

WORKING PRINCIPLE / PRINCIPIO DI FUNZIONAMENTO

In the example here below, when the 5/2 valve **E52W1S018 - 02450** stands in the normal position, ports **4 - 5** and **1 - 2** are connected and the position is kept thanks to the pressure assured to the smallest piston (right side of the valve). When the valve is actuated, the same pressure is fed to the biggest piston. Its bigger surface create a force which allows to the spool to move and therefore to connect ports **4 - 1** and **2 - 3**. In the mechanical spring version, the valve is kept in the normal position by a mechanical spring. In the bistable versions, the position of the valve remains in its last switched state.

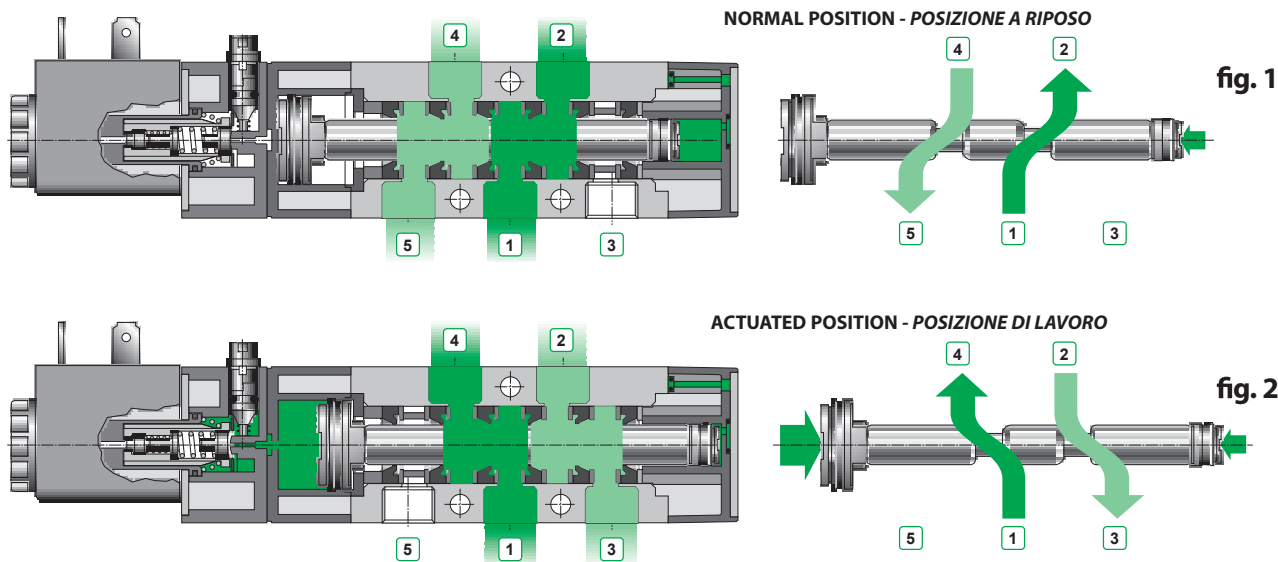
*Il principio di funzionamento del distributore 5/2 (nell'esempio la valvola a comando elettropneumatico e riposizionamento a molla pneumatica **E52W1S018 - 02450**) consiste nel mantenere costantemente in pressione il pistone di riposizionamento (fig. 1), utilizzando la fonte d'aria compressa presente nel condotto di alimentazione **1**, collegando le vie **1- 2 e 4 - 5**.*

*L'eccitazione del solenoide mette in comunicazione il condotto in pressione **1** con la camera dove é alloggiato il pistone di comando.*

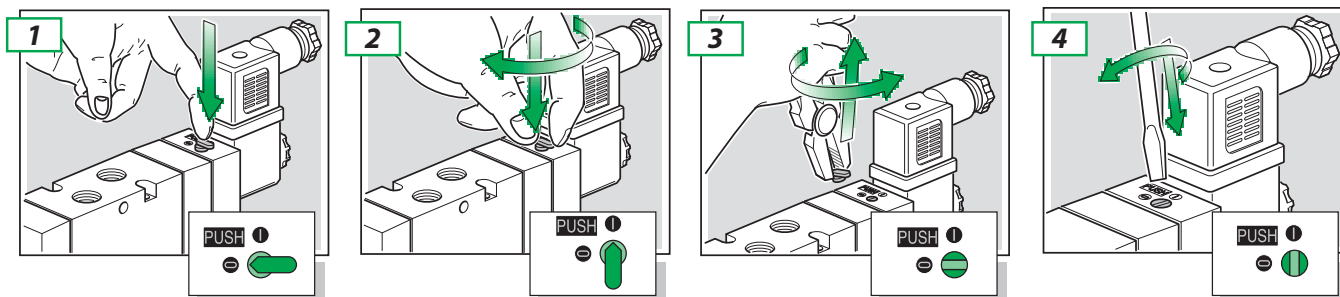
*Quest'ultimo, avendo un'area di spinta maggiore del pistone di riposizionamento, sposta la spola in modo tale da collegare i canali **1- 4 e 2- 3** (fig. 2).*

Diseccitando il solenoide si ripristina la posizione iniziale.

Nei sistemi bistabili (doppio comando elettropneumatico o doppio comando pneumatico) in assenza di segnale rimangono i collegamenti dell'ultimo azionamento.



MANUAL OVERRIDING / AZIONAMENTO COMANDO MANUALE



1 Push to actuated valve without locking. **Release the button to get back to normal position.**

*Per azionare la valvola, durante la fase di collaudo con pressione in linea senza collegamento elettrico, premere la leva del comando manuale. **Rilasciare per ripristinare la condizione di riposo.***

2 To actuate the valve permanently push the M/O (manual override) and rotate clockwise 90°. **To return to normal position, push the M/O again and turn 90° anticlockwise.**

*Per azionare la valvola in modo permanente premere la leva del comando manuale e ruotare in senso orario sino alla posizione 1. **Ruotare in senso antiorario per ripristinare la condizione di riposo.***

3 If the M/O is no longer required, then turn the M/O anticlockwise until it breaks off.

Terminato il collaudo ruotare in senso antiorario la leva sino alla rottura.

4 If the M/O is required after breaking off a screwdriver can be used.

Per interventi successivi sul comando manuale usare un adeguato cacciavite ed operare come al punto 1 o 2.



SERIE **G1/8, G1/4, G1/2**

**VALVES AND SOLENOID VALVES "E" SERIES
VALVOLE ED ELETTROVALVOLE SERIE "E"**

COMMON FEATURES VALVES G1/8 SERIES / CARATTERISTICHE COMUNI VALVOLE SERIE G1/8

G1/8

Port connections	G1/8
Pilot connections	G1/8
Flow section	Ø 6 mm
Environment temperature range	-10 °C ÷ +50 °C
Temperature range of medium	0 °C ÷ +40 °C
Lubrication	Not required
Medium	Filtered air
Reference temperature	+20 °C
Reference pressure	6 bar

3/2 VALVES AND SOLENOID VALVES	
Fixing.....	n°3 holes Ø 4,25 manifold system see p. 30.
Nominal air flow	650 NI/min
Fluid conductance "C".....	2,7 NI/s bar
Critical pressure ratio "b".....	0,203

5/2 VALVES AND SOLENOID VALVES	
Fixing.....	n°3 holes Ø 4,25 manifold system pp. 30 ÷ 32.
Nominal air flow.....	650 NI/min
Fluid conductance "C".....	2,7 NI/s bar
Critical pressure ratio "b".....	0,203

5/3 VALVES AND SOLENOID VALVES	
Fixing.....	n°3 holes Ø 4,25 manifold system pp. 30 ÷ 32.
Nominal air flow.....	530 NI/min
Fluid conductance "C".....	2,17 NI/s bar
Critical pressure ratio "b".....	0,236

Connessioni di lavoro	G1/8
Connessioni operatori.....	G1/8
Diametro nominale.....	Ø 6 mm
Temperatura ambiente.....	-10 °C ÷ +50 °C
Temperatura fluida.....	0 °C ÷ +40 °C
Lubrificazione.....	Non necessaria
Fluido.....	Aria filtrata
Temperatura nominale.....	+20 °C
Pressione nominale.....	6 bar

VALVOLE ED ELETTROVALVOLE 3/2	
Fissaggio.....	n°3 fori laterali Ø 4,25 su collettore vedi p. 32
Portata nominale.....	650 NI/min
Valore conduttanza "C".....	2,7 NI/s bar
Rapporto critico delle pressioni "b".....	0,203

VALVOLE ED ELETTROVALVOLE 5/2	
Fissaggio	n°3 fori laterali Ø 4,25 su collettore vedi p. 32
Portata nominale	su base vedi pp. 30 ÷ 31
Valore conduttanza "C".....	650 NI/min
Rapporto critico delle pressioni "b".....	2,7 NI/s bar

VALVOLE ED ELETTROVALVOLE 5/3	
Fissaggio	n°3 fori laterali Ø 4,25 su collettore vedi p. 32
Portata nominale	su base vedi pp. 30 ÷ 31
Valore conduttanza "C".....	530 NI/min
Rapporto critico delle pressioni "b".....	2,17 NI/s bar

VALVES AND SOLENOID VALVES G1/4 SERIES / VALVOLE ED ELETTROVALVOLE SERIE G1/4

G1/4

Port connections	G1/4
Pilot connections	G1/8
Flow section	Ø 8 mm
Environment temperature range	-10 °C ÷ +50 °C
Temperature range of medium	0 °C ÷ +40 °C
Lubrication	Not required
Medium	Filtered air
Reference temperature	+20 °C
Reference pressure	6 bar

3/2 VALVES AND SOLENOID VALVES	
Fixing.....	n°3 holes Ø 4,25 manifold system see p. 33.
Nominal air flow	1080 NI/min
Fluid conductance "C".....	4,34 NI/s bar
Critical pressure ratio "b".....	0,212

5/2 VALVES AND SOLENOID VALVES	
Fixing.....	n°3 holes Ø 4,25 manifold system pp. 30 ÷ 31, 33.
Nominal air flow.....	1080 NI/min
Fluid conductance "C".....	4,34 NI/s bar
Critical pressure ratio "b".....	0,212

5/3 VALVES AND SOLENOID VALVES	
Fixing.....	n°3 holes Ø 4,25 manifold system pp. 30 ÷ 31, 33.
Nominal air flow.....	800 NI/min
Fluid conductance "C".....	3,22 NI/s bar
Critical pressure ratio "b".....	0,265

Connessioni di lavoro	G1/4
Connessioni operatori.....	G 1/8
Diametro nominale.....	Ø 8 mm
Temperatura ambiente.....	-10 °C ÷ +50 °C
Temperatura fluida.....	0 °C ÷ +40 °C
Lubrificazione.....	Non necessaria
Fluido.....	Aria filtrata
Temperatura nominale.....	+20 °C
Pressione nominale.....	6 bar

VALVOLE ED ELETTROVALVOLE 3/2	
Fissaggio.....	n°3 fori laterali Ø 4,25 su collettore vedi p. 33
Portata nominale.....	1080 NI/min
Valore conduttanza "C".....	4,34 NI/s bar
Rapporto critico delle pressioni "b".....	0,212

VALVOLE ED ELETTROVALVOLE 5/2	
Fissaggio	n°3 fori laterali Ø 4,25 su collettore vedi p. 33
Portata nominale	su base vedi pp. 30 ÷ 31
Valore conduttanza "C".....	1080 NI/min
Rapporto critico delle pressioni "b".....	4,34 NI/s bar

VALVOLE ED ELETTROVALVOLE 5/3	
Fissaggio	n°3 fori laterali Ø 4,25 su collettore vedi p. 33
Portata nominale	su base vedi pp. 24 ÷ 25
Valore conduttanza "C".....	800 NI/min
Rapporto critico delle pressioni "b".....	3,22 NI/s bar

VALVES AND SOLENOID VALVES G1/2 SERIES / VALVOLE ED ELETTROVALVOLE SERIE G1/2

G1/2

Port connections	G1/2
Pilot connections	G1/8
Flow section	Ø 15 mm
Environment temperature range	-10 °C ÷ +50 °C
Temperature range of medium	0 °C ÷ +40 °C
Lubrication	Not required
Medium	Filtered air
Reference temperature	+20 °C
Reference pressure	6 bar

3/2 VALVES AND SOLENOID VALVES	
Fixing.....	n°3 holes Ø 5,5
Nominal air flow	3500 NI/min
Fluid conductance "C".....	12,88 NI/s bar
Critical pressure ratio "b".....	0,393

5/2 VALVES AND SOLENOID VALVES	
Fixing.....	n°3 holes Ø 5,5
Nominal air flow.....	3500 NI/min
Fluid conductance "C".....	12,88 NI/s bar
Critical pressure ratio "b".....	0,396

5/3 VALVES AND SOLENOID VALVES	
Fixing.....	n°3 holes Ø 5,5
Nominal air flow.....	3000 NI/min
Fluid conductance "C".....	10,76 NI/s bar
Critical pressure ratio "b".....	0,42

Connessioni di lavoro	G1/2
Connessioni operatori.....	G 1/8
Diametro nominale.....	Ø 15 mm
Temperatura ambiente.....	-10 °C ÷ +50 °C
Temperatura fluida.....	0 °C ÷ +40 °C
Lubrificazione.....	Non necessaria
Fluido.....	Aria filtrata
Temperatura nominale.....	+20 °C
Pressione nominale.....	6 bar

VALVOLE ED ELETTROVALVOLE 3/2	
Fissaggio.....	n°3 fori laterali Ø 5,5
Portata nominale.....	3500 NI/min
Valore conduttanza "C".....	12,88 NI/s bar
Rapporto critico delle pressioni "b".....	0,393

VALVOLE ED ELETTROVALVOLE 5/2	
Fissaggio	n°3 fori laterali Ø 5,5
Portata nominale.....	3500 NI/min
Valore conduttanza "C".....	12,88 NI/s bar
Rapporto critico delle pressioni "b".....	0,396

VALVOLE ED ELETTROVALVOLE 5/3	
Fissaggio	n°3 fori laterali Ø 5,5
Portata nominale	3000 NI/min
Valore conduttanza "C".....	10,76 NI/s bar
Rapporto critico delle pressioni "b".....	0,265

PNEUMATIC VALVES FEATURES / CARATTERISTICHE VALVOLE PNEUMATICHE

Size Taglia	Code Codice	Nominal pilot pressure (bar) Pressione di pilotaggio nominale (bar)	Nominal max frequency (Hz) Frequenza max nominale (Hz)	Operating pressure range (bar) Pressione di esercizio (bar)
G 1/8"	V32V1P618	4,5 bar (10 bar)	31 Hz	2,2 ÷ 10 bar
	V32V1P918	4,5 bar (10 bar)	31 Hz	2,2 ÷ 10 bar
	V32V1P6M8	2,7 bar	13 Hz	1,5 ÷ 10 bar
	V32V1P9M8	2,7 bar	13 Hz	1,5 ÷ 10 bar
	V32V2P018	1,3 bar	43 Hz	1,2 ÷ 10 bar
	V52V1P018	4,5 bar (10 bar)	30 Hz	2,5 ÷ 10 bar
	V52V1PM18	2,7 bar	13 Hz	1,5 ÷ 10 bar
	V52V2P018	1,3 bar	42 Hz	1,5 ÷ 10 bar
	V52V2PD18	1,3 bar	42 Hz	1,5 ÷ 10 bar
	V53V2P618	3,2 bar	9 Hz	1,5 ÷ 10 bar
V53V2P918	3,2 bar	9 Hz	1,5 ÷ 10 bar	
G 1/4"	V32V1P614	4 bar (10 bar)	22 Hz	2,2 ÷ 10 bar
	V32V1P914	4 bar (10 bar)	22 Hz	2,2 ÷ 10 bar
	V32V1P6M4	2,85 bar	11 Hz	1,5 ÷ 10 bar
	V32V1P9M4	2,85 bar	11 Hz	1,5 ÷ 10 bar
	V32V2P014	1,3 bar	31 Hz	1,2 ÷ 10 bar
	V52V1P014	4 bar (10 bar)	21 Hz	2,5 ÷ 10 bar
	V52V1PM14	2,85 bar	10 Hz	1,5 ÷ 10 bar
	V52V2P014	1,3 bar	30 Hz	1,5 ÷ 10 bar
	V52V2PD14	1,3 bar	30 Hz	1,5 ÷ 10 bar
	V53V2P614	3,6 bar	8 Hz	1,5 ÷ 10 bar
V53V2P914	3,6 bar	8 Hz	1,5 ÷ 10 bar	
G 1/2"	V32V1P612	4 bar (10 bar)	12 Hz	2,2 ÷ 10 bar
	V32V1P912	4 bar (10 bar)	12 Hz	2,2 ÷ 10 bar
	V32V1P6M2	2,85 bar	8 Hz	1,5 ÷ 10 bar
	V32V1P9M2	2,85 bar	8 Hz	1,5 ÷ 10 bar
	V32V2P012	1,3 bar	14 Hz	1,2 ÷ 10 bar
	V52V1P012	4 bar (10 bar)	12 Hz	2,5 ÷ 10 bar
	V52V1PM12	2,85 bar	7 Hz	1,5 ÷ 10 bar
	V52V2P012	1,3 bar	13 Hz	1,5 ÷ 10 bar
	V53V2P612	3,2 bar	6 Hz	1,5 ÷ 10 bar
	V53V2P912	3,2 bar	6 Hz	1,5 ÷ 10 bar

SOLENOID VALVES FEATURES / CARATTERISTICHE ELETTROVALVOLE

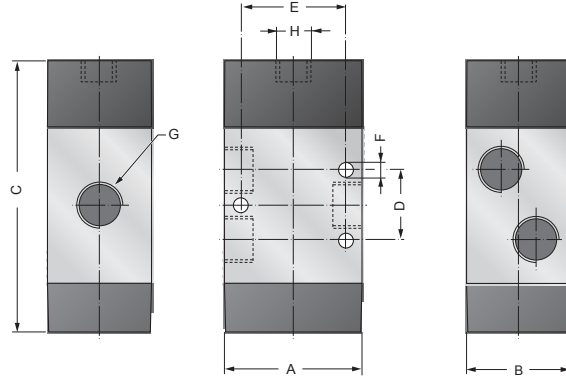
Size Taglia	Code Codice	Average actining response (ms) Tempo medio di risposta in eccitazione (ms)		Average disactining response (ms) Tempo medio di risposta in diseccitazione (ms)		Nominal max frequency (Hz) Frequenza max nominale (Hz)		Operating pressure range (bar) Pressione di esercizio (bar)
		AC	DC	AC	DC	AC	DC	
G 1/8"	E32W1S618	17 ms	19 ms	20 ms	24 ms	29 Hz	18 Hz	2,2 ÷ 10 bar
	E32W1S918	17 ms	19 ms	20 ms	24 ms	29 Hz	18 Hz	2,2 ÷ 10 bar
	E32W1S6M8	17 ms	19 ms	21 ms	34 ms	13 Hz	13 Hz	3,2 ÷ 10 bar
	E32W1S9M8	17 ms	19 ms	21 ms	34 ms	13 Hz	13 Hz	3,2 ÷ 10 bar
	E32W2S018	10 ms	12 ms	10 ms	12 ms	31 Hz	23 Hz	1,2 ÷ 10 bar
	E52W1S018	10 ms	17 ms	20 ms	24 ms	29 Hz	17 Hz	2,5 ÷ 10 bar
	E52W1SM18	17 ms	19 ms	21 ms	34 ms	13 Hz	13 Hz	3,2 ÷ 10 bar
	E52W2S018	10,5 ms	12,5 ms	10,5 ms	12,5 ms	31 Hz	22 Hz	1,5 ÷ 10 bar
	E53W2S618	16 ms	19 ms	16 ms	19 ms	9 Hz	9 Hz	3 ÷ 10 bar
	E53W2S918	16 ms	19 ms	16 ms	19 ms	9 Hz	9 Hz	3 ÷ 10 bar
G 1/4"	E32W1S614	18 ms	21 ms	33 ms	44 ms	17 Hz	14 Hz	2,2 ÷ 10 bar
	E32W1S914	18 ms	21 ms	33 ms	44 ms	17 Hz	14 Hz	2,2 ÷ 10 bar
	E32W1S6M4	19 ms	21 ms	35 ms	46 ms	11 Hz	11 Hz	2,5 ÷ 10 bar
	E32W1S9M4	19 ms	21 ms	35 ms	46 ms	11 Hz	11 Hz	2,5 ÷ 10 bar
	E32W2S014	11 ms	14 ms	11 ms	14 ms	27 Hz	22 Hz	1,2 ÷ 10 bar
	E52W1S014	18 ms	21 ms	33 ms	44 ms	16 Hz	13 Hz	2,5 ÷ 10 bar
	E52W1SM14	19 ms	21 ms	35 ms	46 ms	11 Hz	11 Hz	2,5 ÷ 10 bar
	E52W2S014	11 ms	14 ms	11 ms	14 ms	27 Hz	21 Hz	1,5 ÷ 10 bar
	E53W2S614	17 ms	20 ms	17 ms	20 ms	8 Hz	8 Hz	3 ÷ 10 bar
	E53W2S914	17 ms	20 ms	17 ms	20 ms	8 Hz	8 Hz	3 ÷ 10 bar
G 1/2"	E32W1S612	43 ms	45 ms	55 ms	55 ms	13 Hz	12 Hz	2,2 ÷ 10 bar
	E32W1S912	43 ms	45 ms	55 ms	55 ms	13 Hz	12 Hz	2,2 ÷ 10 bar
	E32W1S6M2	47 ms	49 ms	60 ms	60 ms	8 Hz	8 Hz	2,5 ÷ 10 bar
	E32W1S9M2	47 ms	49 ms	60 ms	60 ms	8 Hz	8 Hz	2,5 ÷ 10 bar
	E32W2S012	22 ms	26 ms	22 ms	26 ms	16 Hz	15 Hz	1,2 ÷ 10 bar
	E52W1S012	47 ms	49 ms	58 ms	58 ms	11 Hz	10 Hz	2,5 ÷ 10 bar
	E52W1SM12	47 ms	49 ms	60 ms	60 ms	8 Hz	8 Hz	2,5 ÷ 10 bar
	E52W2S012	24 ms	28 ms	24 ms	28 ms	14 Hz	13 Hz	1,5 ÷ 10 bar
	E53W2S612	49 ms	49 ms	60 ms	60 ms	6 Hz	6 Hz	3 ÷ 10 bar
	E53W2S912	49 ms	49 ms	60 ms	60 ms	6 Hz	6 Hz	3 ÷ 10 bar

For electrical features solenoid pilot see pp. B-35 and B-37.
Caratteristiche elettriche elettrovalvole per solenoide vedi pp. B-35 e B-37.

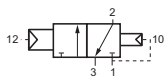
V32V1P . 1.



VALVE / VALVOLA 3/2 SINGLE PNEUMATIC PILOT - INTERNAL PRESSURE RETURN COMANDO PNEUMATICO - RIPOSIZIONAMENTO A MOLLA PNEUMATICA



SIMBOLS / SIMBOLI

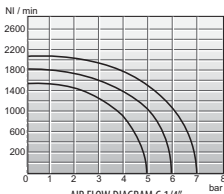


V32V1P61.

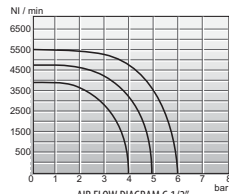


V32V1P91.

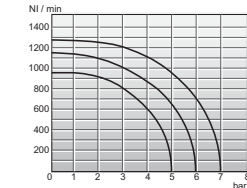
DIAGRAMS / DIAGRAMMI



AIR FLOW DIAGRAM G 1/4"
DIAGRAMMA DELLE PORTATE G 1/4"

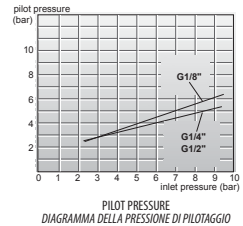


AIR FLOW DIAGRAM G 1/2"
DIAGRAMMA DELLE PORTATE G 1/2"



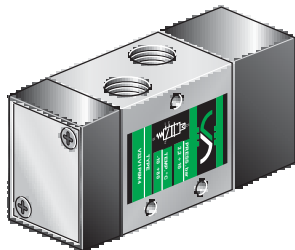
AIR FLOW DIAGRAM G 1/8"
DIAGRAMMA DELLE PORTATE G 1/8"

DIAGRAM / DIAGRAMMA

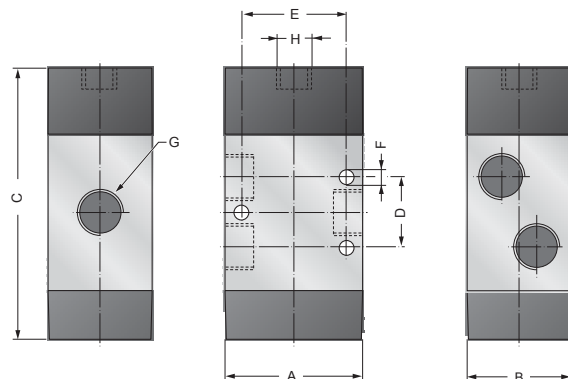


Size Taglia	A	B	C	D	E	ØF	G	H
G1/8	30	26	74	18	23	4,25	G1/8	G1/8
G1/4	40	30	81,5	20	30	4,25	G1/4	G1/8
G1/2	60	40	127	40	50	5,5	G1/2	G1/8

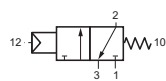
V32V1P . M.



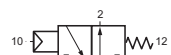
VALVE / VALVOLA 3/2 SINGLE PNEUMATIC PILOT - SPRING RETURN COMANDO PNEUMATICO - RIPOSIZIONAMENTO A MOLLA MECCANICA



SIMBOLS / SIMBOLI

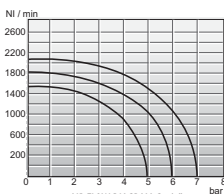


V32V1P6M.

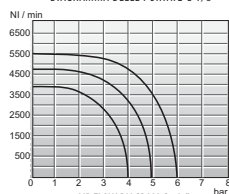


V32V1P9M.

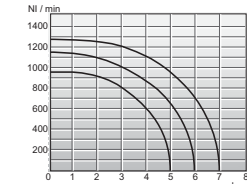
DIAGRAMS / DIAGRAMMI



AIR FLOW DIAGRAM G 1/4"
DIAGRAMMA DELLE PORTATE G 1/4"

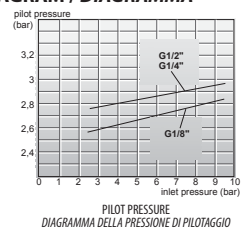


AIR FLOW DIAGRAM G 1/2"
DIAGRAMMA DELLE PORTATE G 1/2"



AIR FLOW DIAGRAM G 1/8"
DIAGRAMMA DELLE PORTATE G 1/8"

DIAGRAM / DIAGRAMMA



(*) ATEX versions see / Versioni ATEX vedi P. B-113

Size Taglia	A	B	C	D	E	ØF	G	H
G1/8	30	26	74	18	23	4,25	G1/8	G1/8
G1/4	40	30	81,5	20	30	4,25	G1/4	G1/8
(*) G1/2	60	40	118	40	50	5,5	G1/2	G1/8

VALVE / VALVOLA 3/2
DOUBLE PNEUMATIC PILOT / *DOPIO COMANDO PNEUMATICO*

V32V2P01.

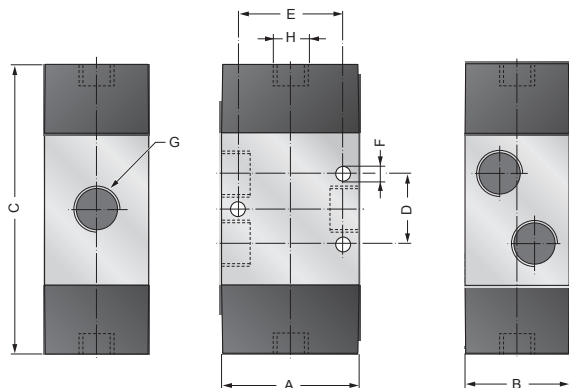
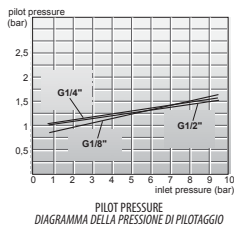


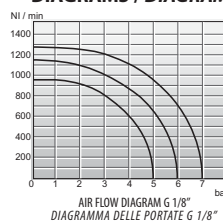
DIAGRAM / DIAGRAMMA



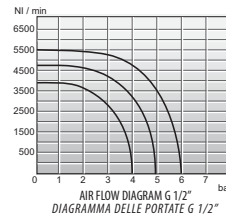
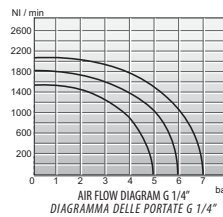
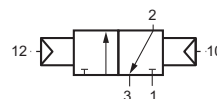
(*) ATEX versions see / *Versioni ATEX vedi P. B-113*

Size Taglia	A	B	C	D	E	ØF	G	H
G1/8	30	26	79	18	23	4,25	G1/8	G1/8
(*) G1/4	40	30	87	20	30	4,25	G1/4	G1/8
(*) G1/2	60	40	132	40	50	5,5	G1/2	G1/8

DIAGRAMS / DIAGRAMMI



SIMBOL / SIMBOLO



VALVE / VALVOLA 5/2
SINGLE PNEUMATIC PILOT / *COMANDO PNEUMATICO*

V52V1P . 1.

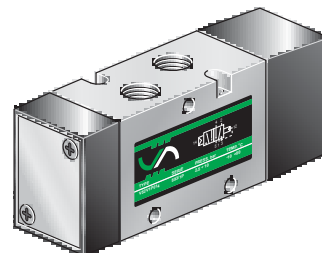
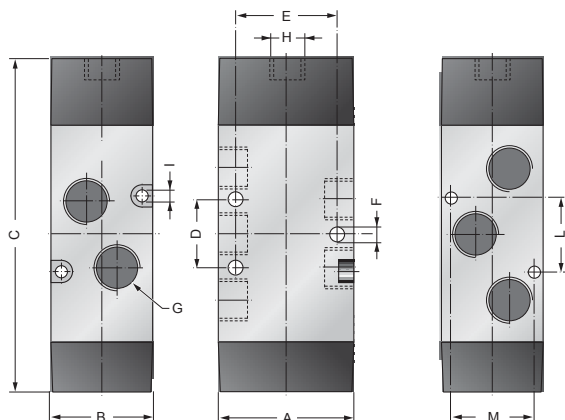
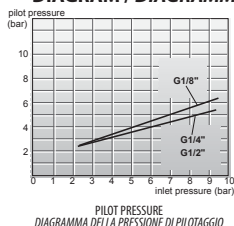


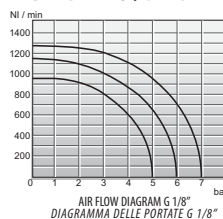
DIAGRAM / DIAGRAMMA



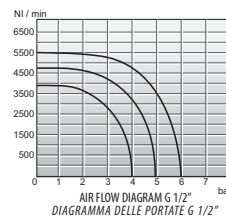
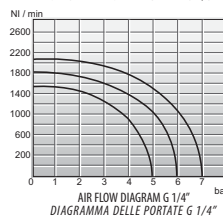
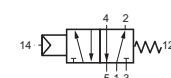
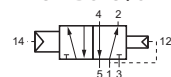
(*) ATEX versions see / *Versioni ATEX vedi P. B-113*

Size Taglia	A	B	C	D	E	ØF	G	H	ØI	L	M
1/8	30	26	91	18	23	4,25	G1/8	G1/8	3,25	28,6	20
(*) 1/4	40	30	100	20	30	4,25	G1/4	G1/8	3,25	21	24,6
(*) 1/2	60	40	167	40	50	5,5	G1/2	G1/8	—	—	—

DIAGRAMS / DIAGRAMMI



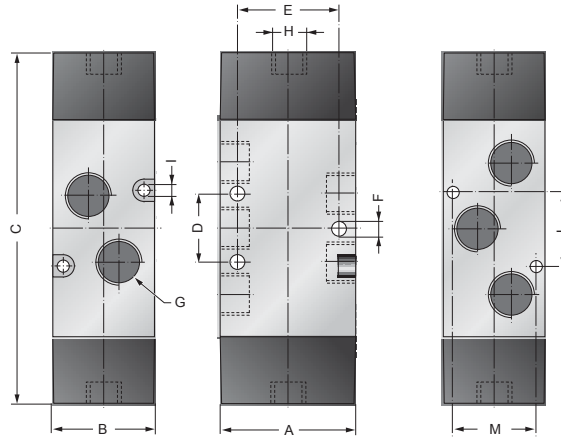
SIMBOLS / SIMBOLI



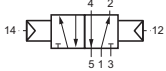
V52V2P . 1.



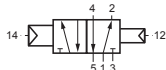
VALVE / VALVOLA 5/2 DOUBLE PNEUMATIC PILOT / DOPPIO COMANDO PNEUMATICO



SIMBOLS / SIMBOLI



V52V2P01.



V52V2PD1.

DIAGRAMS / DIAGRAMMI

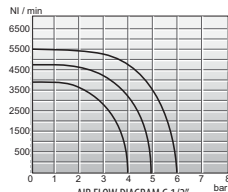
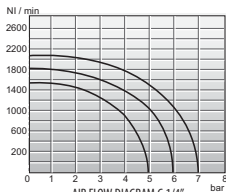
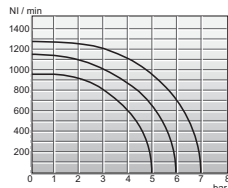
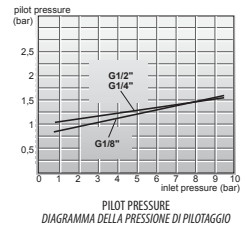


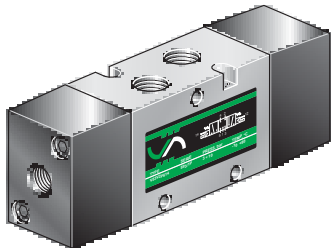
DIAGRAM / DIAGRAMMA



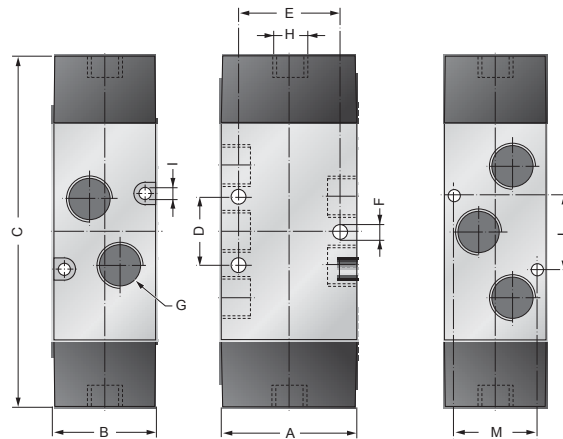
(*) ATEX versions see / Versioni ATEX vedi P. B-113

Size Taglia	A	B	C	D	E	ØF	G	H	ØI	L	M
1/8	30	26	96	18	23	4,25	G1/8	G1/8	3,25	28,6	20
(*) 1/4	40	30	105	20	30	4,25	G1/4	G1/8	3,25	21	24,6
(*) 1/2	60	40	172	40	50	5,5	G1/2	G1/8	—	—	—

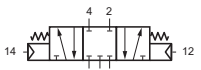
V53V2P . 1.



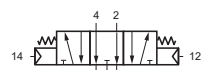
VALVE / VALVOLA 5/3 DOUBLE PNEUMATIC PILOT / DOPPIO COMANDO PNEUMATICO



SIMBOLS / SIMBOLI



V53V2P61.



V53V2P91.

DIAGRAMS / DIAGRAMMI

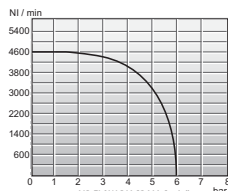
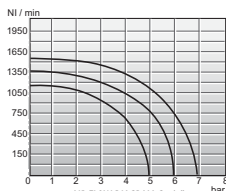
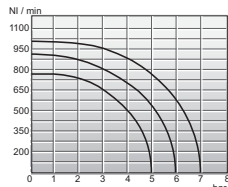
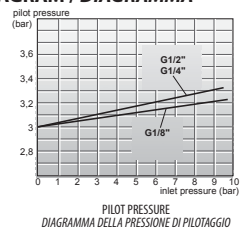


DIAGRAM / DIAGRAMMA

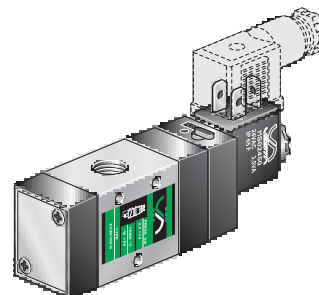
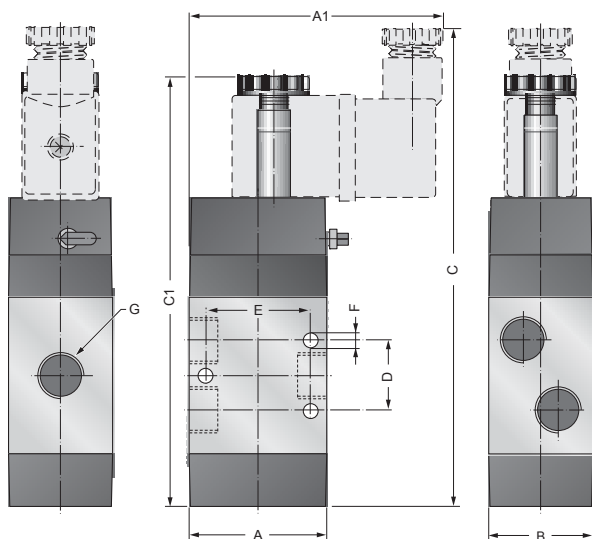


(*) versions see / Versioni vedi P. B-113

Size Taglia	A	B	C	D	E	ØF	G	H	ØI	L	M
1/8	30	26	108	18	23	4,25	G1/8	G1/8	3,25	28,6	20
1/4	40	30	105	20	30	4,25	G1/4	G1/8	3,25	21	24,6
1/2	60	40	192	40	50	5,5	G1/2	G1/8	—	—	—

SOLENOID VALVE / 3/2
 SINGLE SOLENOID VALVE - INTERNAL PRESSURE RETURN
 COMANDO ELETTROPNEUMATICO - RIPOSIZIONAMENTO MOLLA PNEUMATICA

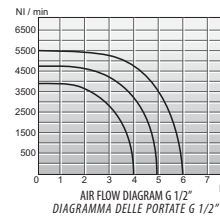
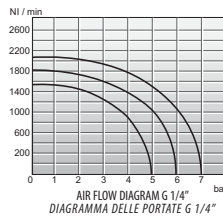
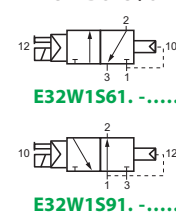
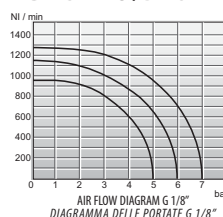
E32W1S . 1. -



Size Taglia	A	A1	B	C	C1	D	E	ØF	G
1/8	30	63	26	133	119	18	23	4,25	G1/8
1/4	40	73	30	140	125	20	30	4,25	G1/4
1/2	60	60	40	181	167	40	50	5,5	G1/2

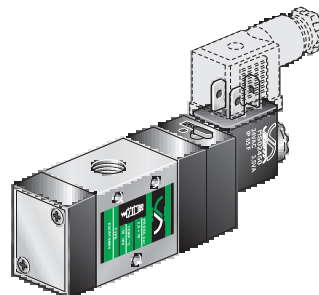
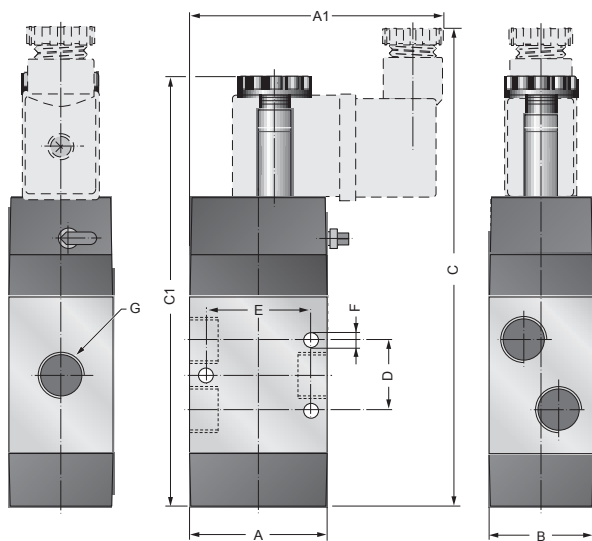
DIAGRAMS / DIAGRAMMI

SIMBOLS / SIMBOLI



SOLENOID VALVE / ELETTROVALVOLA 3/2
 SINGLE SOLENOID VALVE - SPRING RETURN
 COMANDO ELETTROPNEUMATICO - RIPOSIZIONAMENTO MOLLA MECCANICA

E32W1S . M. -

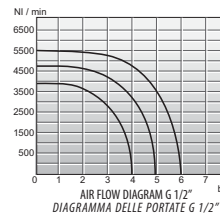
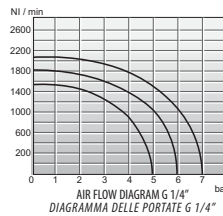
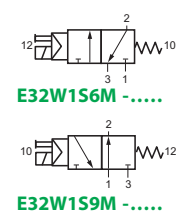
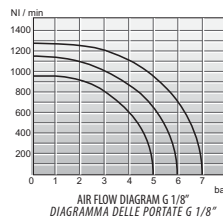


(*) ATEX versions see / Versioni ATEX vedi P.

Size Taglia	A	A1	B	C	C1	D	E	ØF	G
1/8	30	63	26	133	119	18	23	4,25	G1/8
(*) 1/4	40	73	30	140	125	20	30	4,25	G1/4
(*) 1/2	60	60	40	172	158	40	50	5,5	G1/2

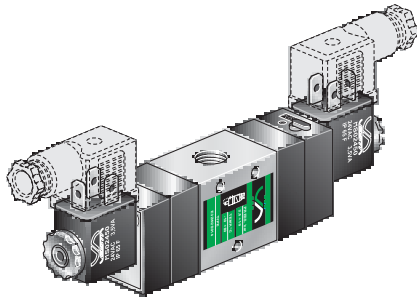
DIAGRAMS / DIAGRAMMI

SIMBOLS / SIMBOLI

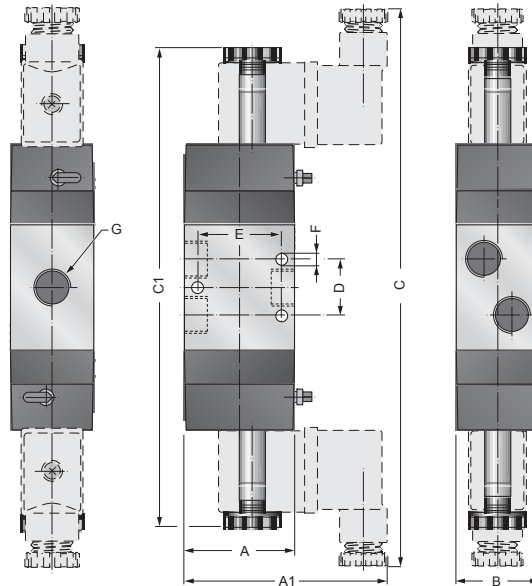




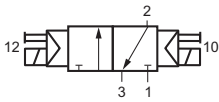
E32W2S01. -



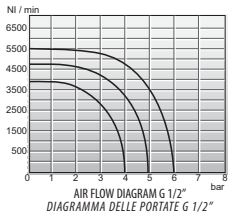
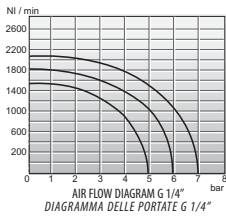
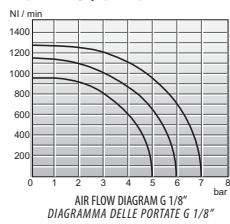
SOLENOID VALVE / 3/2 DOUBLE SOLENOID VALVE / DOPPIO COMANDO ELETTROPNEUMATICO



SIMBOL / SIMBOLO



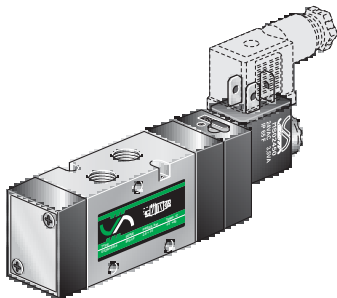
DIAGRAMS / DIAGRAMMI



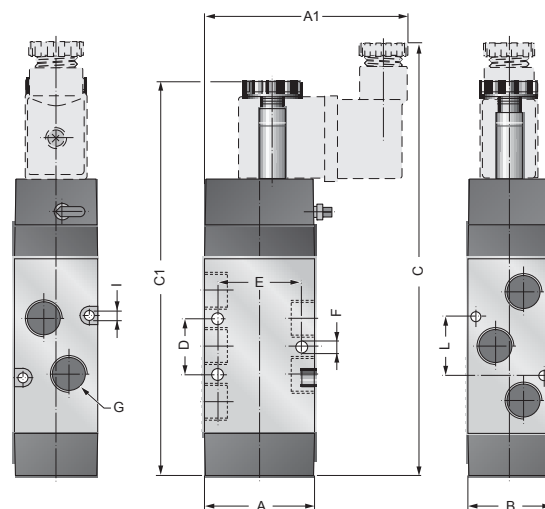
(*) ATEX versions see / Versioni ATEX vedi P. B-113

Size Taglia	A	A1	B	C	C1	D	E	ØF	G
1/8	30	63	26	197	169	18	23	4,25	G1/8
(*) 1/4	40	73	30	203	175	20	30	4,25	G1/4
(*) 1/2	60	60	40	240	212	40	50	5,5	G1/2

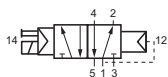
E52W1S.1. -



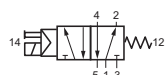
SOLENOID VALVE / 5/2 SINGLE SOLENOID VALVE / COMANDO ELETTROPNEUMATICO



SIMBOLS / SIMBOLI

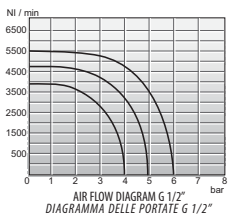
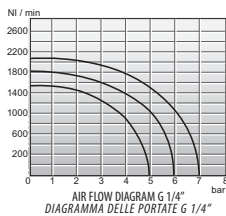
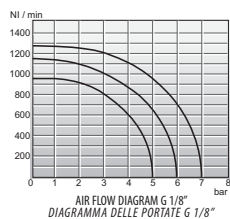


E52W1S01. -



(*) E52W1SM1. -

DIAGRAMS / DIAGRAMMI

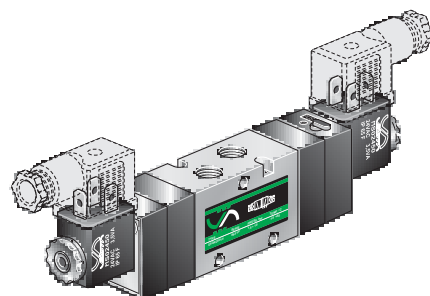
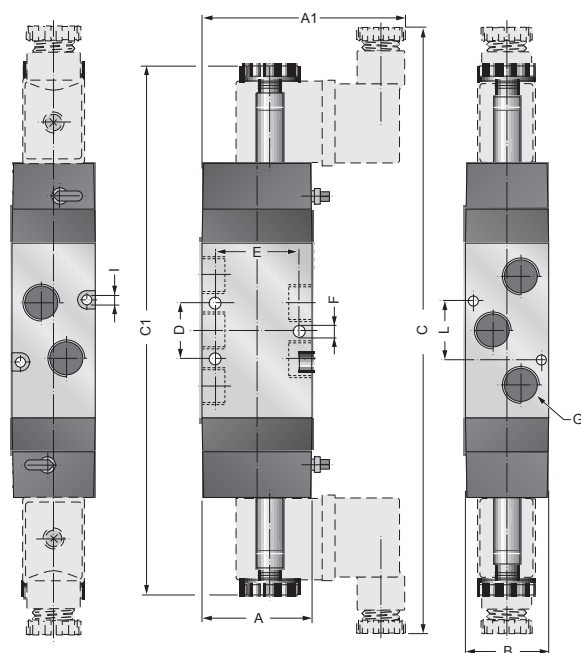


(*) ATEX versions see / Versioni ATEX vedi P. B-113

Size Taglia	A	A1	B	C	C1	D	E	ØF	G	Ø1	L
1/8	30	63	26	150	136	18	23	4,25	G1/8	3,25	28,6
(*) 1/4	40	73	30	158	143	20	30	4,25	G1/4	3,25	21
(*) 1/2	60	60	40	221	207	40	50	5,5	G1/2	—	—

SOLENOID VALVE / 5/2
DOUBLE SOLENOID VALVE / **DOPPIO COMANDO ELETTROPNEUMATICO**

E52W2S01. -

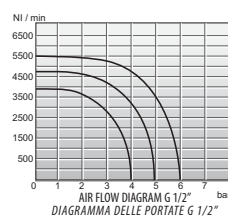
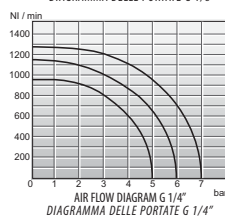
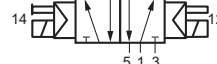
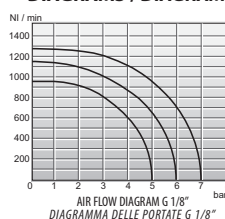


Size Taglia	A	A1	B	C	C1	D	E	ØF	G	ØI	L
1/8	30	63	26	215	186	18	23	4,25	G1/8	3,25	28,6
(*) 1/4	40	73	30	220	191	20	30	4,25	G1/4	3,25	21
(*) 1/2	60	60	40	280	252	40	50	5,5	G1/2	—	—

(*) ATEX versions see P. B-113
Versioni ATEX vedi P. B-113

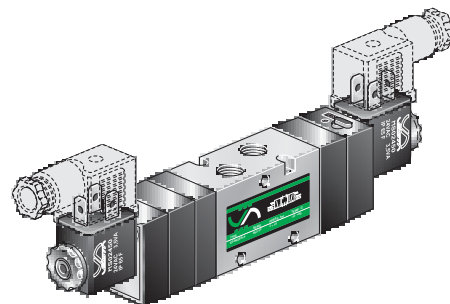
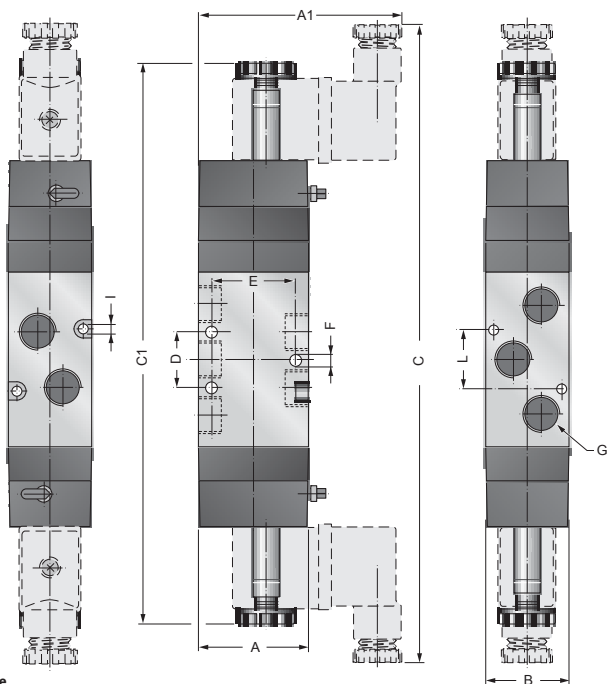
DIAGRAMS / DIAGRAMMI

SIMBOL / SIMBOLO



SOLENOID VALVE / 5/3
DOUBLE SOLENOID VALVE / **DOPPIO COMANDO ELETTROPNEUMATICO**

E53W2S.1. -

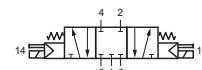
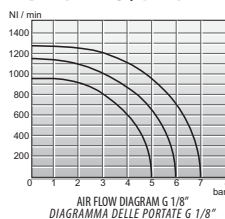


Size Taglia	A	A1	B	C	C1	D	E	ØF	G	ØI	L
1/8	30	63	26	227	198	18	23	4,25	G1/8	3,25	28,6
1/4	40	73	30	232	203	20	30	4,25	G1/4	3,25	21
1/2	60	60	40	280	252	40	50	5,5	G1/2	—	—

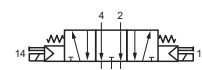
(*) ATEX versions see P. B-113
Versioni ATEX vedi P. B-113

DIAGRAMS / DIAGRAMMI

SIMBOLS / SIMBOLI



E53W2S61 -



E53W2S91 -

