

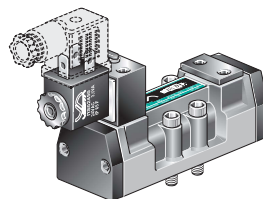
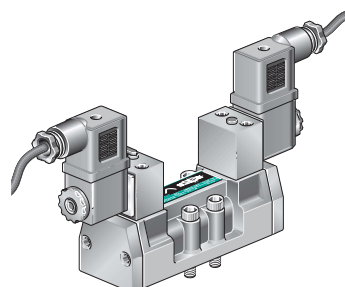
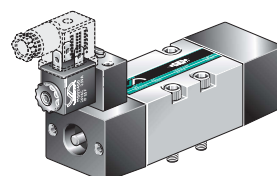
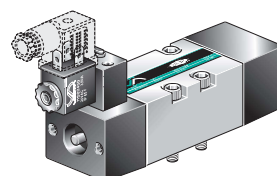
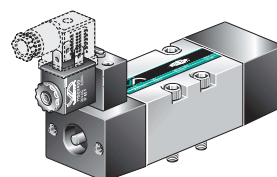
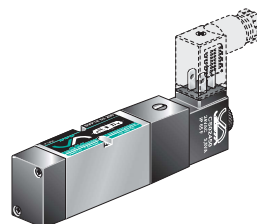
More than a standard.

Vesta SVE/P Series

ISO 5599 SIZE 1, 2, 3 & 4 VALVES & SOLENOID VALVES

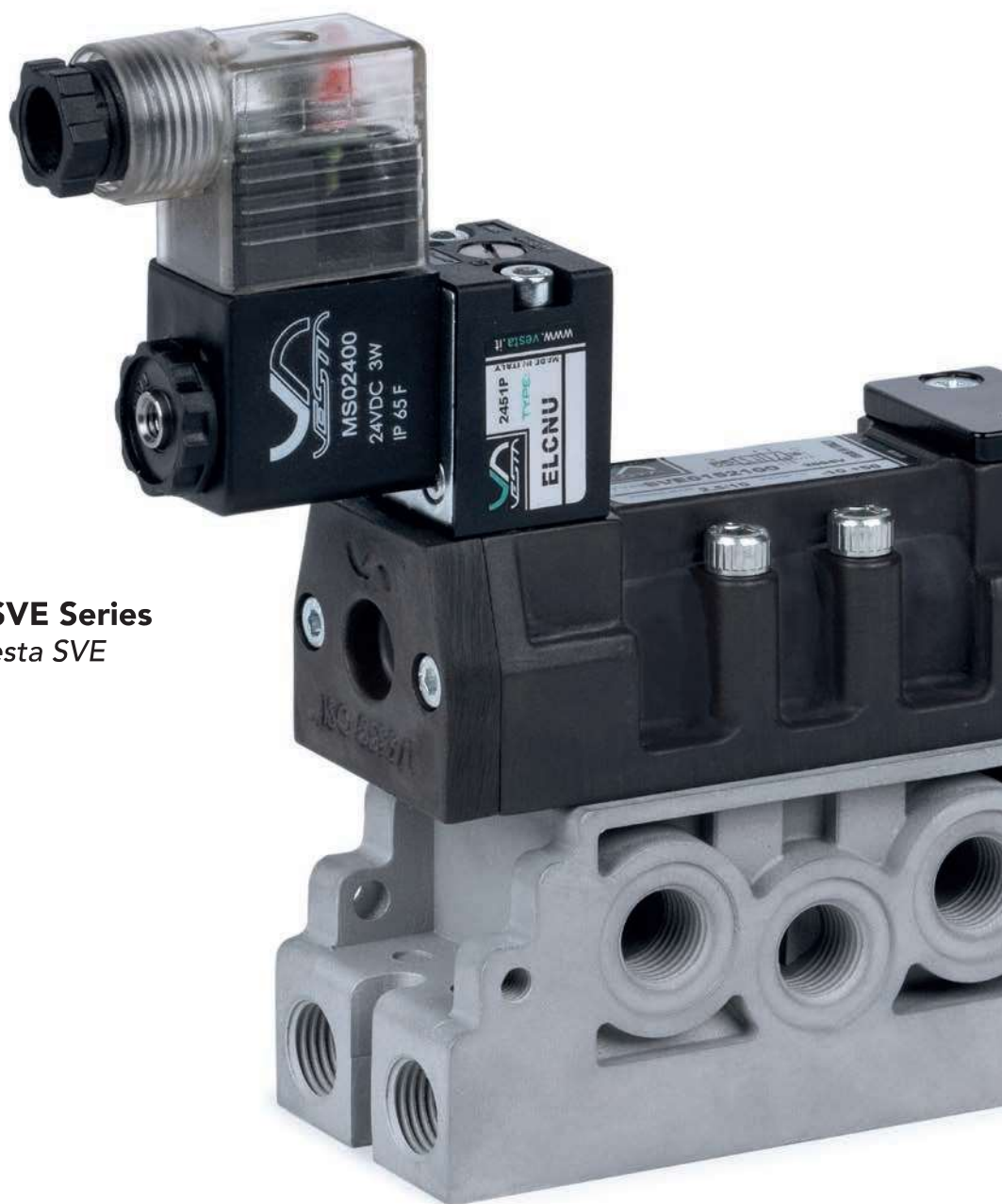
VALVOLE ED ELETTROVALVOLE A STANDARD ISO 1, 2, 3 & 4



SVP 01 - SVE 01**ISO 5599/1 SIZE 1****PAGE 28**
PAGINA 28**XSVE****ATEX II 2GD SIZE 1****PAGE 35**
PAGINA 35**SVP 02 - SVE 02****ISO 5599/1 SIZE 2****PAGE 36**
PAGINA 36**SVP 03 - SVE 03****ISO 5599/1 SIZE 3****PAGE 38**
PAGINA 38**SVP 04 - SVE 04****ISO 5599/1 SIZE 4****PAGE 40**
PAGINA 40**SVP 18 - SVE 18****ISO 5599/1 SIZE 18****On request**
Su richiesta



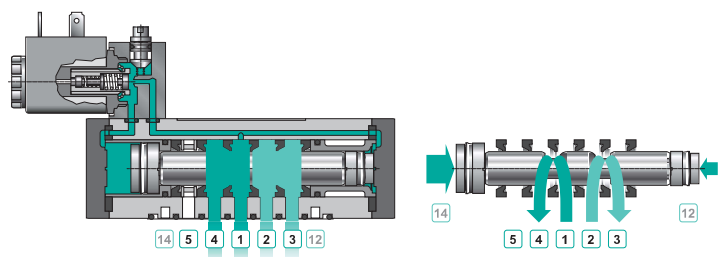
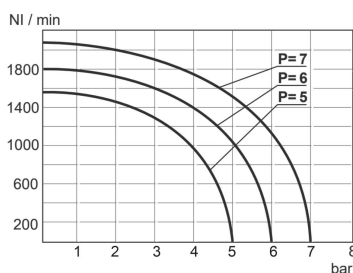
Vesta SVE Series
Serie Vesta SVE



**DESCRIPTION / DESCRIZIONE**

SVE and **SVP series**, valves and solenoid valves, ISO 5599 are produced in size 1 and size 2. The choice of high quality materials and technical solutions adopted allows high reliability and performance. Its particular shape allows high nominal flow rates and the combination with self lubricating lip rubber seals bring to reduces internal friction and provides the valve with a long lasting durable life span.

Le valvole ed elettrovalvole della **serie SVE** e **SVP** sono prodotte in taglia 1 e 2, in conformità alle normative ISO 5599. Grazie alla scelta dei materiali e alle tecniche produttive adottate, queste valvole sono in grado di lavorare anche in condizioni di impiego particolarmente gravosi garantendo velocità di scambio e cicli elevati anche in assenza di lubrificazione.

AIR FLOW DIAGRAM / DIAGRAMMA DELLE PORTATE**SET . 1/4 SG SEALS KIT / KIT GUARNIZIONI DI RICAMBIO**

SET 1 1/4 SG = for ISO 1 mono-stable valves - per valvole monostabili ISO 1.

SET 2 1/4 SG: = for ISO 1 bi-stable valves - per valvole bistabili ISO 1.

Example / Esempio: **SVE 01 52 100 -02400** -> **SET 1 1/4 SG** - **SVE 01 52 200 -02400** -> **SET 2 1/4 SG**

FOR MORE INFORMATION / PER MAGGIORI INFORMAZIONI

ATEX  versions / Versioni **ATEX** 

Suitable coils and connectors / Bobine e connettori consigliati

Pag. 35

Pag. 126

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

Fixing / Fissaggio	Single subbase pag. B-71 - Manifold mounting pag. B-7 Base singola uscite frontali pag. B-71 - Basi in batteria pag. B-71
Flow section / Diametro nominale	Ø 8 mm
Environment temperature range / Temperatura ambiente	-10 °C ÷ +50 °C
Medium temperature range / Temperatura fluido	0 °C ÷ +40 °C
Lubrication / Lubrificazione	Not required / Non necessaria
Medium / Fluido	Filtered air / Aria filtrata
Reference temperature / Temperatura nominale	+20 °C
Reference pressure / Pressione nominale	6 bar

VALVES AND SOLENOID VALVES 5/2 / VALVOLE ED ELETTROVALVOLE 5/2

Nominal air flow / Portata nominale	1080 NI/min
Fluid conductance "C" / Valore conduttanza "C"	4,34 NI/s bar
Critical pressure ratio "B" / Rapporto critico delle pressioni "B"	0,212

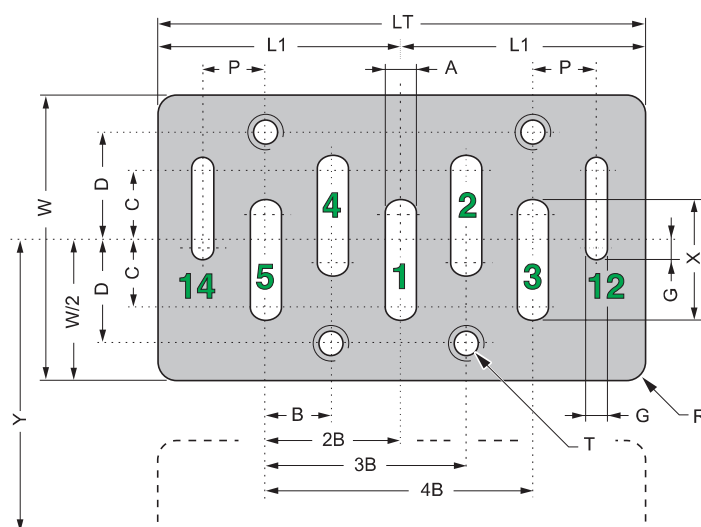
VALVES AND SOLENOID VALVES 5/3 / VALVOLE ED ELETTROVALVOLE 5/3

Nominal air flow / Portata nominale	800 NI/min
Fluid conductance "C" / Valore conduttanza "C"	3,22 NI/s bar
Critical pressure ratio "B" / Rapporto critico delle pressioni "B"	0,26

MOUNTING INTERFACE SURFACE ISO 5599 - DIMENSIONI DEI PIANI DI POSA ISO 5599

Standard ISO 5599, indicates the main dimensions of the mounting interface surface; the minimum distance of each subbase and the port connection numbers as figure shows. While VESTA subbase design is in compliance with the CETOP standards and the solenoid pilot mounting interface surface follows the CNOMO standard.

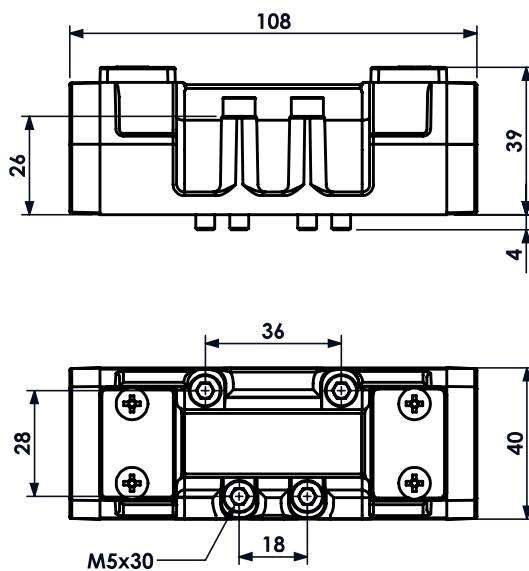
La **norma ISO 5599**, emanata dall'Organismo Internazionale di Standardizzazione e accettata da tutti i grandi utilizzatori, stabilisce le dimensioni del piano di posa del distributore, l'interasse minimo tra due basi affiancate e la numerazione delle connessioni di entrata e di uscita come da schema a fianco riportato. Nella concezione delle basi VESTA, inoltre, si sono seguite le raccomandazioni CETOP che definiscono in maniera più precisa la geometria della base stessa. Il piano di posa dell'elettropilota, infine, è conforme a quanto previsto dalle normative CNOMO.



Size Taglia	A	B	C	D	G	L1 min.	LT min.	P	R max	T	W min.	X	Y min.
1	4,5	9	9	14	3	32,5	65	8,5	2,5	M5x08	38	16,5	43

SVP 01 52 100 / SVP 01 52 1M0 / SVP 01 52 200 / SVP 01 52 2D0 /
SVP 01 53 260 / SVP 01 53 290

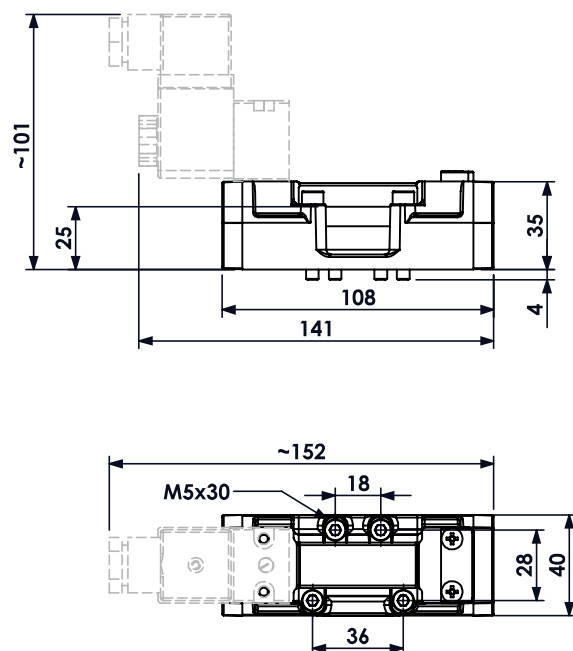
PNEUMATIC VERSION / VERSIONE PNEUMATICA



Pneumatic symbol	Size	Type	Pilot	Return	Nominal pilot pressure (bar)	Nominal max frequency (Hz)	Nominal suggested frequency	Operating pressure range	Code
Simbolo pneumatico	Taglia	Tipologia	Comando	Ritorno	Pressione di pilotaggio nominale (bar)	Frequenza nominale max (Hz)	(Hz)	Pressione di esercizio (bar)	Codice
	1	5/2	pneumatic / pneumatico	a molla pneumatica / spring	4 (10)	21	—	2,5 / 10	SVP 01 52 100
	1	5/2	pneumatic / pneumatico	a molla pneumatica / spring	4 (10)	21	—	2,5 / 10	SVP 01 52 1M0
	1	5/2	pneumatic / pneumatico	a molla pneumatica / spring	1,3	30	—	1,5 / 10	SVP 01 52 200
	1	5/2	pneumatic / pneumatico	a molla pneumatica / spring	1,4 (12) 2,2 (14)	25	—	—	SVP 01 52 2D0
	1	5/3	center position closed pneumatic pilot / centri chiusi comando pneumatico		3,6	8	6	3 / 10	SVP 01 53 260
	1	5/3	center position open pneumatic pilot / centri aperti comando elettropneumatico						SVP 01 53 290

SINGLE SOLENOID PILOT 5/2
COMANDO ELETTROPNEUMATICO 5/2

SVE 01 52 100 - / SVE 01 52 1M0 - (*)

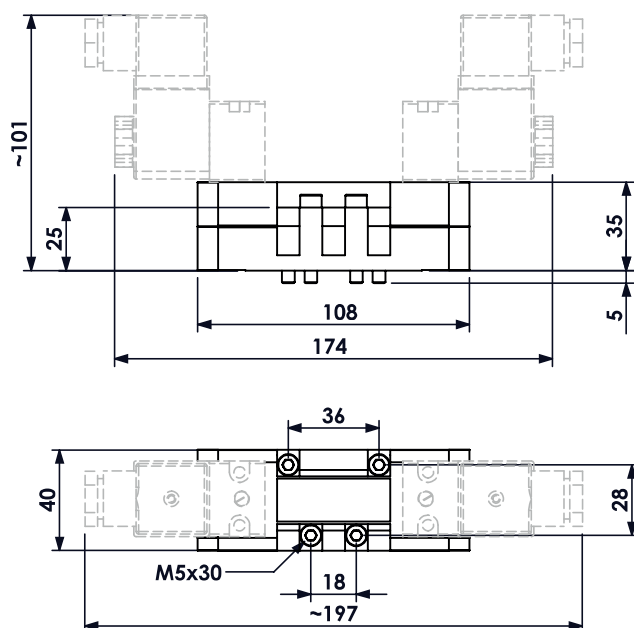


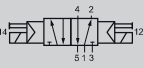
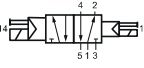
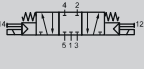
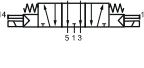
Pneumatic symbol	Size	Type	Pilot	Return	Nominal max frequency (Hz)		Average actioning response (ms)		Average disactioning response (ms)		Operating pressure range (bar)	Code
Simbolo pneumatico	Taglia	Tipo-logia	Comando	Ritorno	Frequenza nominale max (Hz)		Tempo medio risposta in eccitazione (ms)		Tempo medio risposta in dis-eccitazione (ms)		Pressione di esercizio (bar)	Codice
					AC	DC	AC	DC	AC	DC		
	1	5/2	pneumatic/ pneumatico	a molla pneumatica / internal pressure	16	13	18	21	33	44	2,5 / 10	SVE 01 52 100-00000
	1	5/2	pneumatic/ pneumatico	a molla meccanica / spring								SVE 01 52 1M0-.....

SVE 01 52 200 -... / SVE 01 52 2D0 -... / SVE 01 53 260 -... /
SVE 01 53 290 -...

DOUBLE SOLENOID PILOT 5/2 - 5/3

DOPPIO COMANDO ELETTROPNEUMATICO 5/2 - 5/3

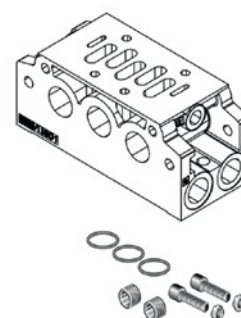
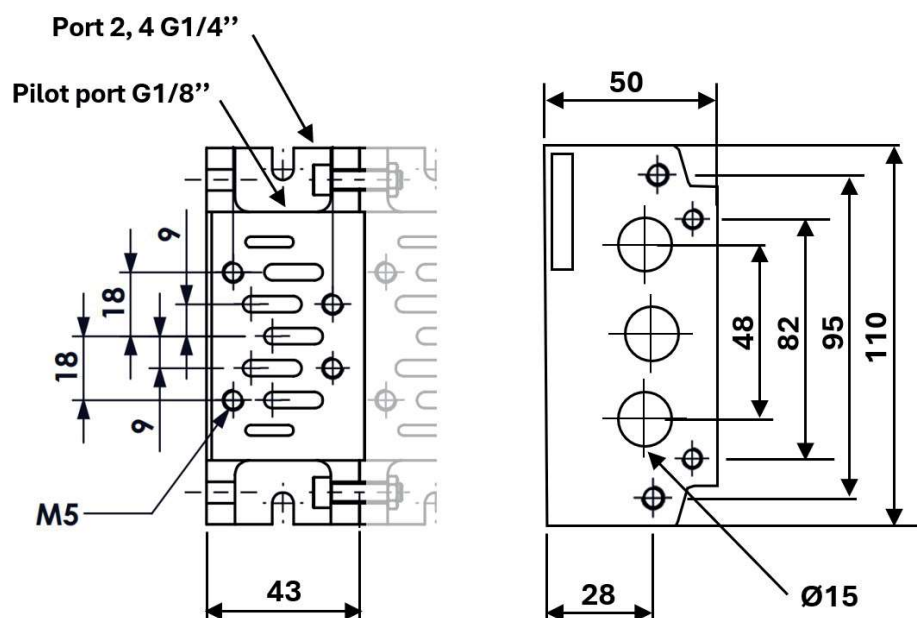


Pneumatic symbol	Size	Type	Pilot	Return	Nominal max frequency (Hz)		Nominal suggested frequency (Hz)		Average actioning response (ms)		Average disactioning response (ms)		Operating pressure range (bar)	Code
Simbolo pneumatico	Taglia	Tipologia	Comando	Ritorno	Frequenza nominale max (Hz)		Frequenza max consigliata (Hz)		Tempo medio risposta in eccitazione (ms)		Tempo medio risposta in diseccitazione (ms)		Pressione di esercizio (bar)	Codice
					AC	DC	AC	DC	AC	DC	AC	DC		
	1	5/2	electro-pneumatic / elettropneumatico	electro-pneumatic / elettropneumatico	27	21	—	—	11	14	11	14	1,5 / 10	SVE 01 52 200-00000
	1	5/2	electro-pneumatic / elettropneumatico	electro-pneumatic / elettropneumatico	25	19	—	—	11	14	12	15	—	SVE 01 52 2D0-00000
	1	5/3	center position closed pneumatic pilot / centri chiusi comando elettropneumatico		8	8	6	6	30	35	35	40	3/10	SVE 01 53 260-00000
	1	5/3	center position open pneumatic pilot / centri aperti comando elettropneumatico		8	8	6	6	30	35	35	40	3/10	SVE 01 53 290-00000

MANIFOLD BASES STANDARD ISO 5599 SIZE 1
BASI PER BATTERIE ISO 5599 TAGLIA 1

BIS 1

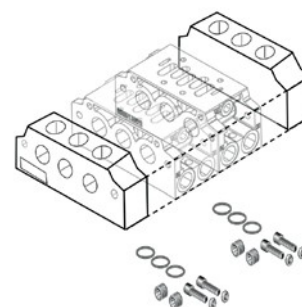
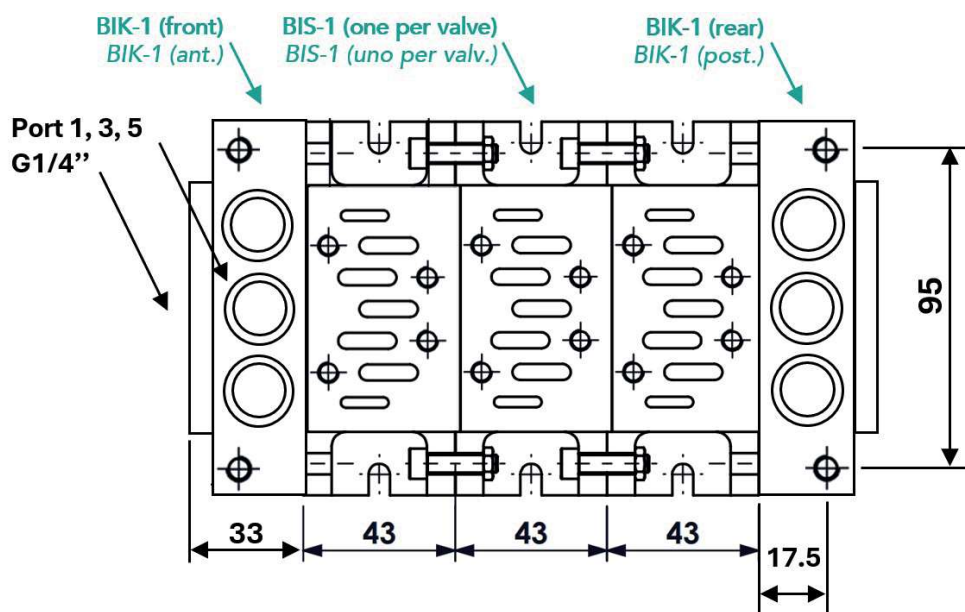
MIDDLE PLATE / BOTTOM SIDE OUT LET
BASE INTERMEDIA USCITE FONDO E LATERALI



MANIFOLD BASES STANDARD ISO 5599 SIZE 1
BASI PER BATTERIE ISO 5599 TAGLIA 1

BIK 1

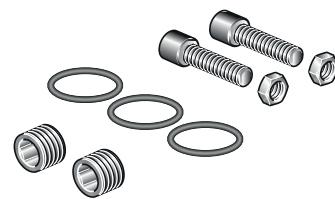
FRONT + REAR ENTRY ASSEMBLY KIT
UP, BOTTOM, LATERAL G1/4 KIT INGRESSO
ANTERIORE + POSTERIORE
CONNESSIONI G1/4 SOPRA, SOTTO, A LATO



BKM 1**ASSEMBLING KIT**
KIT DI RICAMBIO

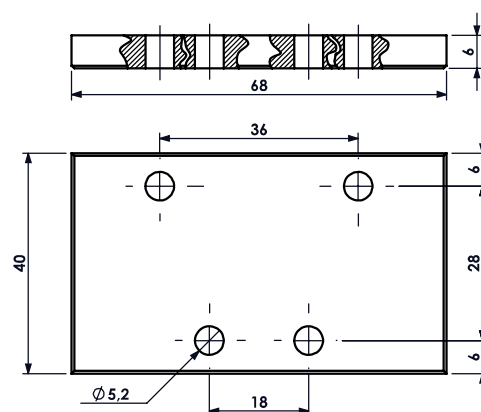
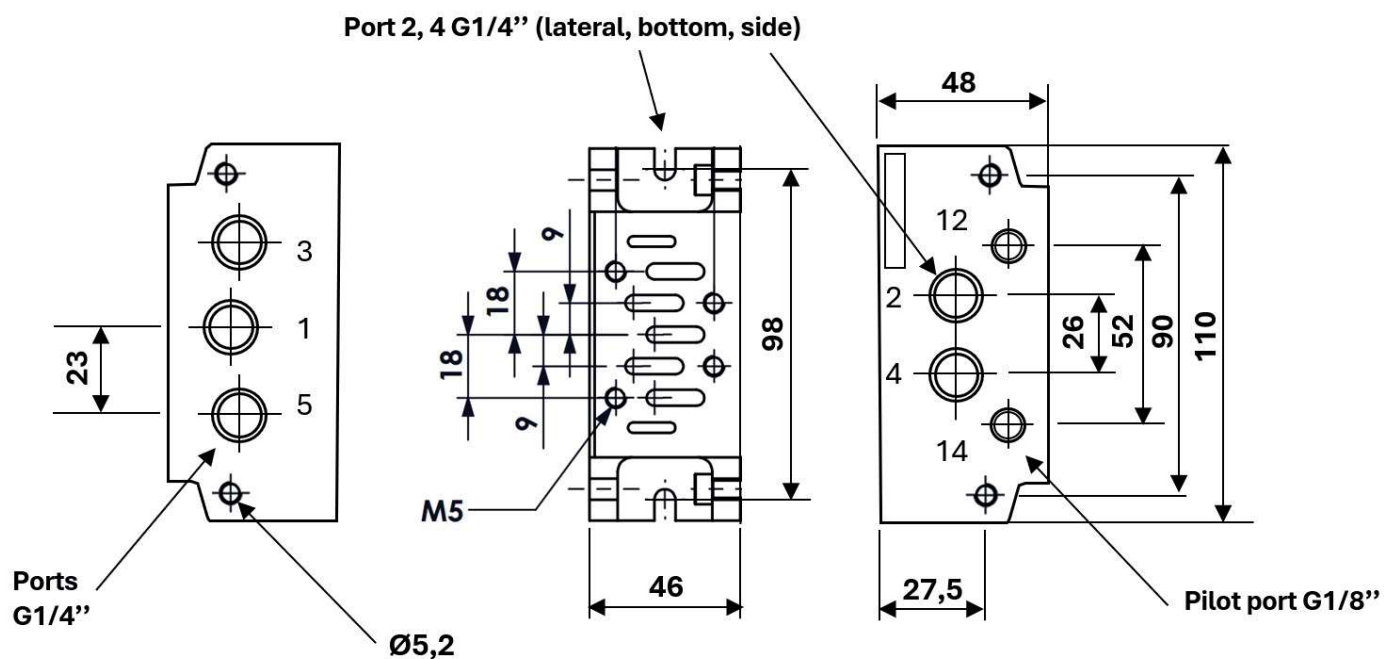
BKM-1 is supplied with **BIK-1**.
Supplied separately on demand.

*Il kit BKM-1 viene fornito con **BIK-1**.
A richiesta può essere fornito come
ricambio.*

**PCBM 1****FLAT PLUG**
POSTO INUTILIZZATO

Supplied with fixing screws.

*La piastrina di chiusura del posto
inutilizzato viene fornita con le viti
per il fissaggio sulla base.*

**BIU 1****STANDARD ISO 5599 SIZE 1 / SINGLE ASSEMBLY**
ISO 5599 TAGLIA 1 / BASE SINGOLA



PNEUMATIC VALVES ISO 1 - 5/3
VALVOLE PNEUMATICHE ISO 1 - 5/3

XSVP

II 2GD c T4 T 155 °C

CODE / CODICE

XSVP01521M0 ... Pag. 120

XSVP0152200 ... Pag. 120



SOLENOID VALVES ISO 1 - 5/2
ELETTRORVALVOLE ISO 1 - 5/2

XSVE

II 2GD c T4 T 155 °C

CODE / CODICE

XSVE01521M0 ... Pag. 120

XSVE10152200 ... Pag. 120

ATEX II 3GD



XMS

II 3GD T6

COIL
SOLENOIDE

XCEP-1

II 3GD ATEX 94/9/CE

SOLENOID CONNECTOR
CONNETTORE

Code / Codice Voltage / Tensione

XMS01200	12 V DC
XMS02400	24 V DC
XMS02450	24 V 50/60Hz AC
XMS11550	115 V 50/60Hz AC
XMS23050	230 V 50/60Hz AC

Description / Descrizione

Code / Codice

Voltage / Tensione

Universal connector
Connettore universale

XCEP-1

All tension / tutte le tensioni

ATEX II 2GD

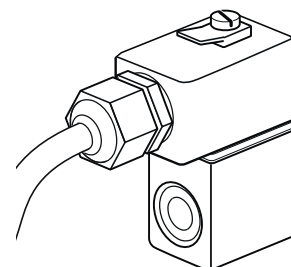


EPC

EXPLOSION PROOF COILS
SOLENOIDE ANTIDEFLAGRANTE

Code / Codice Voltage / Tensione

EPC01200	12 V DC
EPC02400	24 V DC
EPC02450	24 V 50/60Hz AC
EPC04850	48 V 50/60Hz AC
EPC11050	110 V 50/60Hz AC
EPC22050	220 V 50/60Hz AC
EPC23050	230 V 50/60Hz AC

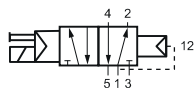


Solenoids EPC series follow II 2G E x mb IIC T5 Gb

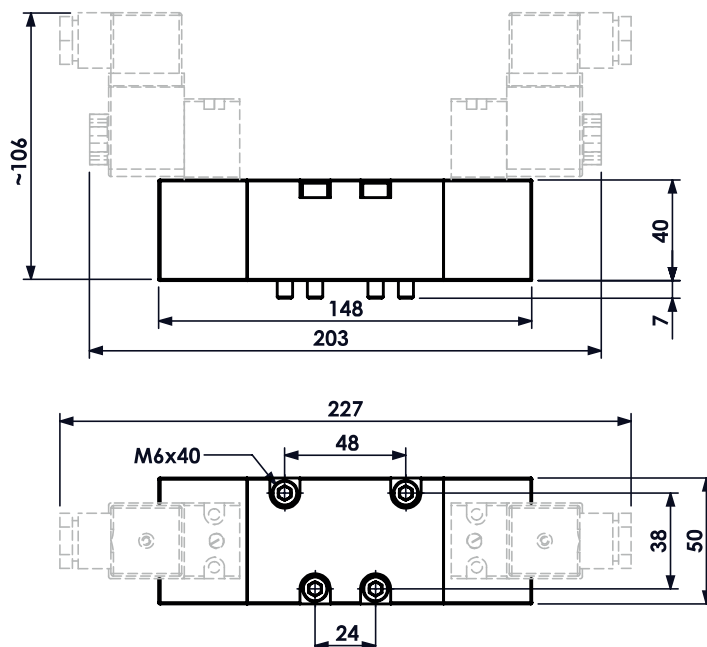
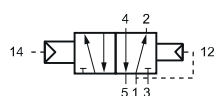
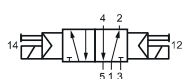
II 2D E x tb IIIC T5 IP66 Db

Il solenoide serie EPC risponde alle specifiche II 2G E x mb IIC T5 Gb

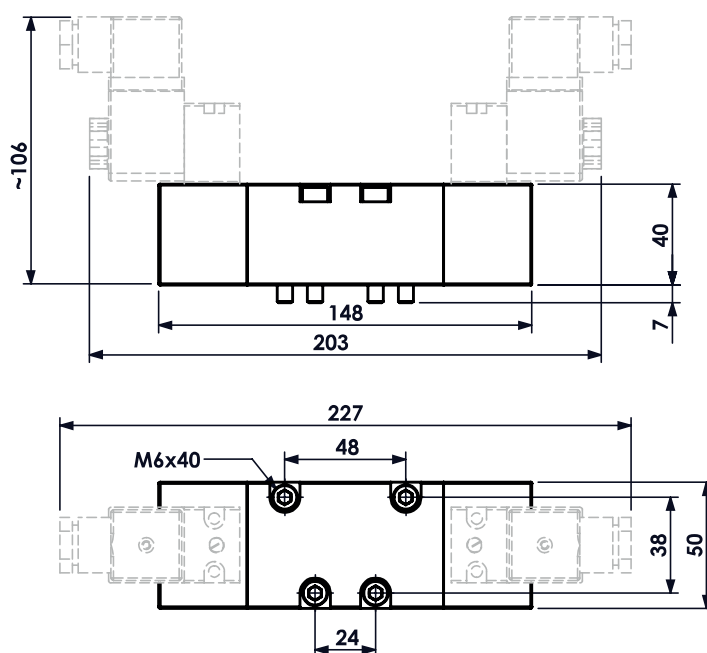
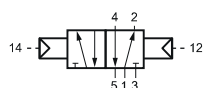
II 2D E x tb IIIC T5 IP66 Db

SVE 02 52 100-...**SINGLE SOLENOID PILOT 5/2**
COMANDO ELETTROPNEUMATICO 5/2

Pneumatic versions
Versioni pneumatiche

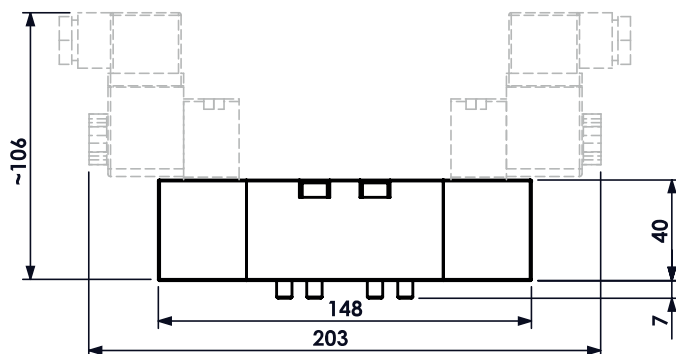
SVP 02 52 100**SVE 02 52 200-...****DOUBLE SOLENOID PILOT 5/2**
DOPPIO COMANDO ELETTROPNEUMATICO 5/2

Pneumatic versions
Versioni pneumatiche

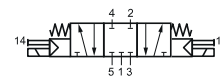
SVP 02 52 200

SINGLE SOLENOID PILOT 5/3
COMANDO ELETTOPNEUMATICO 5/3

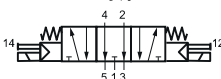
SVE 02 53 260



SVE 02 53 260

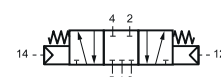


SVE 02 53 290

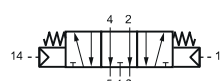


Pneumatic versions
Versioni pneumatiche

SVP 02 53 260

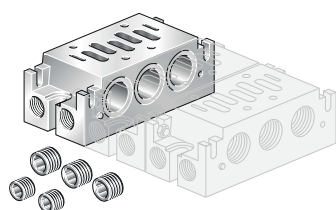


SVP 02 53 290



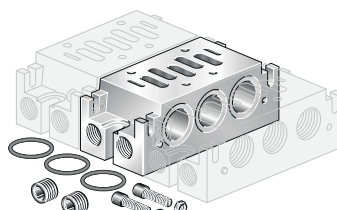
BTC 2

END PLATE / BOTTOM SIDE OUTLET
BASE DI CHIUSURA USCITE FONDO E
LATERALI



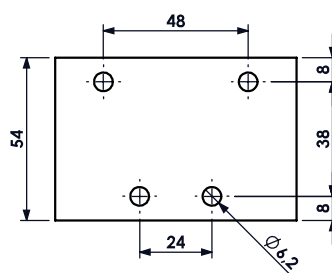
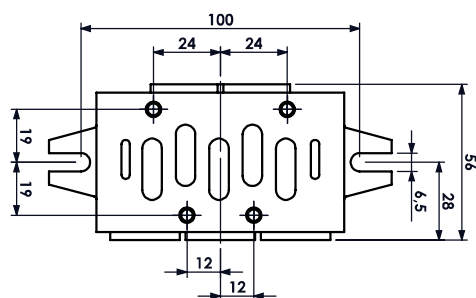
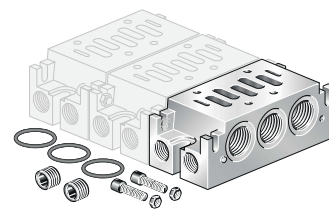
BMI 2

MIDDLE PLATE / BOTTOM SIDE OUTLET
BASE INTERMEDIA USCITE FONDO E
LATERALI



BTI 2

INLET END PLATE / BOTTOM SIDE OUTLET
BASE DI INGRESSO USCITE FONDO E
LATERALI

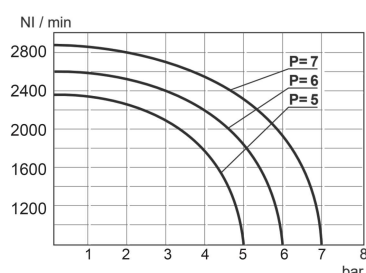


BS 2

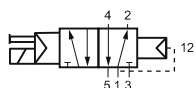
SINGLE SUB BASE
BASE SINGOLA USCITE LATERALI

PCBM 2

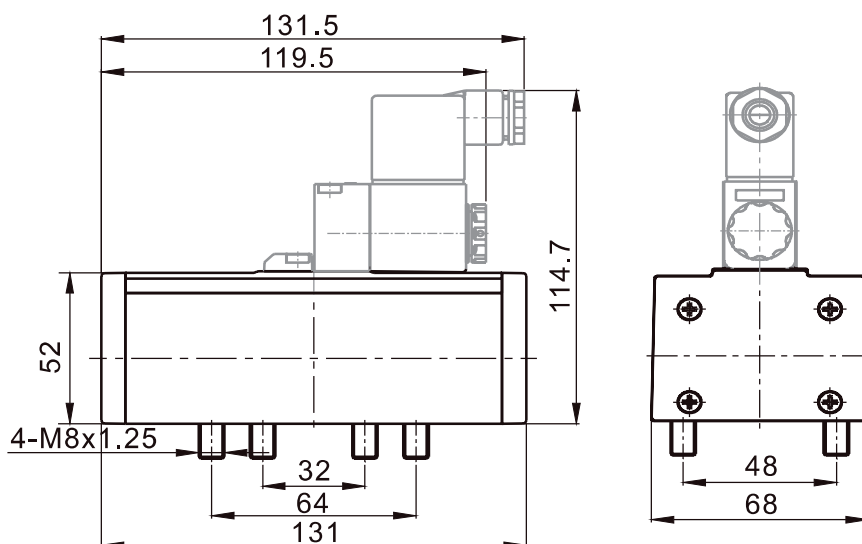
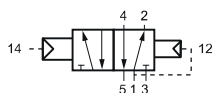
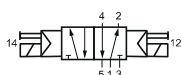
FLAT PLUG
POSTO INUTILIZZATO



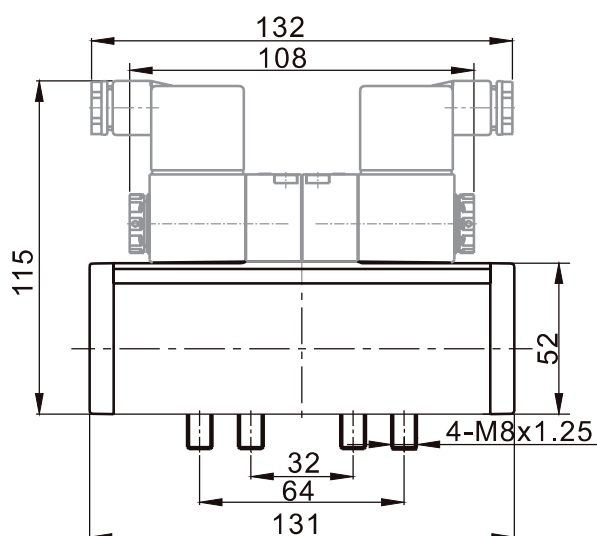
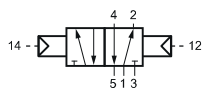
AIR FLOW DIAGRAM
DIAGRAMMA DELLE PORTATE

SVE 03 52 100-...**SINGLE SOLENOID PILOT 5/2**
COMANDO ELETROPNEUMATICO 5/2

Pneumatic versions
Versioni pneumatiche

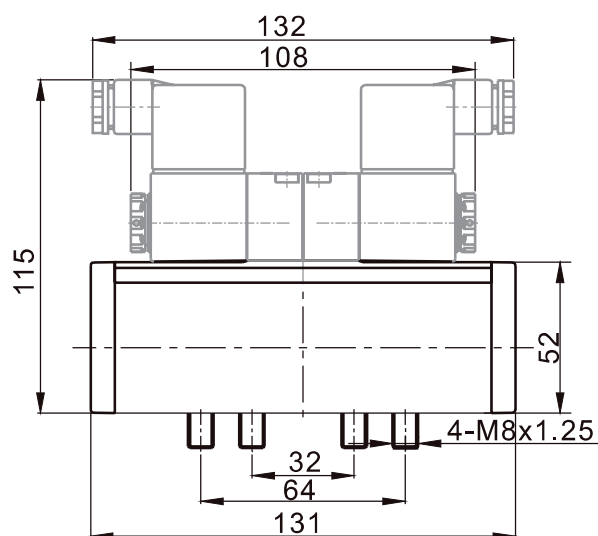
SVP 03 52 100**SVE 03 52 200-...****DOUBLE SOLENOID PILOT 5/2**
DOPPIO COMANDO ELETROPNEUMATICO 5/2

Pneumatic versions
Versioni pneumatiche

SVP 03 52 200

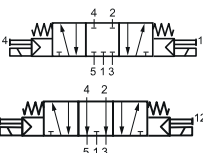
SINGLE SOLENOID PILOT 5/3
COMANDO ELETTROPNEUMATICO 5/3

SVE 03 53 260 -...



SVE 03 53 260

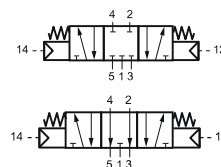
SVE 03 53 290



Pneumatic versions
Versioni pneumatiche

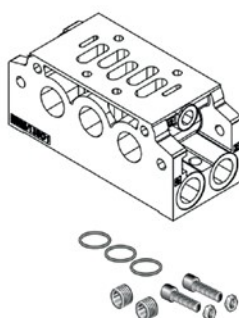
SVP 03 53 260

SVP 03 53 290



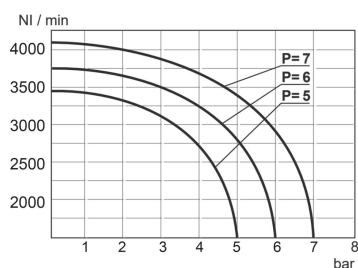
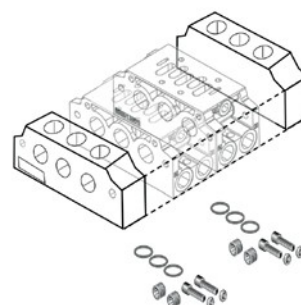
BIS 3

MIDDLE PLATE
BASE INTERMEDIA

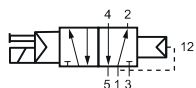


BIK 3

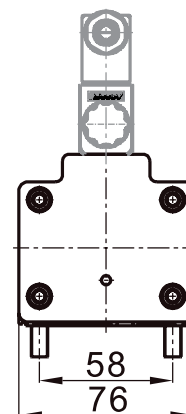
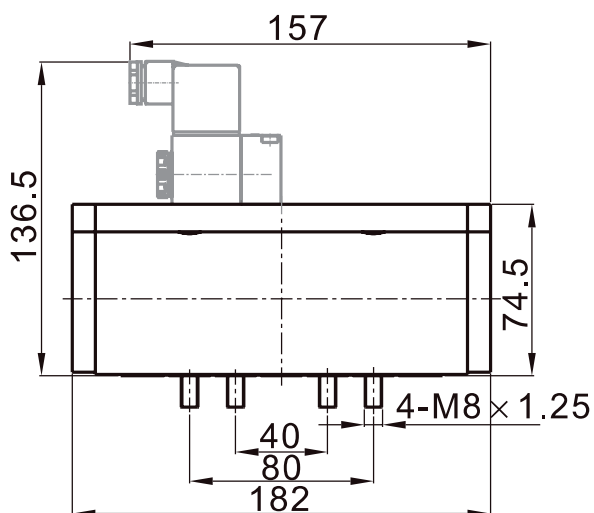
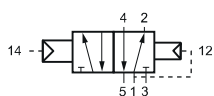
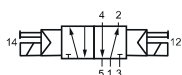
FRONT + REAR ENTRY ASSEMBLY KIT
ANTERIORE + POSTERIORE



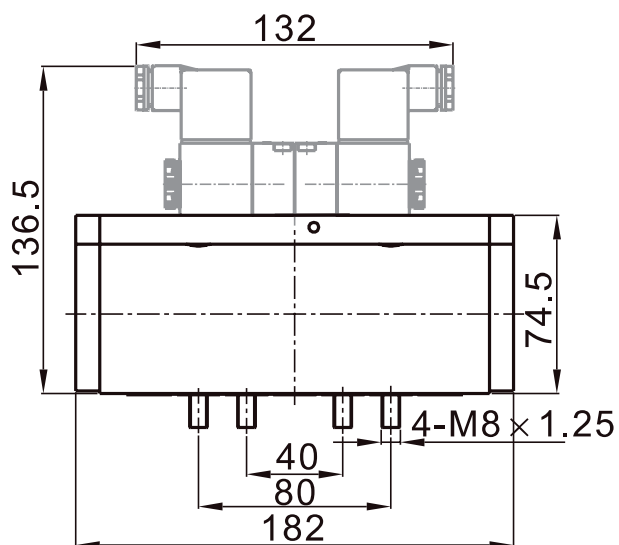
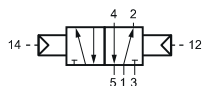
AIR FLOW DIAGRAM
DIAGRAMMA DELLE PORTATE

SVE 04 52 100-...**SINGLE SOLENOID PILOT 5/2**
COMANDO ELETTROPNEUMATICO 5/2

Pneumatic versions
Versioni pneumatiche

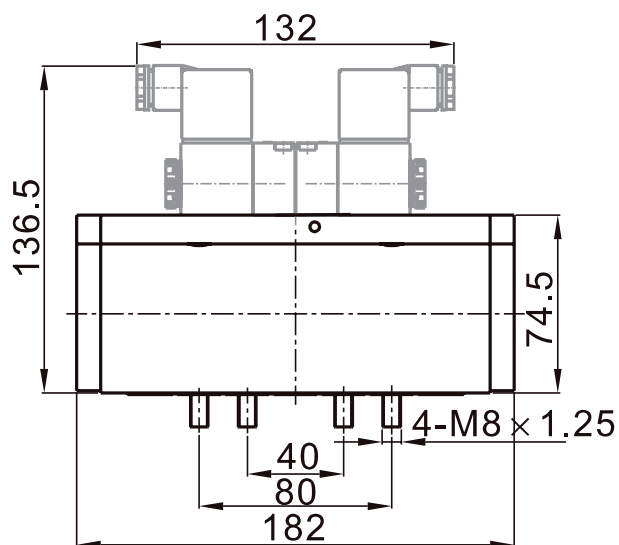
SVP 04 52 100**SVE 04 52 200-...****DOUBLE SOLENOID PILOT 5/2**
DOPPIO COMANDO ELETTROPNEUMATICO 5/2

Pneumatic versions
Versioni pneumatiche

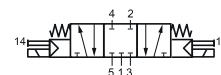
SVP 04 52 200

SINGLE SOLENOID PILOT 5/3
COMANDO ELETTROPNEUMATICO 5/3

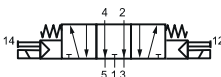
SVE 04 53 260 -...



SVE 04 53 260

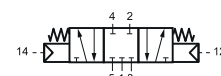


SVE 04 53 290



Pneumatic versions
Versioni pneumatiche

SVP 04 53 260

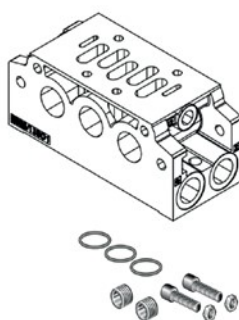


SVP 04 53 290



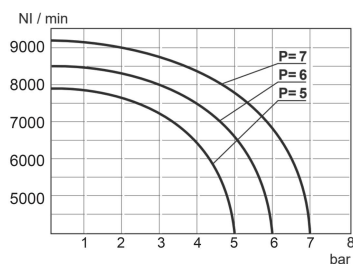
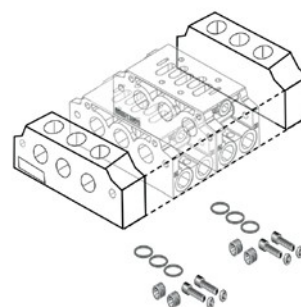
BIS 4

MIDDLE PLATE
BASE INTERMEDIA



BIK 4

FRONT + REAR ENTRY ASSEMBLY KIT
ANTERIORE + POSTERIORE



AIR FLOW DIAGRAM
DIAGRAMMA DELLE PORTATE