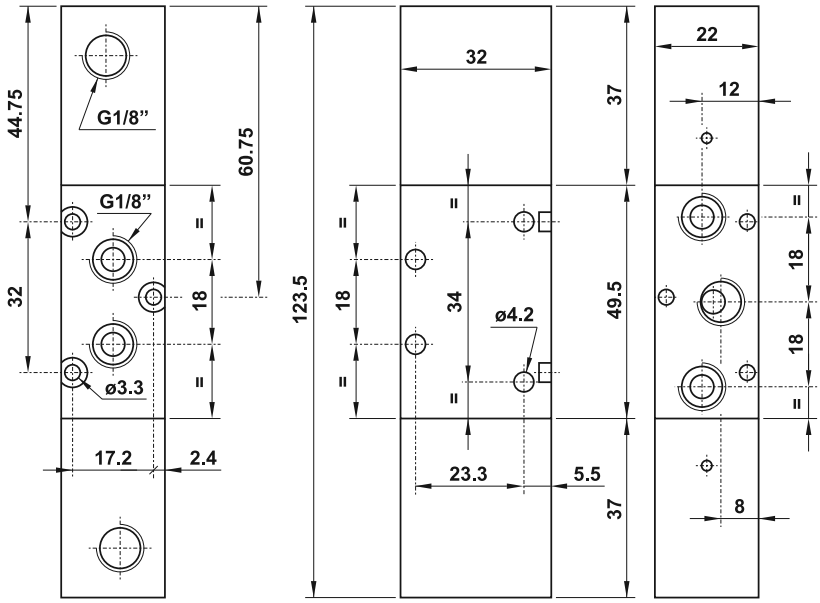
5213A CC
centri aperti
open centres



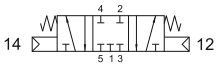
5213P CC
centri in pressione
pressurized centres



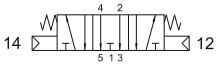
5/3 1/8" doppio comando pneumatico
5/3 1/8" double pneumatic pilot



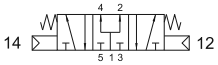
5223C CC
centri chiusi
closed centres



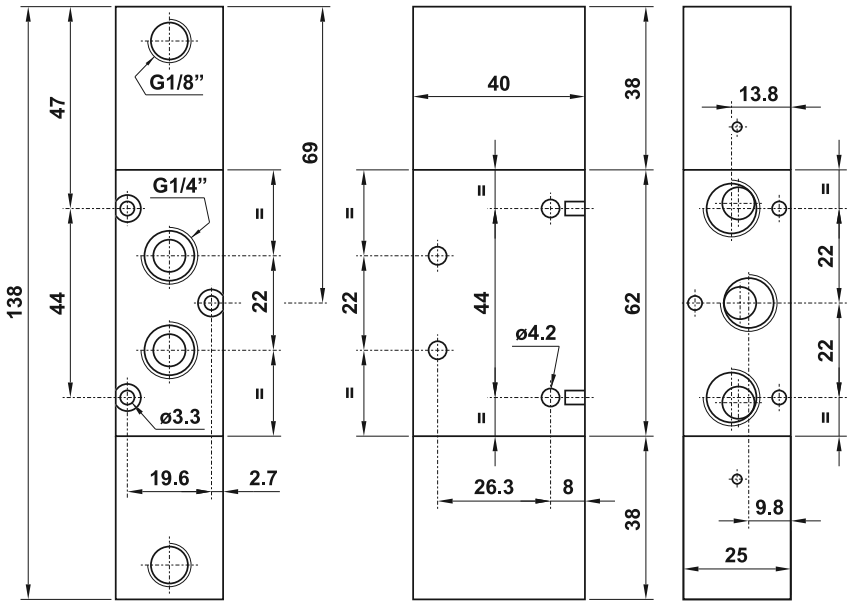
5223A CC
centri aperti
open centres



5223P CC
centri in pressione
pressurized centres

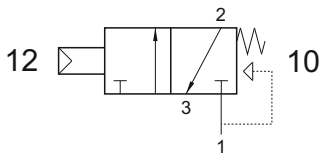


5/3 1/4" doppio comando pneumatico
5/3 1/4" double pneumatic pilot

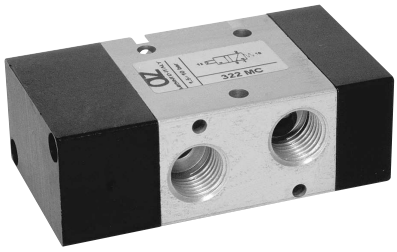


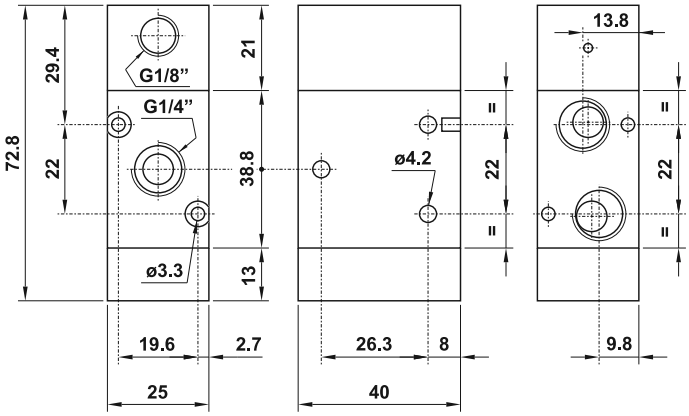
322 MC

3/2 1/4" NC comando pneumatico - ritorno a molla
3/2 1/4" NC pneumatic pilot - spring return



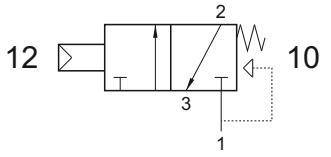
Non può essere utilizzata come valvola normalmente aperta.
It cannot be used as normally open valve.



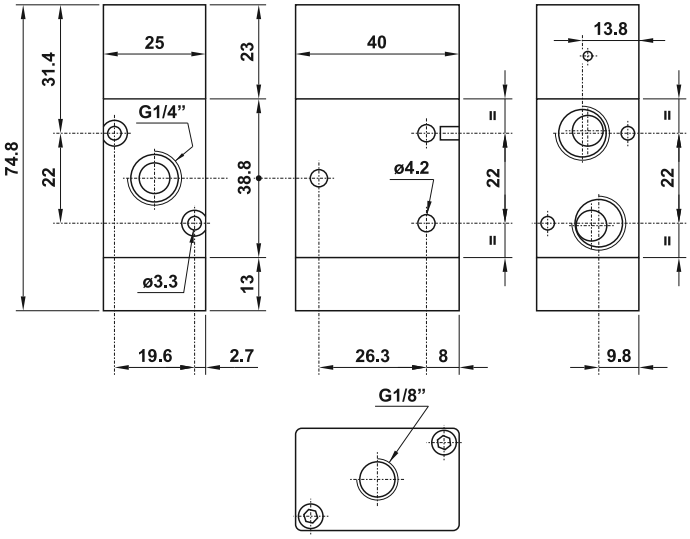


322 MC SUP

3/2 1/4" NC comando pneumatico attacco superiore - ritorno a molla
3/2 1/4" NC pneumatic pilot on the top - spring return

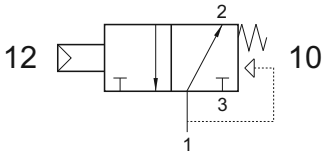


Non può essere utilizzata come valvola normalmente aperta.
It cannot be used as normally open valve.

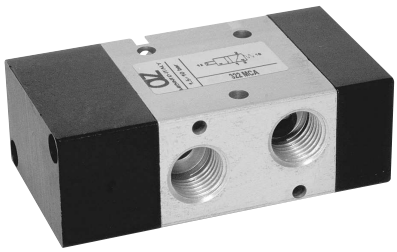


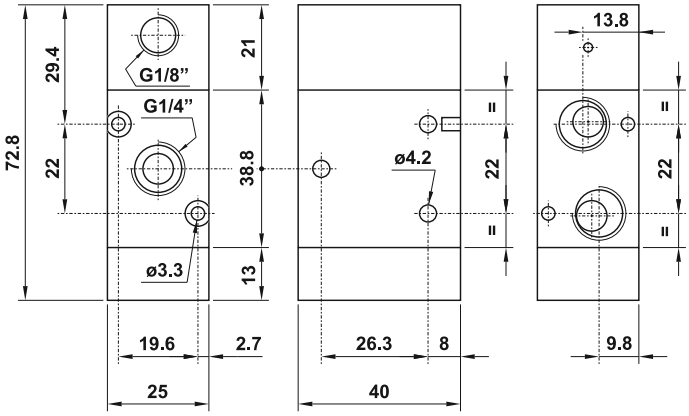
322 MCA

3/2 1/4" NA comando pneumatico - ritorno a molla
3/2 1/4" NO pneumatic pilot - spring return



Non può essere utilizzata come valvola normalmente chiusa.
It cannot be used as normally closed valve.

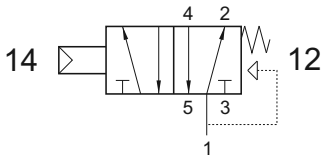


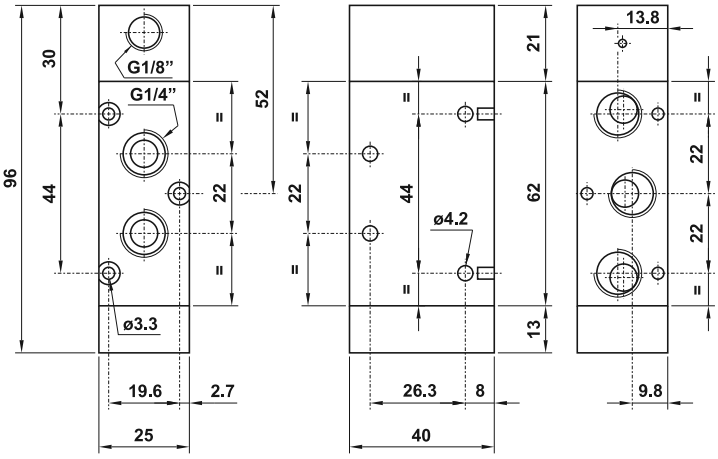


1

522 MC

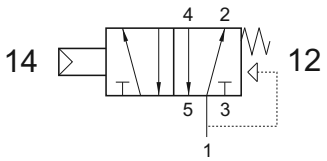
5/2 1/4" comando pneumatico - ritorno a molla
5/2 1/4" pneumatic pilot - spring return

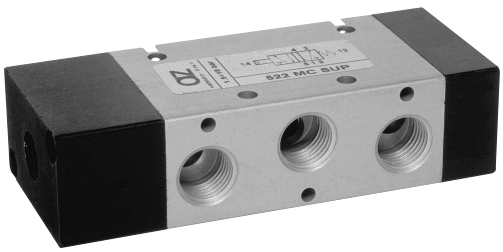


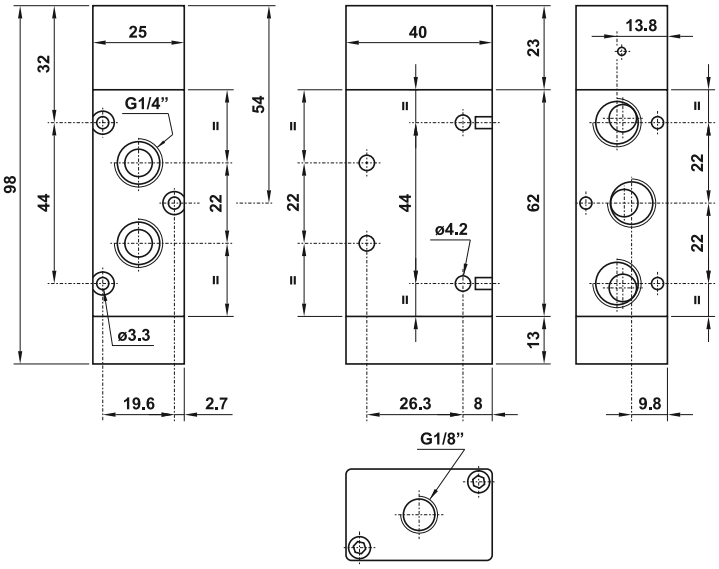


522 MC SUP

5/2 1/4" comando pneumatico attacco superiore - ritorno a molla
5/2 1/4" pneumatic pilot on the top - spring return

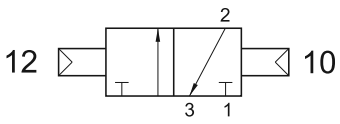




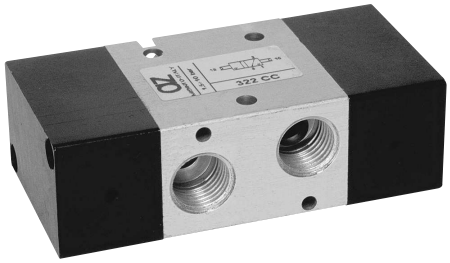


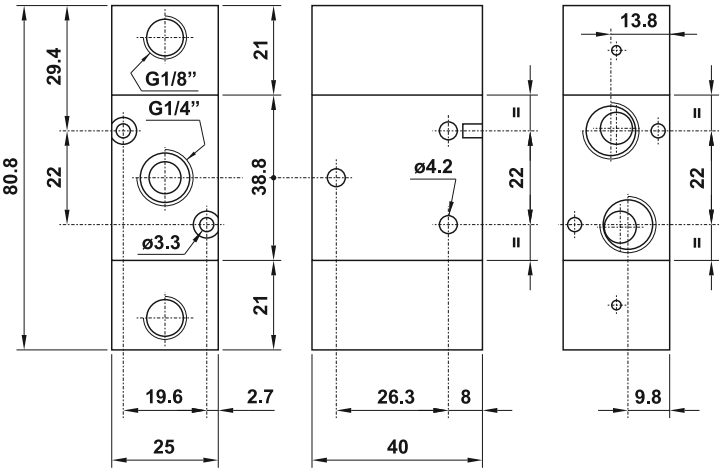
322 CC

3/2 1/4" doppio comando pneumatico
3/2 1/4" double pneumatic pilot



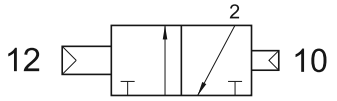
Può essere utilizzata con vuoto.
It can be used with vacuum.

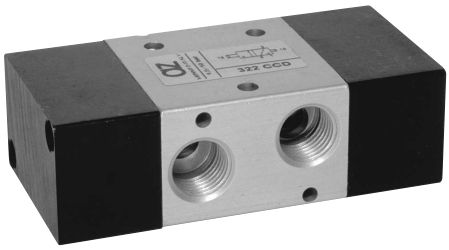


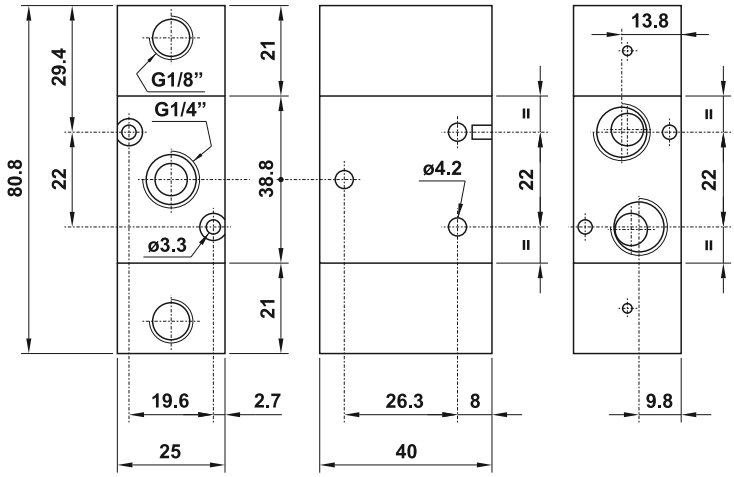


322 CCD

3/2 1/4" doppio comando pneumatico - con differenziale
3/2 1/4" double pneumatic pilot - with differential

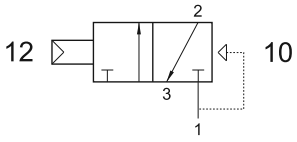




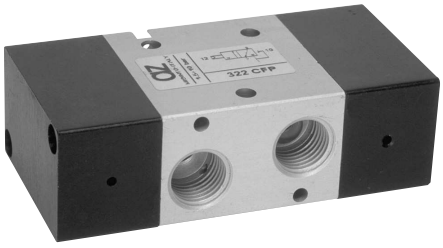


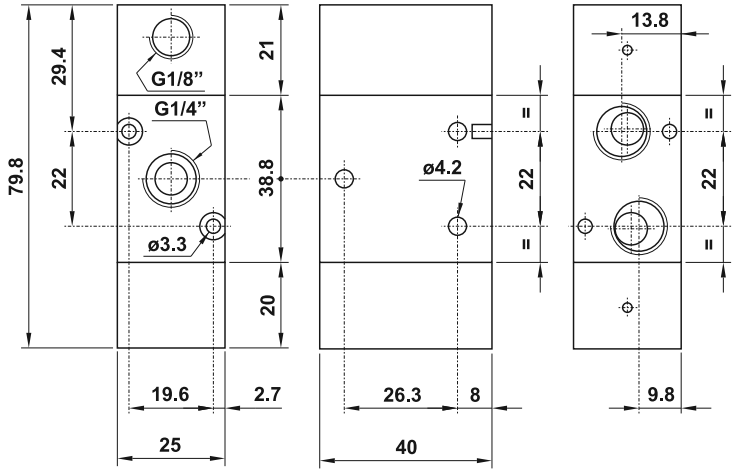
322 CFP

3/2 1/4" NC comando pneumatico - ritorno a molla pneumatica
3/2 1/4" NC pneumatic pilot - pneumatic spring return



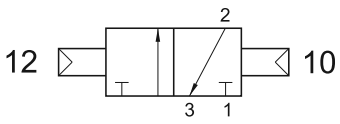
Non può essere utilizzata come valvola normalmente aperta.
It cannot be used as normally open valve.



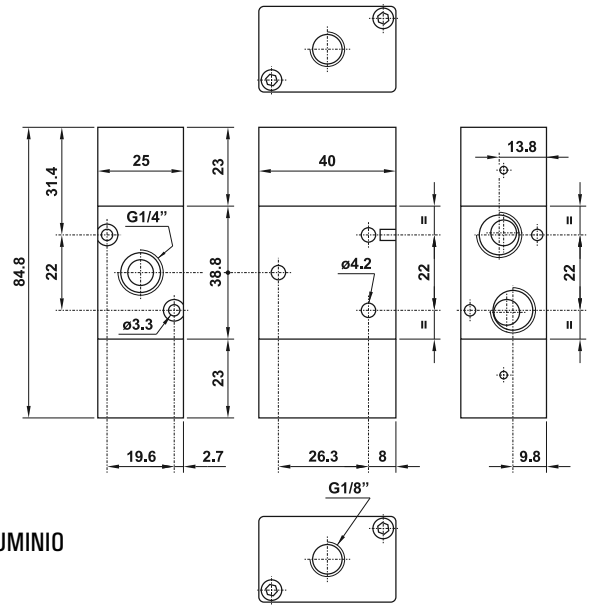


322 CC SUP

3/2 1/4" doppio comando pneumatico attacco superiore
3/2 1/4" double pneumatic pilot on the top



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



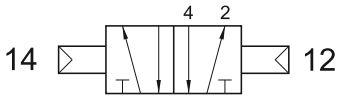
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION

1

522 CC

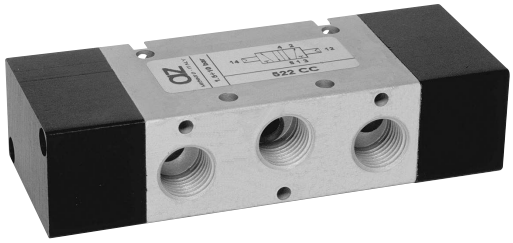
5/2 1/4" doppio comando pneumatico

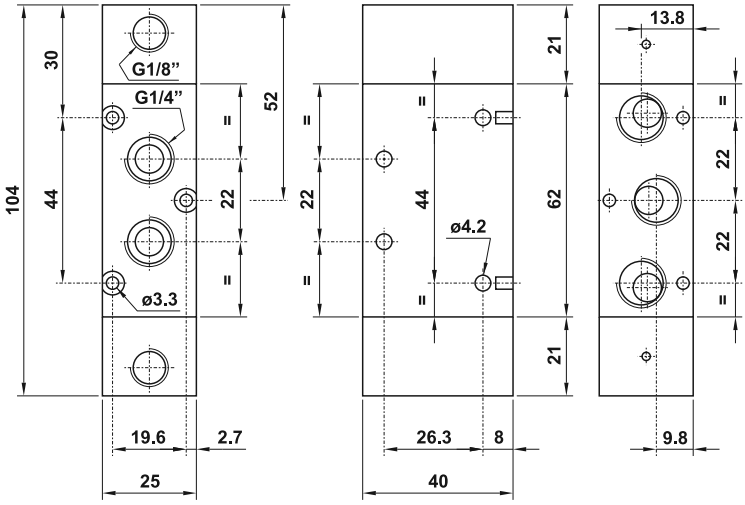
5/2 1/4" double pneumatic pilot



Può essere utilizzata con vuoto.

It can be used with vacuum.

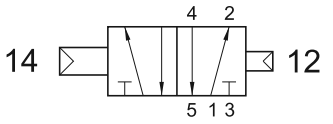


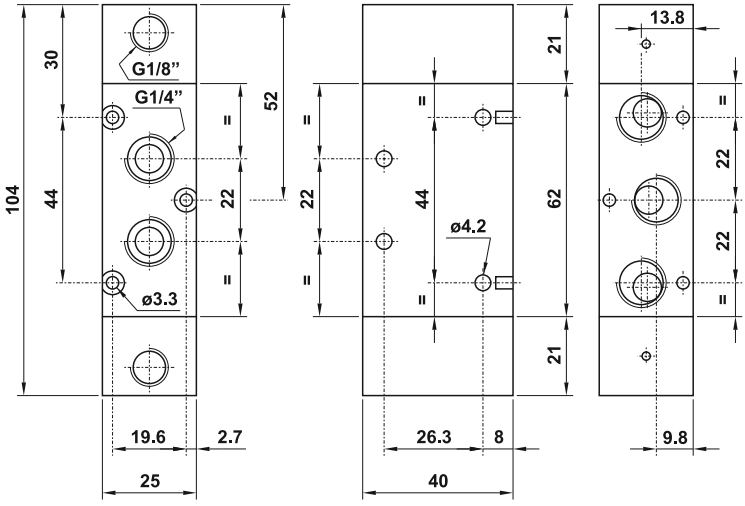


522 CCD

5/2 1/4" doppio comando pneumatico - con differenziale

5/2 1/4" double pneumatic pilot - with differential

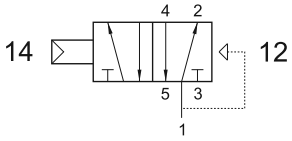


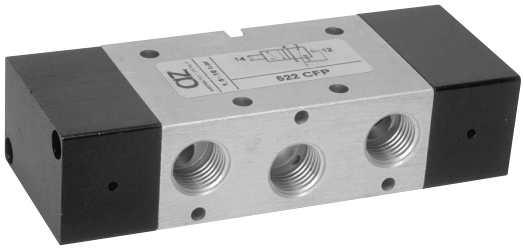


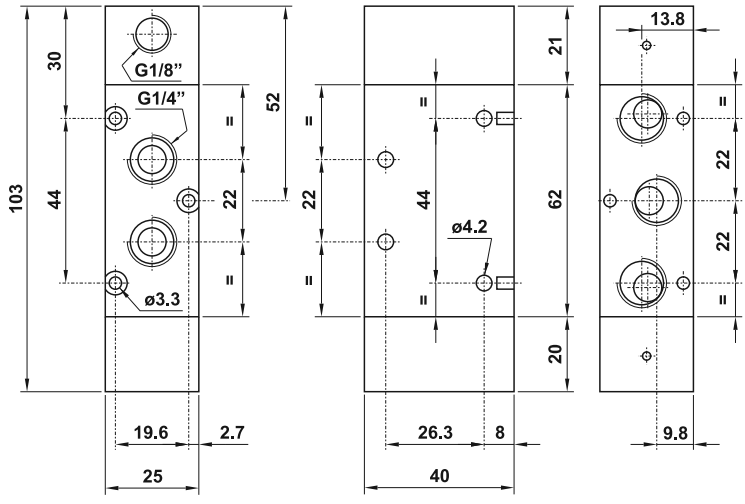
522 CFP

5/2 1/4" comando pneumatico - ritorno a molla pneumatica

5/2 1/4" pneumatic pilot - pneumatic spring return

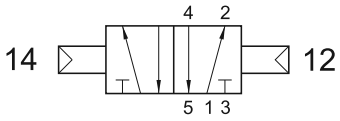




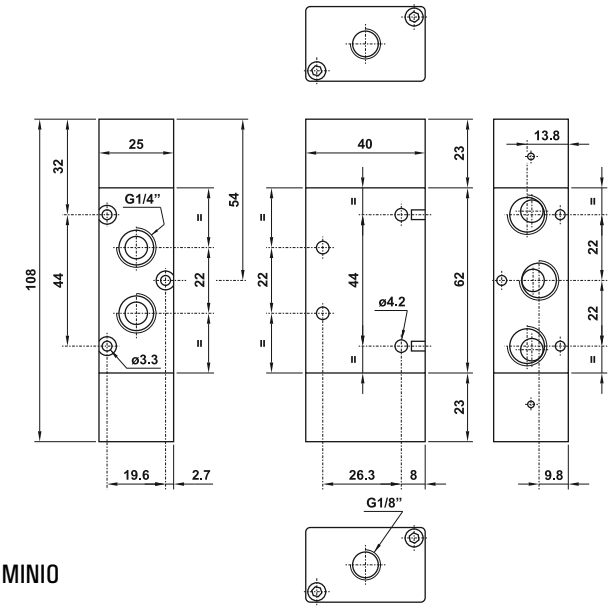


522 CC SUP

5/2 1/4" doppio comando pneumatico attacco superiore
5/2 1/4" double pneumatic pilot on the top



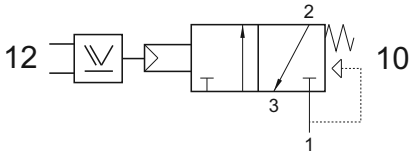
Può essere utilizzata con vuoto.
It can be used with vacuum.



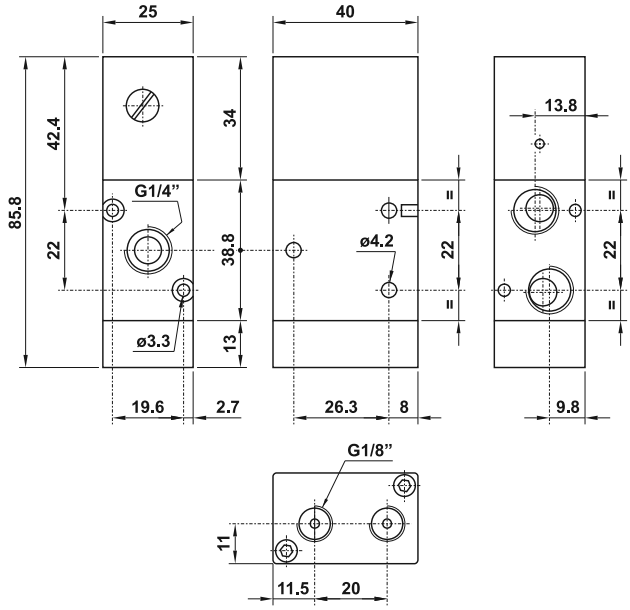
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION

322 ORM

3/2 1/4" NC comando pneum. con elem. OR integrato - ritorno a molla
3/2 1/4" NC pneumatic pilot with integrated OR element - spring return

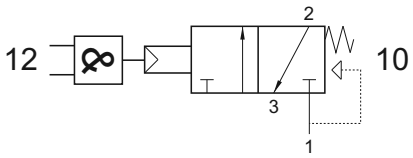


Non può essere utilizzata come valvola normalmente aperta.
It cannot be used as normally open valve.

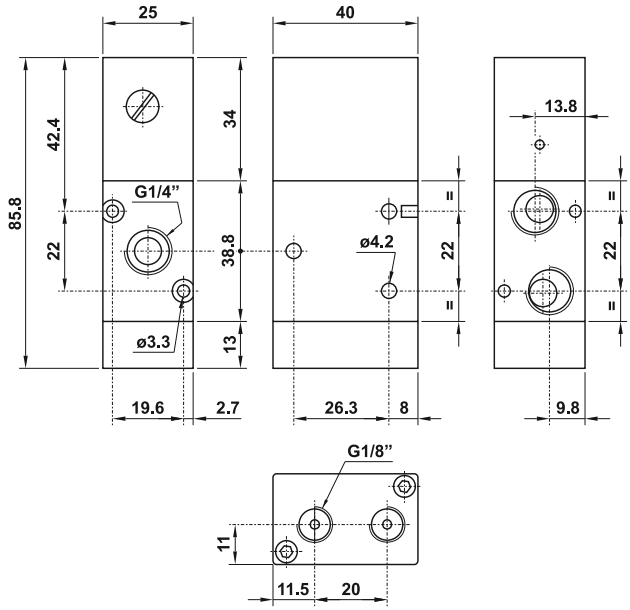


322 ANDM

3/2 1/4" NC comando pneum. con elem. AND integrato - ritorno a molla
3/2 1/4" NC pneumatic pilot with integrated AND element - spring return

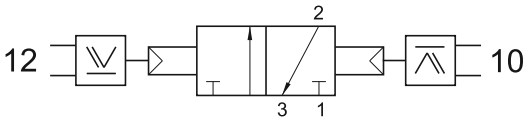


Non può essere utilizzata come valvola normalmente aperta.
It cannot be used as normally open valve.



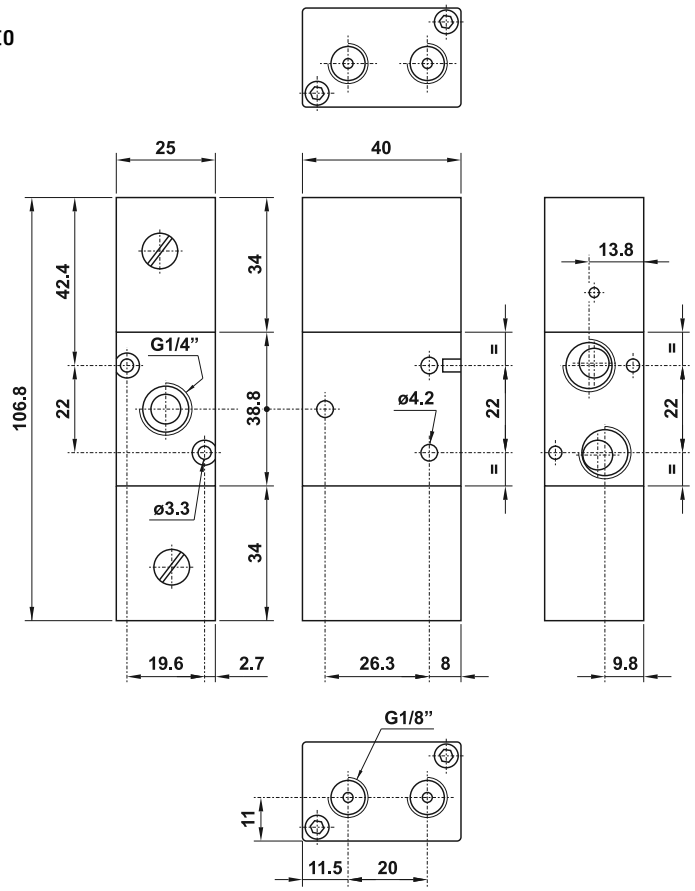
322 2OR

3/2 1/4" doppio comando pneumatico con elemento OR integrato
3/2 1/4" double pneumatic pilot with integrated OR element



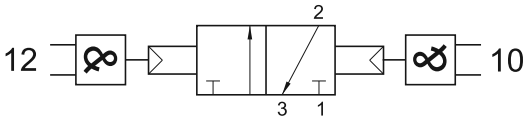
1

SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION

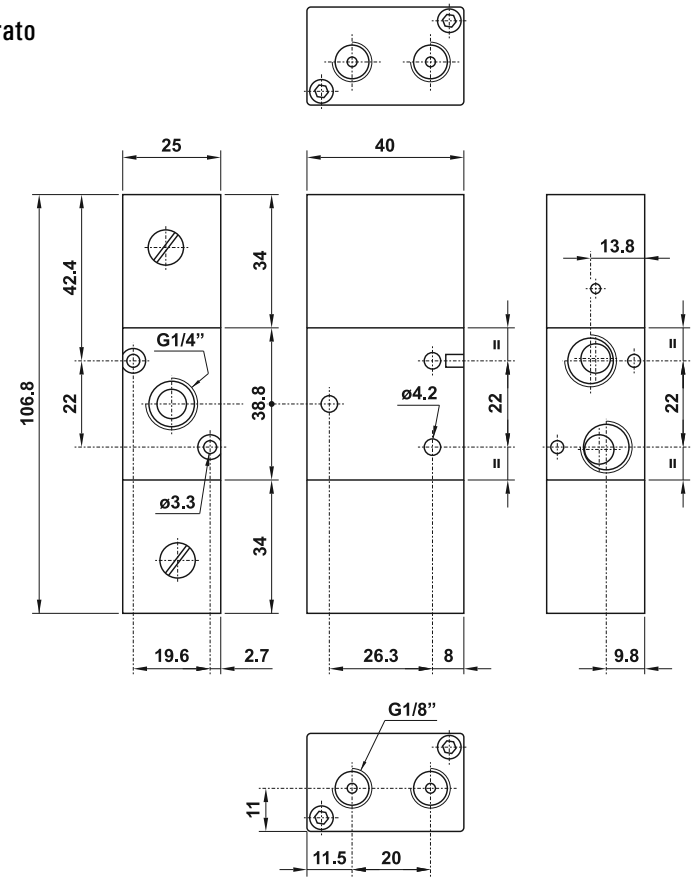


322 2AND

3/2 1/4" doppio comando pneumatico con elemento AND integrato
3/2 1/4" double pneumatic pilot with integrated AND element

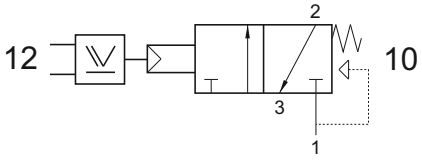


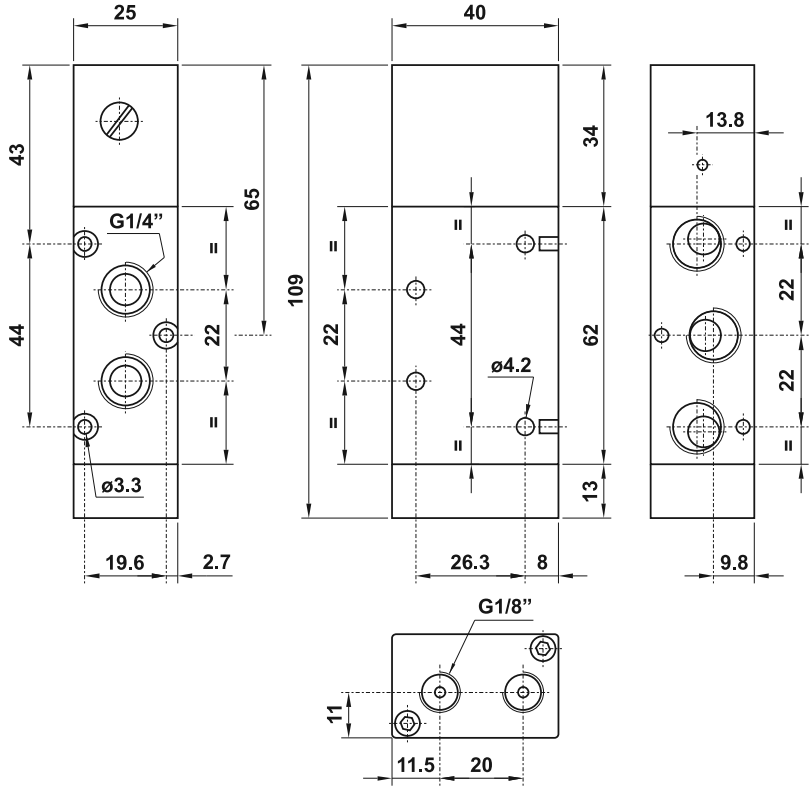
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



522 ORM

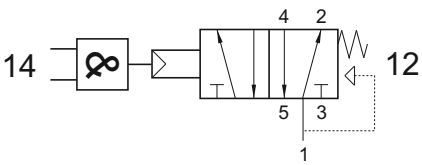
5/2 1/4" comando pneum. con elemento OR integrato - ritorno a molla
5/2 1/4" pneumatic pilot with integrated OR element - spring return

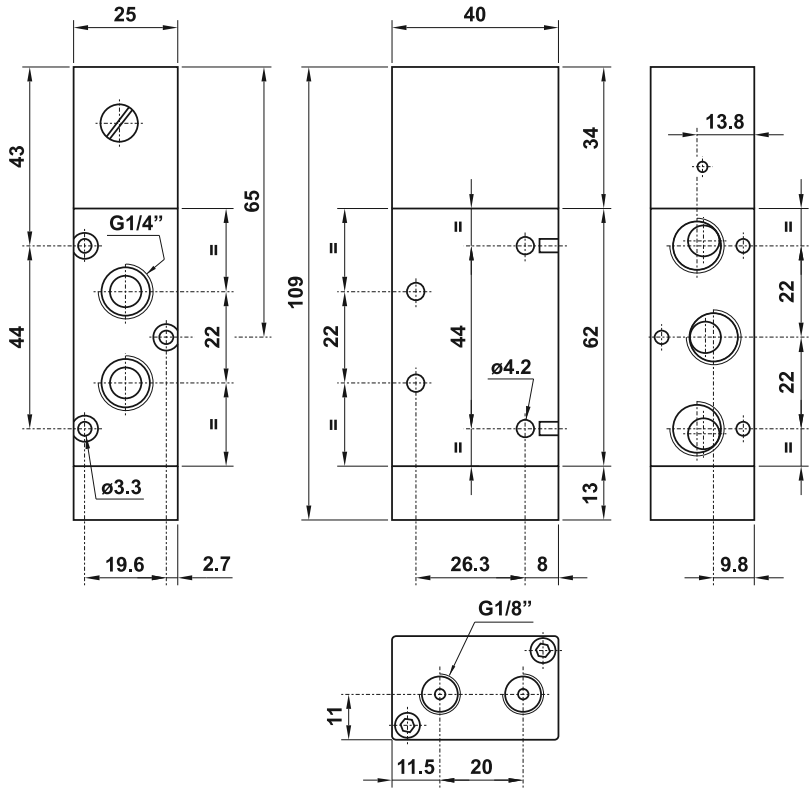




522 ANDM

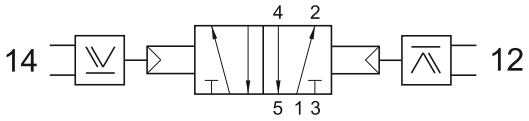
5/2 1/4" comando pneum. con elem. AND integrato - ritorno a molla
5/2 1/4" pneumatic pilot with integrated AND element - spring return



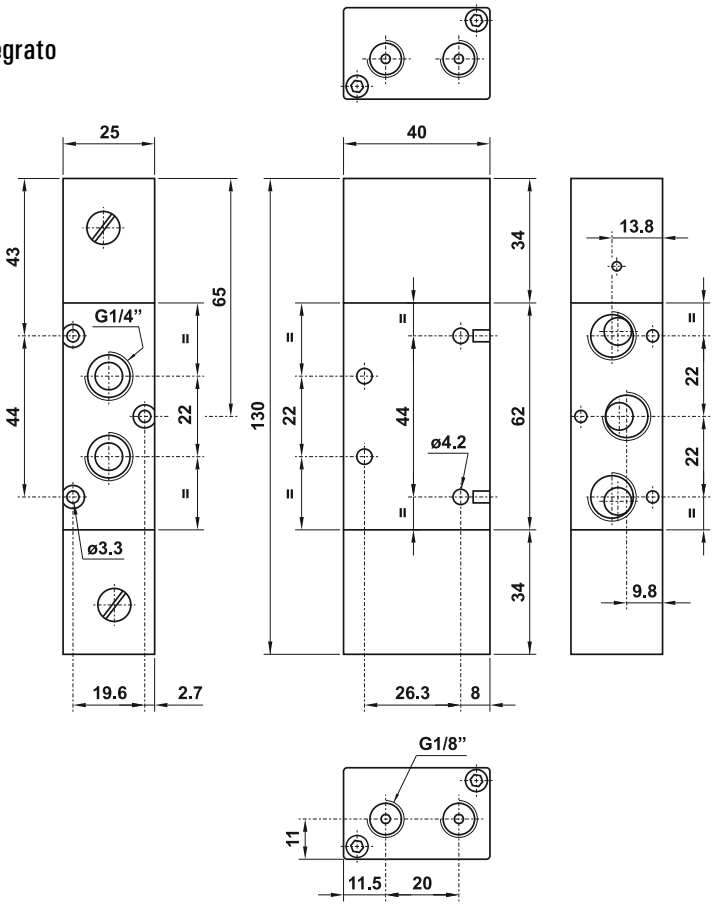


522 2OR

5/2 1/4" doppio comando pneumatico con elemento OR integrato
5/2 1/4" double pneumatic pilot with integrated OR element

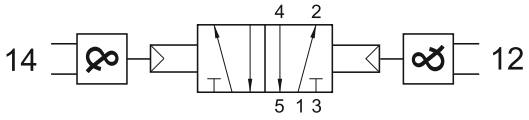


SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION

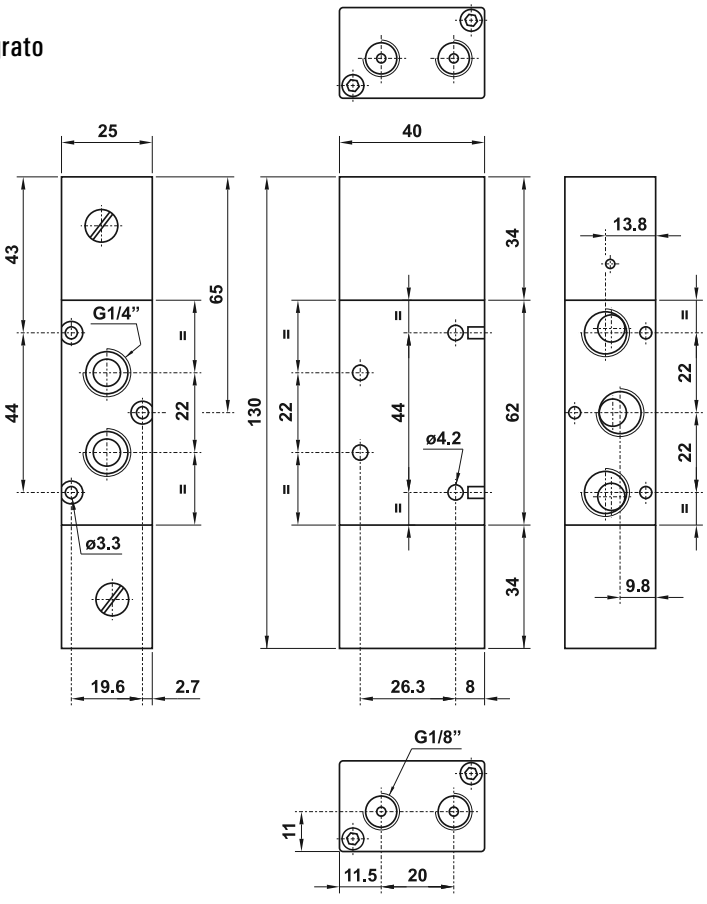


522 2AND

5/2 1/4" doppio comando pneumatico con elemento AND integrato
5/2 1/4" double pneumatic pilot with integrated AND element

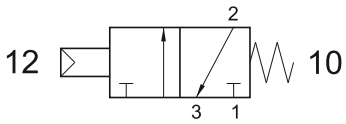


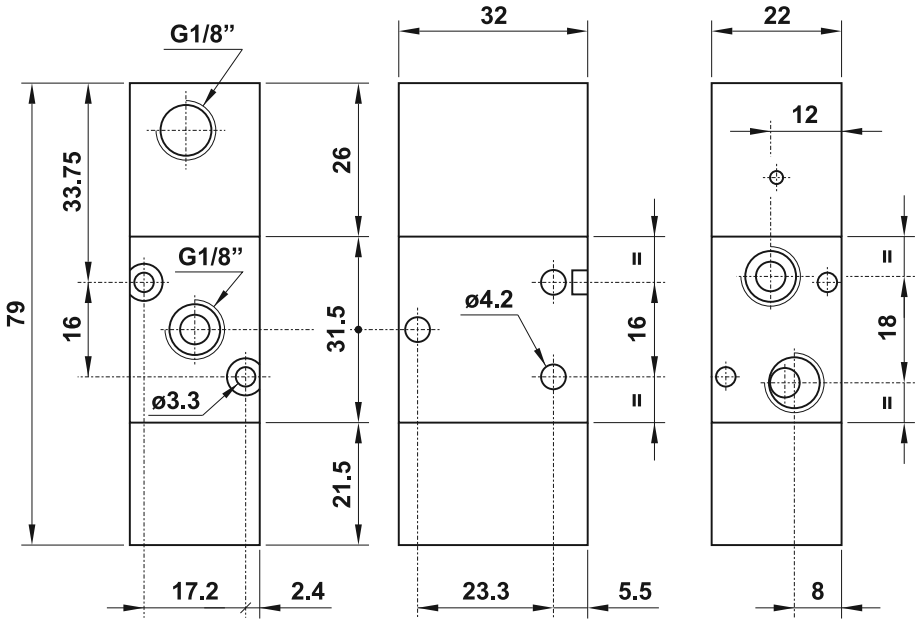
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



321 MRC

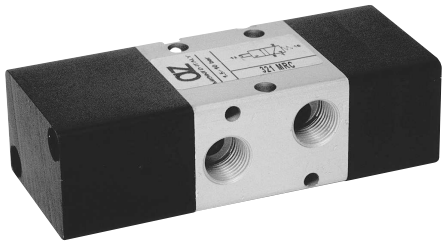
3/2 1/8" comando pneumatico - ritorno a molla FONDELLO RINFORZATO
3/2 1/8" pneumatic pilot - REINFORCED spring return





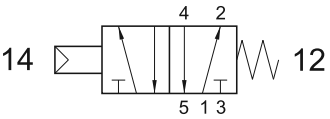
Pressione di esercizio: –0.9 ... 10 bar
Working pressure: –0.9 ... 10 bar

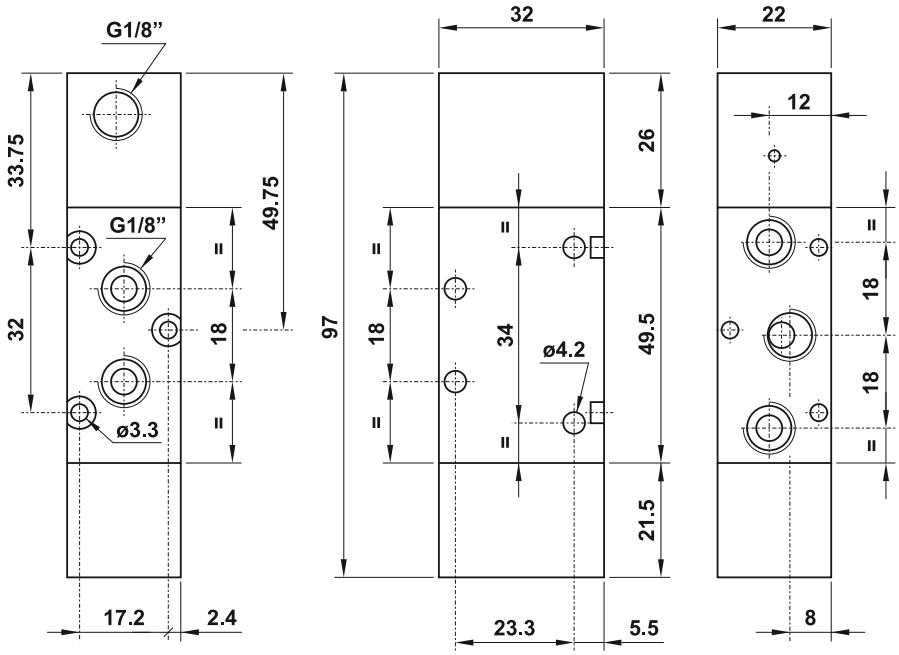
Pressione di azionamento: 2.5 ... 10 bar
Actuating pressure: 2.5 ... 10 bar



521 MRC

5/2 1/8" comando pneumatico - ritorno a molla FONDELLO RINFORZATO
5/2 1/8" pneumatic pilot - REINFORCED spring return



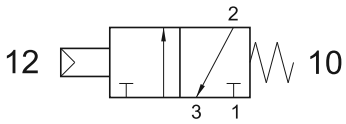


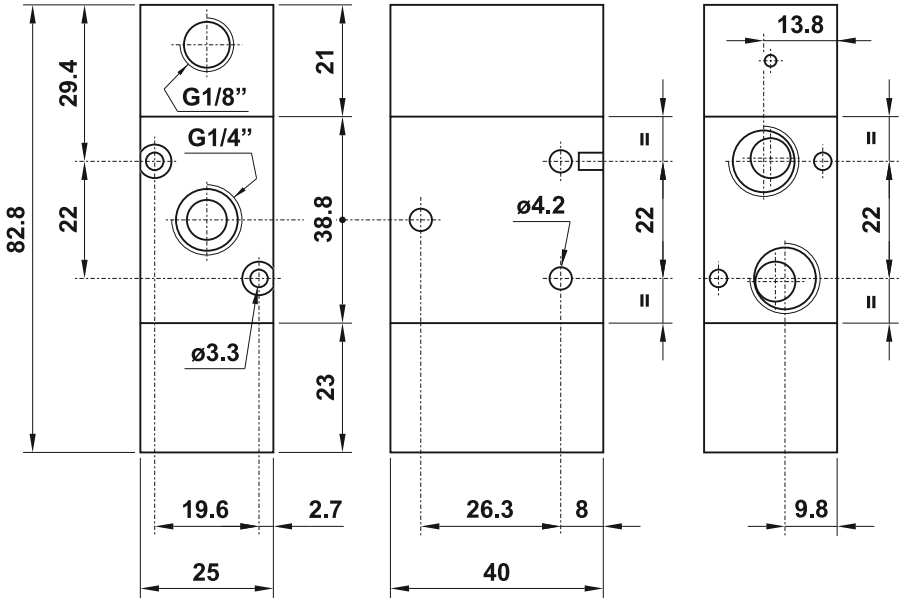
Pressione di esercizio: –0.9 ... 10 bar
Working pressure: –0.9 ... 10 bar

Pressione di azionamento: 2.5 ... 10 bar
Actuating pressure: 2.5 ... 10 bar

322 MRC

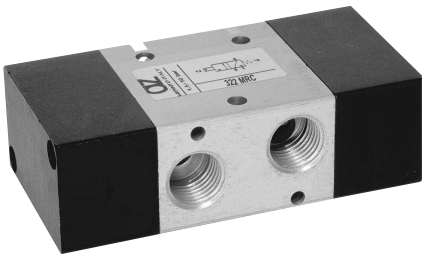
3/2 1/4" comando pneumatico - ritorno a molla FONDELLO RINFORZATO
3/2 1/4" pneumatic pilot - REINFORCED spring return





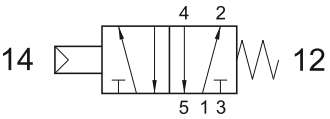
Pressione di esercizio: –0.9 ... 10 bar
Working pressure: –0.9 ... 10 bar

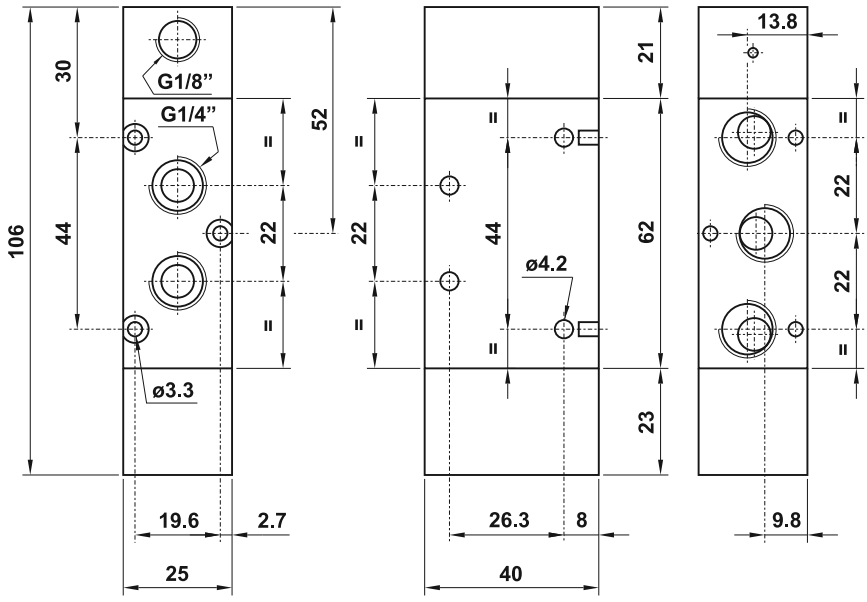
Pressione di azionamento: 2.5 ... 10 bar
Actuating pressure: 2.5 ... 10 bar



522 MRC

5/2 1/4" comando pneumatico - ritorno a molla FONDELLO RINFORZATO
5/2 1/4" pneumatic pilot - REINFORCED spring return





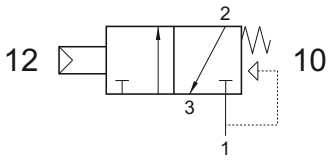
Pressione di esercizio: –0.9 ... 10 bar
Working pressure: –0.9 ... 10 bar

Pressione di azionamento: 2.5 ... 10 bar
Actuating pressure: 2.5 ... 10 bar

321 MCQ

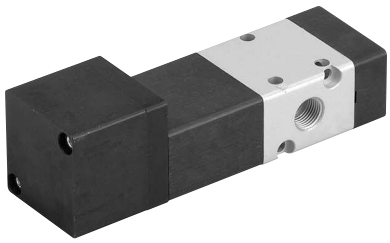
3/2 1/8" NC comando pneumatico 0.3 bar - ritorno a molla

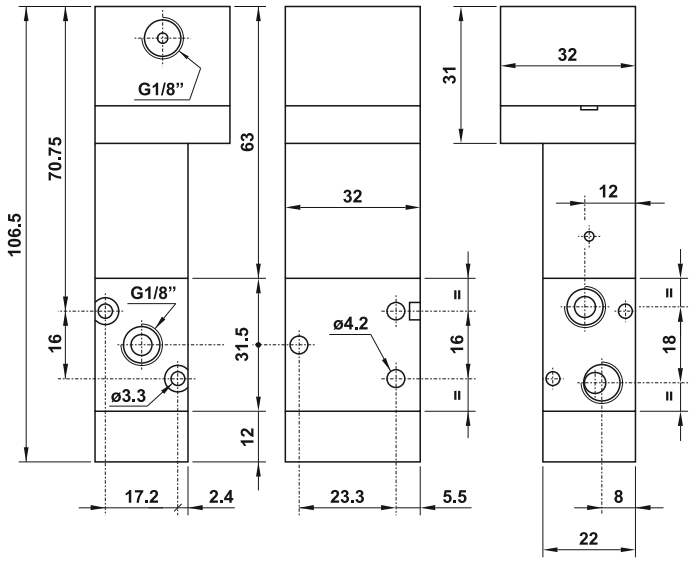
3/2 1/8" NC pneumatic pilot 0.3 bar - spring return



Pressione di esercizio: min. 2.5 bar
Pressione di azionamento: min. 0.3 bar

Working pressure: min. 2.5 bar
Actuating pressure: min. 0.3 bar

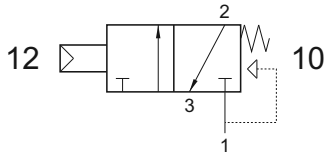




321 MCS

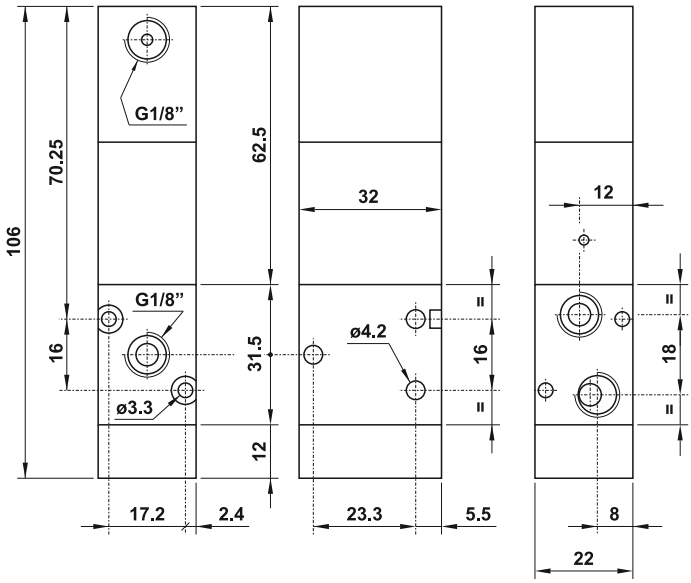
3/2 1/8" NC comando pneumatico 0.6 bar - ritorno a molla

3/2 1/8" NC pneumatic pilot 0.6 bar - spring return



Pressione di esercizio: min. 2.5 bar
Pressione di azionamento: min. 0.6 bar

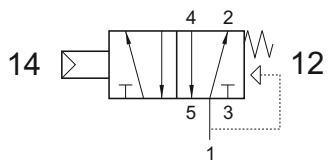
Working pressure: min. 2.5 bar
Actuating pressure: min. 0.6 bar



521 MCQ

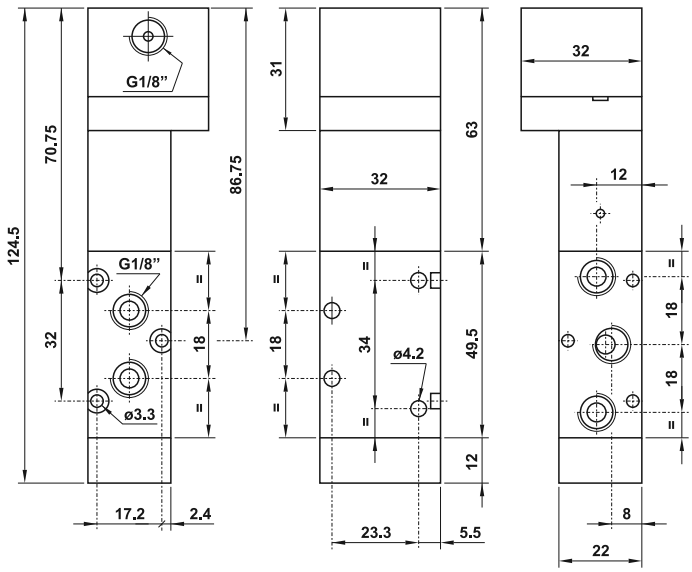
5/2 1/8" comando pneumatico 0.3 bar - ritorno a molla

5/2 1/8" pneumatic pilot 0.3 bar - spring return



Pressione di esercizio: min. 2.5 bar
Pressione di azionamento: min. 0.3 bar

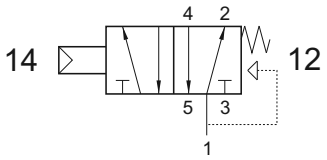
Working pressure: min. 2.5 bar
Actuating pressure: min. 0.3 bar



521 MCS

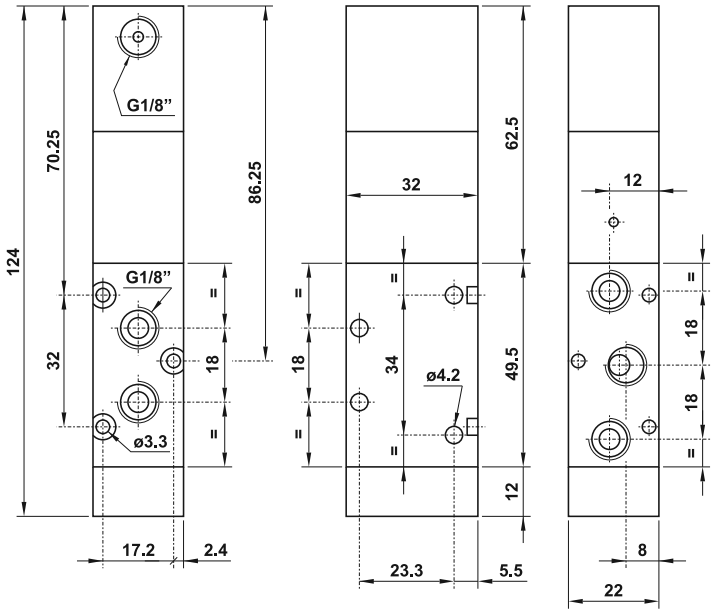
5/2 1/8" comando pneumatico 0.6 bar - ritorno a molla

5/2 1/8" pneumatic pilot 0.6 bar - spring return



Pressione di esercizio: min. 2.5 bar
Pressione di azionamento: min. 0.6 bar

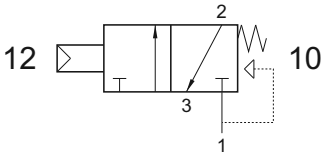
Working pressure: min. 2.5 bar
Actuating pressure: min. 0.6 bar



322 MCS

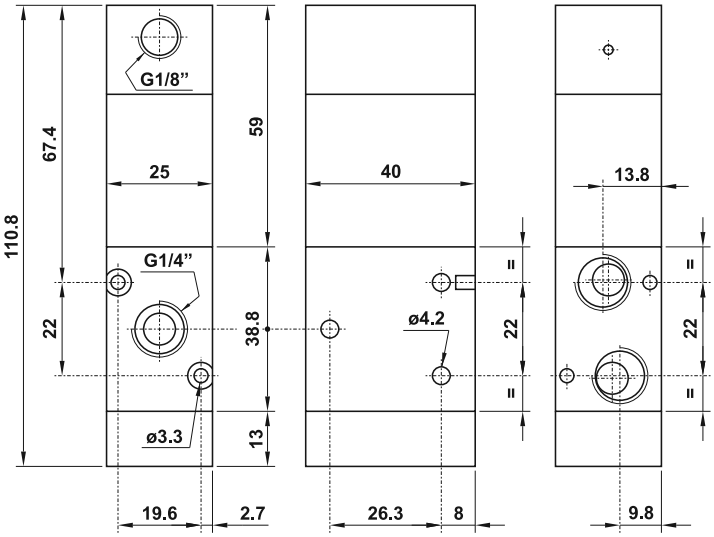
3/2 1/4" NC comando pneumatico 0.6 bar - ritorno a molla

3/2 1/4" NC pneumatic pilot 0.6 bar - spring return



Pressione di esercizio: min. 2.5 bar
Pressione di azionamento: min. 0.6 bar

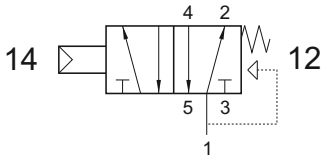
Working pressure: min. 2.5 bar
Actuating pressure: min. 0.6 bar



522 MCS

5/2 1/4" comando pneumatico 0.6 bar - ritorno a molla

5/2 1/4" pneumatic pilot 0.6 bar - spring return



Pressione di esercizio: min. 2.5 bar
Pressione di azionamento: min. 0.6 bar

Working pressure: min. 2.5 bar
Actuating pressure: min. 0.6 bar