



SOLENOID
& MANUAL VALVES







SALA BOLOGNESE (BO) - ITALIA - *ITALY* - SINTERIZZATI - *SINTERED*



SALA BOLOGNESE (BO) - ITALIA - *ITALY* - PNEUMATICA - *PNEUMATIC*



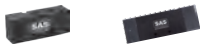
SAULIEU - FRANCIA - *FRANCE*

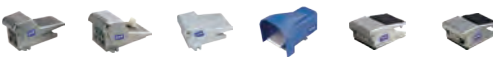


CORFÙ - GRECIA - *GREECE*



SHANGHAI - CINA - *CHINA*

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Dal 1978 produciamo componenti meccanici sinterizzati su disegno del Cliente e boccole sinterizzate in ferro ed in bronzo sia cilindriche che flangiate. La produzione comprende anche le bronzine autolubrificanti con tolleranze Fips, marchio rilevato negli anni novanta. Realizziamo inoltre una vasta gamma di accessori e componenti per la Pneumatica, commercializzati in oltre 70 nazioni sia direttamente che come prodotti OEM. Produciamo infine filtri sinterizzati su disegno, utilizzando il bronzo sferico, l'acciaio inossidabile Aisi 316L (in filo ed in polvere), la ceramica e la plastica porosa.

Since 1978 we have been producing sintered mechanical components based on the customer's design and sintered bushings in iron and bronze, both cylindrical and flanged. The production also includes self-lubricating bushings with Fips tolerances, a brand taken over in the nineties. We also produce a wide range of accessories and components for pneumatics, marketed in over 70 countries both directly and as OEM products. Finally, we produce customized sintered filters, using spherical bronze, Aisi 316L stainless steel (in wire and powder), ceramic and porous plastic.



RESA MERCE: Franco nostro magazzino - **IMBALLO:** 1% - **TRASPORTO:** Sempre a rischio del destinatario anche se la merce è venduta in porto franco. Si prega di voler sempre indicare sugli ordini il nominativo del proprio corriere. In mancanza di tale indicazione decliniamo ogni responsabilità per eventuali disagi. **MATERIALI RESI:** Non si accetta merce di ritorno senza nostra preventiva autorizzazione ed in ogni caso il reso dovrà avvenire in porto franco. **CONTESTAZIONI:** Non si accettano reclami 8 giorni dopo il ricevimento della merce - **PAGAMENTI:** Le condizioni di pagamento saranno quelle concordate ed indicate in fattura e sono vincolanti. Trascorse le scadenze convenute saranno conteggiati gli interessi di mora calcolati secondo il tasso bancario medio praticato alla data del pagamento - **FORO COMPETENTE:** Bologna - **RISERVA DI PROPRIETÀ:** La merce consegnata rimane di riservato dominio della fornitrice, fino all'avvenuto pagamento - **GARANZIE:** I nostri prodotti sono garantiti da polizza R.C. prodotti.



DELIVERY TERMS: ExW SAS Sinterizzati's Plant - **PACKING:** 1% - **TRANSPORT:** The risk of transport is carried by the customer, even if it has been agreed that we will take care of, organize or be otherwise involved in the transport. The Customer must always communicate the name of the Carrier. Without such indication we don't accept any liability in case of failures - **RETURNED PRODUCTS:** Subject to SAS's prior written authorization, non-complying products may be returned by Customer at its own expense - **COMPLAINTS:** Any hidden defects of the products must be reported by Customer within 8 days of their receipt - **TERMS OF PAYMENT:** The prices of the products shall be those stated in the corresponding Order Confirmation and Invoice. In case of failure by Customer to pay any amount due, SAS Sinterizzati Srl shall be entitled to calculate interests in arrears as per Legislative Decree - **JURISDICTION COURT:** Bologna - **PRODUCTS PROPERTY:** All goods remain the property of SAS Sinterizzati Srl until payment in full is received - **WARRANTY:** SAS products are guaranteed by insurance R.C.



CONDITIONS DE LIVRAISON: ExW SAS Sinterizzati - **EMBALLAGE:** 1% du montant de la facture - **TRANSPORT:** Le risque du transport est de la responsabilité du client. Le client doit toujours communiquer le nom du transporteur. Sans ces indications, nous dégageons toute responsabilité dans le cas de problème - **RETOUR DE PRODUITS:** Sans accord écrit de SAS Sinterizzati, tous les coûts concernant le retour de marchandise ne pourront être pris en charge par SAS Sinterizzati - **RÉCLAMATIONS:** Toute non-conformité de produit devra être communiquée sous un délai de 8 jours maximum à réception des marchandises pour que la réclamation puisse être prise en compte - **CONDITIONS DE PAIEMENT:** Les prix et délais de paiement des produits sont ceux qui sont précisés sur nos propositions, confirmation de commande et facturation. Toute facture dont le paiement ne serait pas effectué à la date d'échéance donnera lieu à des calculs d'intérêt suivant décret législatif - **CLAUDE ATTRIBUTIVE DE JURIDICTION:** En cas de différend, le Tribunal de Bologne est seul compétent - **RÉSERVE DE PROPRIÉTÉ:** Le transfert de propriété des marchandises livrées est différé jusqu'au paiement intégral du prix correspondant - **GARANTIE:** Les produits de SAS Sinterizzati sont garantis par une assurance de responsabilité civile.



LIEFERBEDINGUNGEN: ExW SAS Sinterizzati's Werk - **VERPACKUNG:** 1% - **TRANSPORT:** Das Transportrisiko wird vom Kunden getragen, auch wenn es vereinbart wurde, wir kümmern uns um, organisieren oder werden anderweitig am Transport beteiligt. Der Kunde muss immer den Namen des Luftfrachtführers mitteilen. Ohne solche Angabe übernehmen wir keine Haftung bei Ausfällen - **RÜCKGABEPRODUKTE:** Vorbehaltlich der vorherigen schriftlichen Genehmigung von SAS können nicht abweichende Produkte vom Kunden auf eigene Kosten zurückgesandt werden - **BESCHWERDEN:** Alle verborgenen Mängel der Produkte sind zu melden vom Kunden innerhalb von 8 Tagen nach deren Eingang - **ZAHLUNGSBEDINGUNGEN:** Die Preise der Produkte sind diejenigen, die in der entsprechenden Widerrufserklärung angegeben sind. SAS Sinterizzati Srl ist berechtigt, die Verzugszinsen nach dem Gesetzesdekret zu berechnen - **GERICHTSSTANDSGERICHT:** Bologna - **PRODUKTE EIGENTUM:** Alle Waren bleiben Eigentum von SAS Sinterizzati Srl bis zur vollständigen Bezahlung erhalten - **WAIRRANTY:** SAS Produkte werden durch Versicherung RC garantiert



ENTREGA DE LA MERCANCÍA: Disponible para el adquirente en nuestro almacén - **EMBALAJE:** 1% - **TRANSPORTE:** Es siempre a riesgo del receptor/adquirente aún cuando la mercancía es vendida en puerto gratuito. Se pide de indicar siempre en los pedidos el nombre de vuestra empresa de transporte/transportista. En ausencia de tal indicación, no aceptamos ninguna responsabilidad por cualquier malentendido o error - **MERCANCÍA DEVUELTA:** No aceptamos devolución de mercancía sin nuestra autorización previa y en cualquier caso la devolución deberá ser hecha a cargo del adquirente. **CONTESTACIONES:** No aceptamos quejas/reclamos 8 días después de la recepción de la mercancía - **PAGOS:** Las condiciones de pago serán las acordadas e indicadas en la factura y son vinculantes. Pasados los plazos acordados, serán aplicados los intereses de demora calculados según el interés bancario promedio aplicado en la fecha de pago - **JURISDICCION:** Bolonia - **RESERVA DE PROPIEDAD:** La mercancía suministrada sigue siendo de nuestra propiedad hasta que el adquirente haya realizado el pago completo de todo - **GARANCIAS:** Nuestros productos están asegurados por la póliza R.C. Productos.



ENTREGA: Em nosso depósito - **EMBALAGEM:** 1% - **TRANSPORTE:** Todos os riscos são responsabilidades do destinatário inclusive quando a entrega for em franco de porte. Indicar sempre o nome do transportador no pedido de compra. Na falta de tal indicação não nos responsabilizamos por qualquer transtorno - **DEVOLUÇÕES:** Não serão aceitas devoluções de mercadorias sem a nossa prévia concordância e em todos os casos tais procedimentos serão custeados pelo emiteente - **RECLAMAÇÕES:** Todas as reclamações deverão ser apresentadas em até 8 dias após a entrega da mercadoria - **CONDIÇÕES DE PAGAMENTO:** As condições de pagamento serão previamente acordadas e indicadas no pedido de compra sendo as mesmas indispensáveis. Findo o prazo limite de vencimento estipulado, reservamo-nos o direito de aplicar juros bancários até a regularização do pagamento - **FORO COMPETENTE:** Bolonha - **RESERVA DE PROPRIEDADE:** Até a completa finalização dos pagamentos em aberto, reservamo-nos o direito de propriedade da mercadoria fornecida - **GARANTIA:** Nossos produtos são assegurados por uma empresa de responsabilidade civil.



ÅTERSTÄLL VAROR: Ex-verk från vårt lager - **FÖRPACKNING:** 1% - **TRANSPORT:** Alltid på mottagarens risk även om varorna säljs. Vill du alltid ange namnet på din kurir vid beställningar. I avsaknad av denna indikation, avisar vi något ansvar för eventuella fel. **ÅTERBETALAT MATERIAL:** Återlämnade varor accepteras inte utan vår förhandsgodkännande och i vilket fall som helst måste returen betalas. Tvister: klagomål accepteras inte 8 dagar efter mottagandet av varorna - **BETALNINGAR:** Betalningsvillkoren är de som avtalats och anges på fakturan och är bindande. När de överenskomna tidsfristerna har gått, beräknas standardräntan beräknas enligt den gemensnittliga bankräntan som tillämpades på betalningsdatumet - **JURISDIKTION:** Bologna - **RESERVE AV ÄGARE:** Levererade varor förblir leverantörens reserverade domän tills betalning har gjorts - **GARANTIER:** I våra produkter garanteras av en RC-policy produkter.



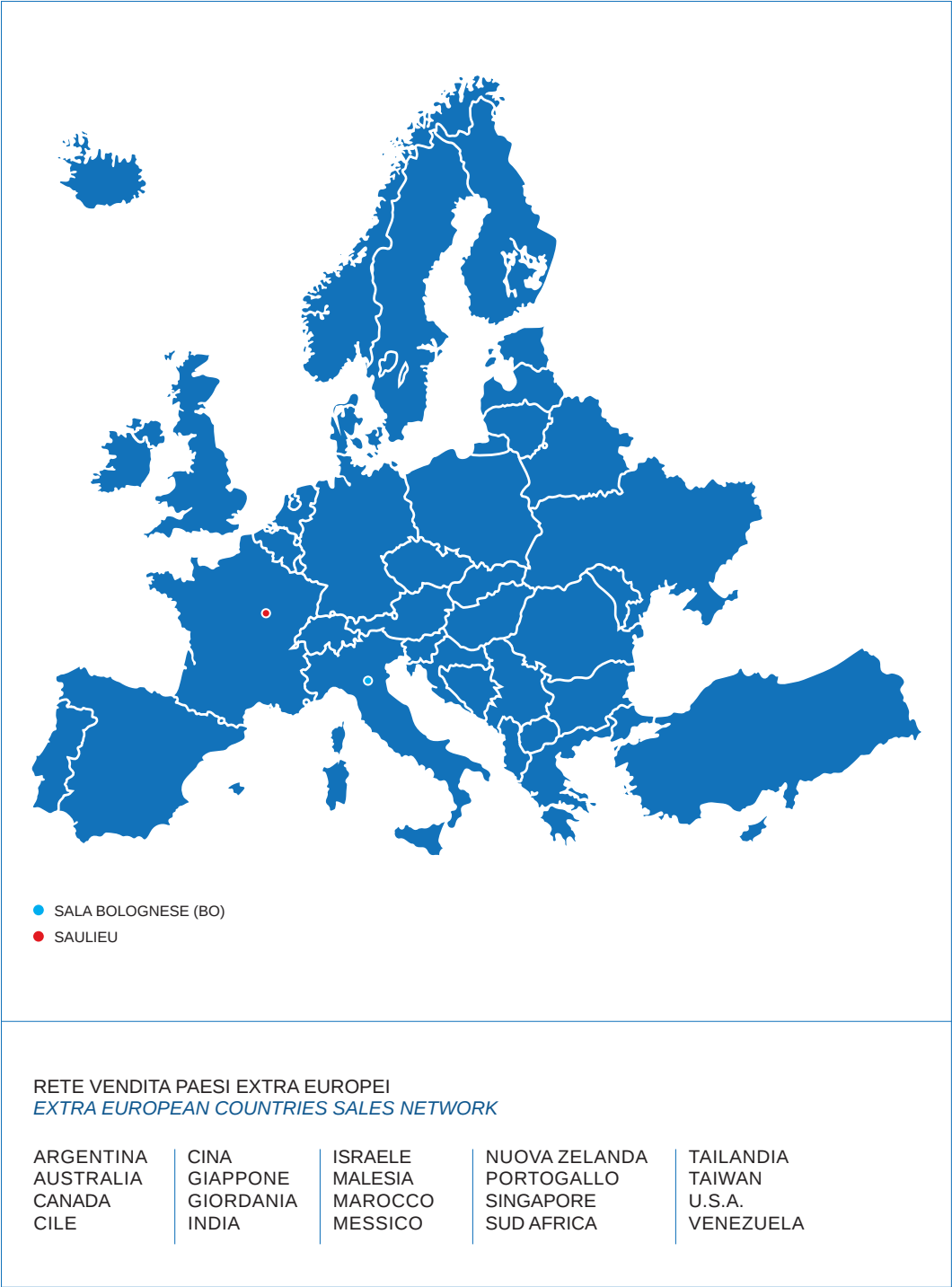
LEVERINGSBETINGELSER: EXW SAS - **PAKKEOMKOSTNINGER:** 1% - **FORSENDELSE:** Risikoen for transport er pålagt modtageren af varen selv om afsender er involveret i forsendelsen. Kunden skal altid informere om transportøren som skal bruges, uden denne Acceptere vi ikke klager såfremt noget går galt - **RETURNEREDE VARE:** Omkostninger ved tilbage levering, tilfaldet køber - **KLAGER:** ved fejl og mangler skal der informeres skriftligt inden 8 dage fra modtagelse af varen - **BETALINGSBETINGELSER:** Priserne er ifølge fremsendte ordrebekræftelser og fakturaer. Såfremt betaling ikke bliver modtaget i henhold til dette, vil SAS sende faktura på renter og omkostninger med dette - **LOV AFGØRELSE:** Bologna - **EJENDOMSRET AF VARENE:** Indtil fuld betaling er modtaget er ejendomsretten af varen SAS - **GARANTI:** Varen er forsikret under R.C.



交货条款: SAS 工厂交货 - **包装:** 1% - **运输:** 运输风险由客户承担, 即使运输是我们同意照看或得组织或者以其它方式参与客户必须一直保持与承运人的联系, 否则如果运输失败, 我们不承担任何责任。 - **退回产品:** 经SAS事先书面确认的, 不符合规定的产品可由客户自费退回 - **投诉:** 产品的任何隐藏缺陷必须在收到后8天内由客户报告 - **付款条款:** 产品的货款应为相应订单和发票确认的价格。如客户未能支付任何款项, SAS Sinterizzati Srl有权根据法令计算拖欠的利息。 **管辖法院:** 博洛尼亚 - **产品财产:** 所有货物仍然是SAS Sinterizzati Srl的财产直到收到全额付款 - **保证:** SAS产品由保险R.C.



Στις εγκαταστάσεις μας ΣΥΣΚΕΥΑΣΙΑ: 1% - **ΜΕΤΑΦΟΡΑ:** Πάντα σε κίνδυνο του παραλήπτη, ακόμη και αν έχει συμφωνηθεί ότι θα τα φροντίσουμε, θα οργανώσουμε ή θα συμμετάσχουμε με άλλο τρόπο στη μεταφορά. Ο Πελάτης πρέπει πάντα να γνωστοποιεί το όνομα του Μεταφορέα. Ελλείψει τέτοιας ένδειξης, παραβλέπουμε οποιαδήποτε ευθύνη για τυχόν αβλήματα. **ΕΠΙΣΤΡΟΦΕΣ ΥΛΙΚΩΝ:** Δεν δεχόμαστε τα εμπορεύματα επιστροφής χωρίς την προηγούμενη εξουσιοδότησή μας και σε κάθε περίπτωση η επιστροφή πρέπει να γίνει από τον Πελάτη με δικά του έξοδα. **ΠΑΡΑΠΟΝΑ:** Δεν δεχόμαστε παράπονα 8 ημέρες μετά την παραλαβή των αγαθών. **ΠΛΗΡΩΜΕΣ:** Οι όροι πληρωμής θα είναι εκείνοι που έχουν συμφωνηθεί και αναγράφονται στο τιμολόγιο και είναι δεσμευτικοί. Μετά τις συμφωνημένες προθεσμίες θα υπολογίζονται τόκοι υπερημερίας που υπολογίζονται με βάση το μέσο τραπεζικό επιτόκιο χρέωσης κατά την ημερομηνία της πληρωμής. **ΔΙΚΑΙΟΔΟΣΙΑ:** Δικαστήρια της Μπολόνια. **ΚΡΑΤΗΣΗ ΙΔΙΟΚΤΗΣΙΑΣ:** Όλα τα αγαθά παραμένουν στην ιδιοκτησία του προμηθευτή μέχρι την πλήρη εξόφληση. **ΕΠΥΨΗΣΙΣ:** Ο Τα προϊόντα μας είναι εγγυημένα από την ασφάλεια R.C.



ATEX



ATEX

SILENZIATORI



SILENCERS

REGOLATORI



REGULATORS

RACCORDI



FITTINGS

ACCESSORI



ACCESSORIES

FILTRI PER COLLA



GLUE FILTERS

TUBI E SPIRALI BASIC



TUBES BASIC

TUBI E SPIRALI
PROFESSIONAL



TUBES PROFESSIONAL

VIBRATORI PNEUMATICI



PNEUMATIC VIBRATORS

GIUNTI ROTANTI



ROTARY JOINTS

LAME D'ARIA



MODULAR AIR WINGS®

TUBI REFRIGERATORI
PNEUMATICI



ICE VALVE
PANEL COOLER

ATTUATORI PNEUMATICI



ACTUATORS

VALVOLE A SFERA
E FARFALLA



VALVES

VALVOLE AUSILIARIE



AUXILIARY VALVES

ELETTROVALVOLE



SOLENOID VALVES

ISOLE DI VALVOLE



ISLES OF VALVES

CILINDRI



CYLINDERS

CILINDRI ELETTRICI



ELECTRIC CYLINDERS

HANDLING



HANDLING

FISSAGGI



CYLINDER'S
MOUNTING PARTS

TRATTAMENTO ARIA



AIR TREATMENT UNIT
A-D-X - TYPE

VACUUM



VACUUM

MOTORI AD ARIA



AIR MOTORS

PIASTRE DI MASSA



GROUND PLATES

EXTRA



EXTRA

FILTRI



FILTERS

BOCCOLE SINTERIZZATE



SINTERED BEARINGS

BOCCOLE KU
AUTOLUBRIFICANTI



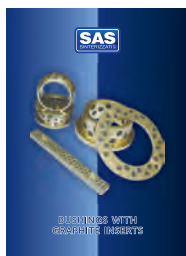
SLIDING BEARINGS

BOCCOLE
AUTOLUBRIFICANTI FIPS



FIPS® SINTERED
BEARINGS

BOCCOLE CON INSERTI
IN GRAFITE



BUSHINGS WITH
GRAPHITE INSERTS

SPINE E RULLINI



PINS AND ROLLERS

ACCIAIO INOX



STAINLESS STEEL



Per visualizzare e scaricare i PDF dei Fascicoli Tecnici SAS:
To view and download the PDFs of the SAS Technical Files:

www.sassinterizzati.com/download

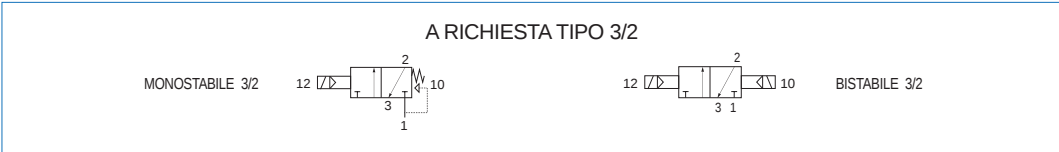


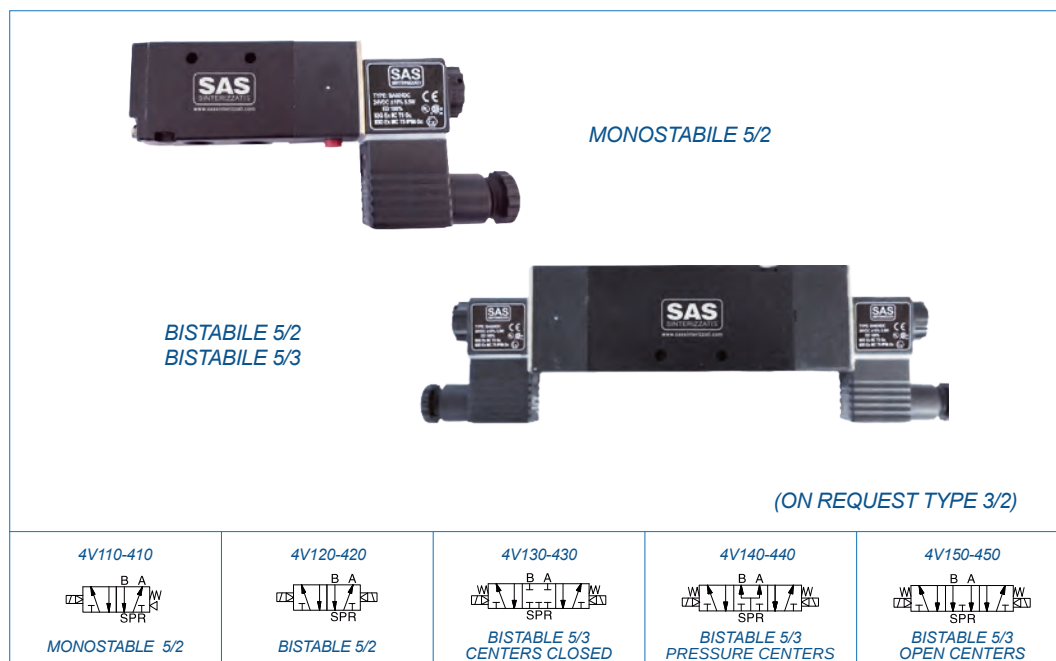
4V110-410 MONOSTABILE 5/2	4V120-420 BISTABILE 5/2	4V130-430 BISTABILE 5/3 CENTRI CHIUSI	4V140-440 BISTABILE 5/3 CENTRI IN PRESSIONE	4V150-450 BISTABILE 5/3 CENTRI APERTI
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SPECIFICHE

CONNESSIONE	M5	G1/8	G1/8	G1/4 (Ex.G1/8)	G1/4	G3/8 (Ex.G1/4)	G3/8	G1/2
AREA DI PASSAGGIO (mm²)	5/2:5,5 (CV=0,31) 5/3:5,5 (CV=0,28)	5/2:12 (CV=0,67) 5/3:9 (CV=0,50)	5/2:14 (CV=0,78) 5/3:12 (CV=0,67)	5/2:16 (CV=0,89) 5/3:12 (CV=0,67)	5/2:25 (CV=1,40) 5/3:18 (CV=1,00)	5/2:30 (CV=1,68) 5/3:18 (CV=1,00)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)
FLUIDO	ARIA FILTRATA (40 µm)							
TIPO DI AZIONAMENTO	PILOTA							
LUBRIFICAZIONE	NON RICHIESTA							
PRESSIONE DI ESERCIZIO (Bar)	1,5 - 8							
MASSIMA PRESSIONE (Bar)	12							
TEMPERATURA DI ESERCIZIO (°C)	-5 ~ +60 (ARIA SECCA)							
VOLTAGGIO (VARIAZIONE)	12 V DC - 24 V DC / 110 V AC - 220 V AC (-15% ~ +10%)							
CONSUMO A REGIME	DC: 2,8 W; AC: 3,0 VA		DC: 4,8 W; AC: 5,0 VA					
CLASSE DI ISOLAMENTO	F							
GRADO DI PROTEZIONE	IP65 (DIN 40050)							
FREQUENZA MASSIMA	5/2: 5 CICLI / s;				5/3: 3 CICLI / s;			
TEMPO DI RISPOSTA (S)	< 0,05							

5/2 PILOTAGGIO INTERNO

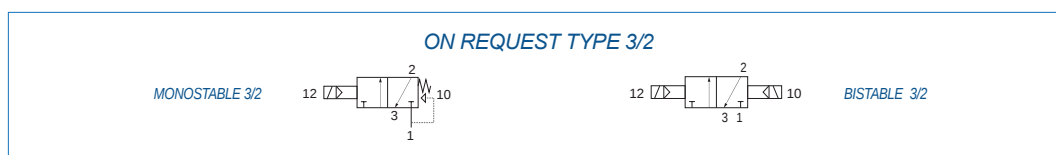




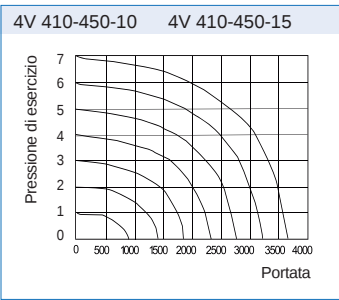
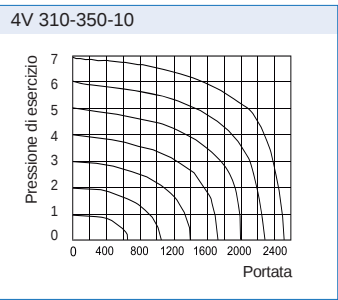
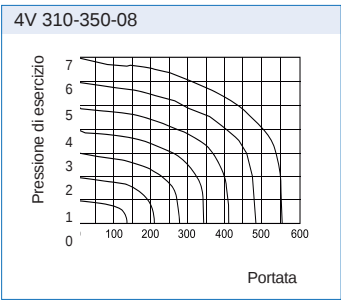
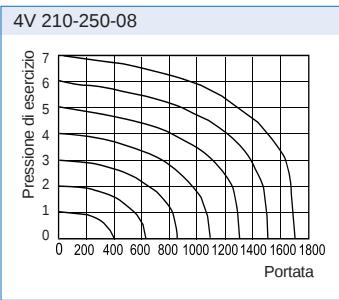
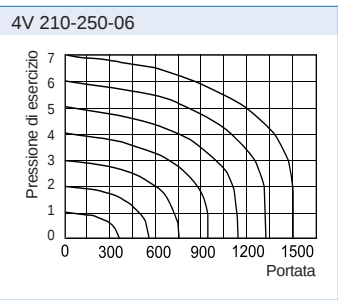
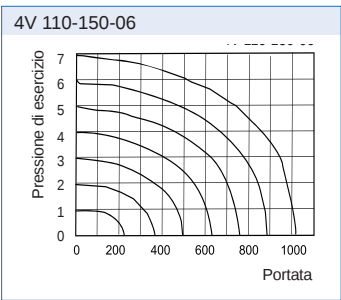
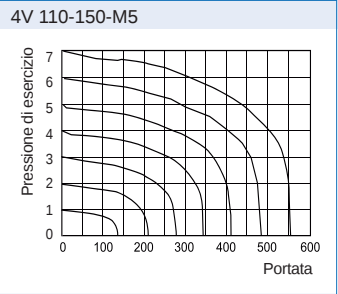
SPECIFICATIONS

CONNECTION	M5	G1/8	G1/8	G1/4 (Ex.G1/8)	G1/4	G3/8 (Ex.G1/4)	G3/8	G1/2
PASSAGE AREA (mm²)	5/2:5.5 (CV=0,31) 5/3:5.5 (CV=0,28)	5/2:12 (CV=0,67) 5/3:9 (CV=0,50)	5/2:14 (CV=0,78) 5/3:12 (CV=0,67)	5/2:16 (CV=0,89) 5/3:12 (CV=0,67)	5/2:25 (CV=1,40) 5/3:18 (CV=1,00)	5/2:30 (CV=1,68) 5/3:18 (CV=1,00)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)
FLUID	FILTERED AIR (40 µm)							
TYPE OF DRIVE	PILOT							
LUBRICATION	NOT REQUIRED							
WORKING PRESSURE (Bar)	1,5 - 8							
MAXIMUM PRESSURE (Bar)	12							
WORKING TEMPERATURE (°C)	-5 ~ +60 (DRY AIR)							
VOLTAGE (VARIATION)	12 V DC - 24 V DC / 110 V AC - 220 V AC (- 15% ~ + 10%)							
REGIME CONSUMPTION	DC: 2,8 W; AC: 3,0 VA		DC: 4,8 W; AC: 5,0 VA					
INSULATION CLASS	F							
DEGREE OF PROTECTION	IP65 (DIN 40050)							
MAXIMUM FREQUENCY	5/2: 5 CYCLES / s; 5/3: 3 CYCLES / s;							
RESPONSE TIME (S)	< 0,05							

5/2 INTERNAL PILOT



DIAGRAMMI DI PORTATA



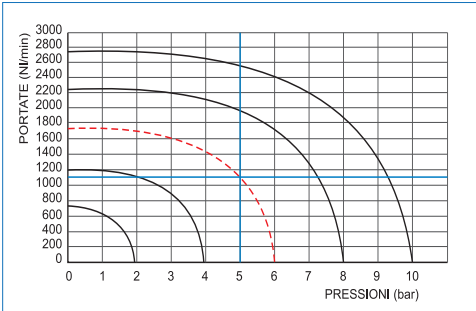
CALCOLO DELLA PORTATA DI UNA VALVOLA

Per calcolare la portata di una valvola si può utilizzare il grafico a fianco riportato. (Ipotezzando una pressione di ingresso di 6 Bar, un $\Delta P = 1$ Bar e 20 °C di temperatura). La linea verticale in corrispondenza di 5 Bar andrà ad intersecare la curva relativa a 6 Bar. (6 Bar di pressione di ingresso meno il ΔP di 1 Bar). Dal punto di intersezione si tracci una linea orizzontale che individuerà sull'asse relativo alle portate il valore cercato.

Si possono utilizzare anche le seguenti formule:

$K_v = Q_n / 1.100$ e $C_v = Q_n / 984$

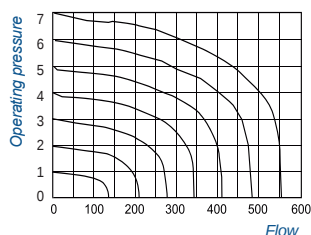
(Vedi tabella sotto riportata)



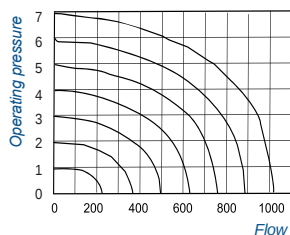
Q_n (Nl/min)	K_v	C_v	Q_n (Nl/min)	K_v	C_v	Q_n (Nl/min)	K_v	C_v	Q_n (Nl/min)	K_v	C_v
100	0,090	0,102	300	0,272	0,305	600	0,545	0,610	1500	1,365	1,525
150	0,136	0,152	400	0,365	0,406	800	0,728	0,814	2000	1,818	2,032
200	0,182	0,202	500	0,455	0,508	1000	0,910	1,016	4000	3,635	4,065

FLOW DIAGRAMS

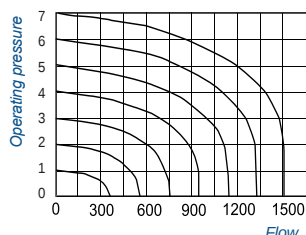
4V 110-150-M5



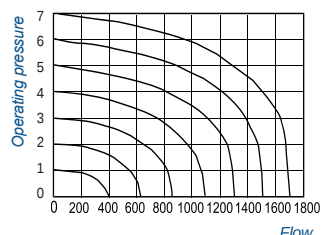
4V 110-150-06



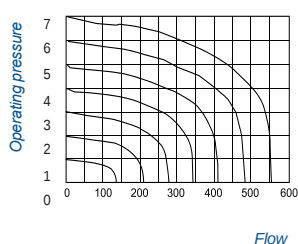
4V 210-250-06



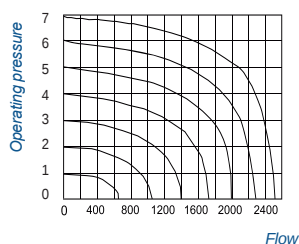
4V 210-250-08



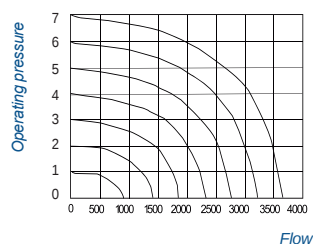
4V 310-350-08



4V 310-350-10



4V 410-450-10 4V 410-450-15



CALCULATION OF THE FLOW OF A VALVE

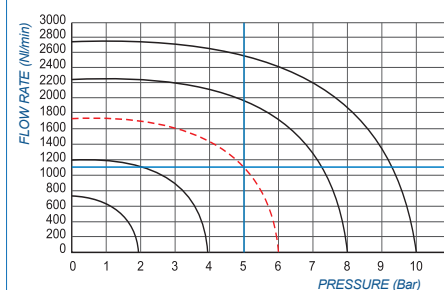
To calculate the flow rate of a valve, the graph shown alongside can be used. (Assuming an inlet pressure of 6 Bar, a $\Delta P = 1$ Bar and a temperature of 20 °C).

The vertical line at 5 Bar will intersect the curve relating to 6 Bar. (6 Bar of inlet pressure minus the ΔP of 1 Bar). From the point of intersection, draw a horizontal line which will identify the value sought on the axis relating to the flow rates.

The following formulas can also be used:

$$K_v = Q_n / 1,100 \text{ and } C_v = Q_n / 984$$

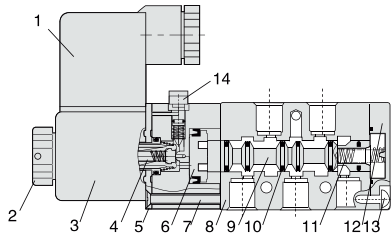
(See table below)



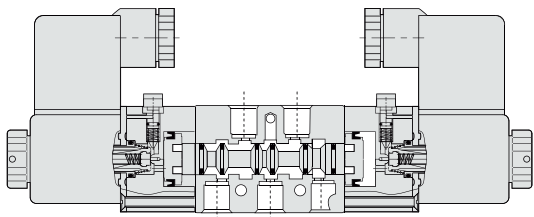
Q_N (Nl/min)	K_v	C_v	Q_N (Nl/min)	K_v	C_v	Q_N (Nl/min)	K_v	C_v	Q_N (Nl/min)	K_v	C_v
100	0,090	0,102	300	0,272	0,305	600	0,545	0,610	1500	1,365	1,525
150	0,136	0,152	400	0,365	0,406	800	0,728	0,814	2000	1,818	2,032
200	0,182	0,202	500	0,455	0,508	1000	0,910	1,016	4000	3,635	4,065

STRUTTURA INTERNA

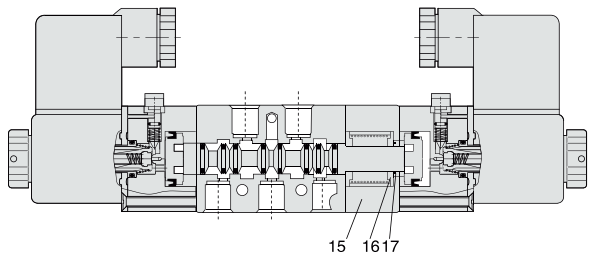
MONOSTABILE



BISTABILE



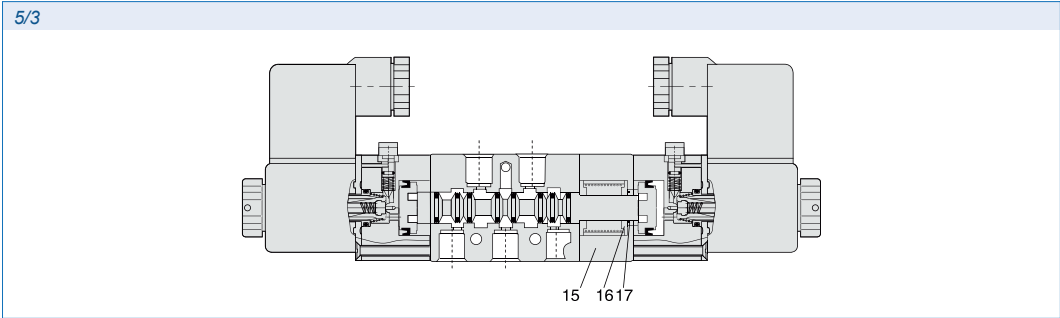
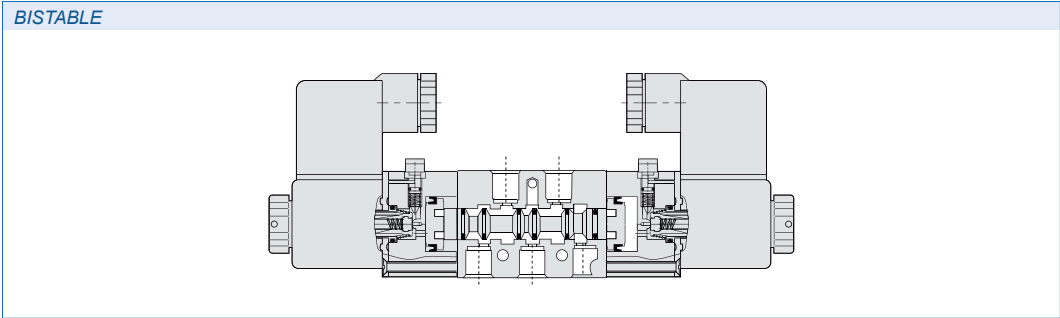
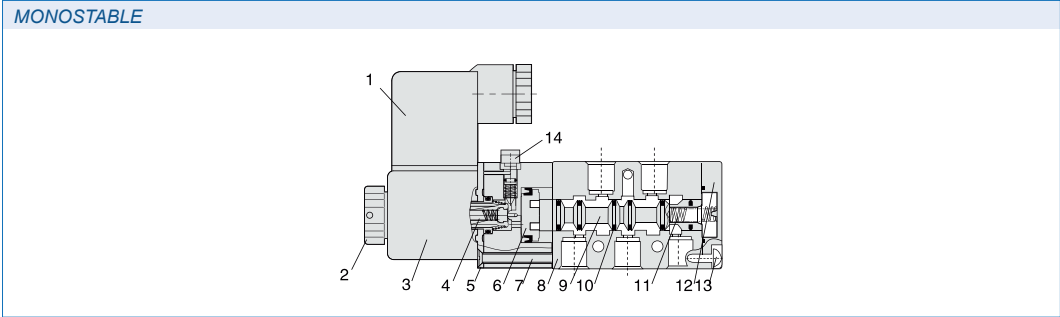
5/3



No.	PARTICOLARE	MATERIALE
1	CONNETTORE	PLASTICA RINFORZATA
2	DADO	POM+ ACCIAIO AL CARBONIO
3	BOBINA	RAME
4	UNITÀ PILOTA	
5	PIATTELLO	ACCIAIO AL CARBONIO
6	PISTONE	POM
7	VITE	ACCIAIO AL CARBONIO
8	CORPO VALVOLA	LEGA DI ALLUMINIO
9	SPOLA	LEGA DI ALLUMINIO

No.	PARTICOLARE	MATERIALE
10	O-RING	HNBR
11	MOLLE	ACCIAIO INOX
12	TESTATA POSTERIORE	LEGA DI ZINCO
13	VITE	ACCIAIO INOX
14	AZIONAMENTO MANUALE	PLASTICA RINFORZATA
15	FONDELLO POSTERIORE	LEGA DI ALLUMINIO
16	MOLLA	LEGA DI ALLUMINIO
17	PIASTRINA	ACCIAIO

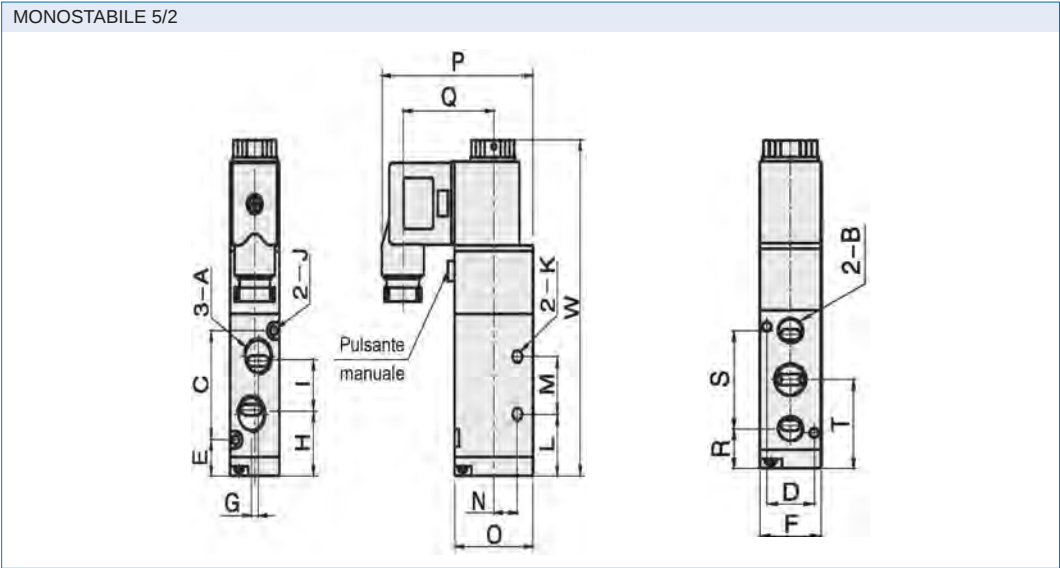
INTERNAL STRUCTURE



No.	PARTICULAR	MATERIAL
1	CONNECTOR	REINFORCED PLASTIC
2	NUT	POM+ CARBON STEEL
3	COIL	COPPER
4	PILOT UNIT	
5	PLATE	CARBON STEEL
6	PISTON	PM
7	LIVES	CARBON STEEL
8	VALVE BODY	ALUMINIUM ALLOY
9	SHUTTLE	ALUMINIUM ALLOY

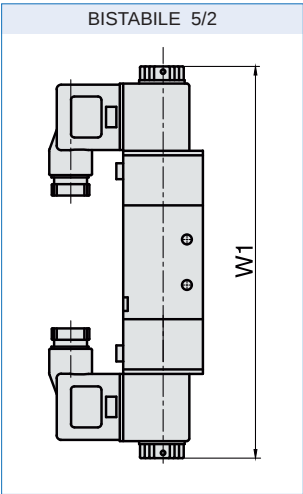
No.	PARTICULAR	MATERIAL
10	O-RINGS	HNB extension
11	SOFT	STAINLESS STEEL
12	REAR HEAD	ZINC ALLOY
13	LIVES	STAINLESS STEEL
14	MANUAL OPERATION	REINFORCED PLASTIC
15	REAR PAD	ALUMINIUM ALLOY
16	SPRING	ALUMINIUM ALLOY
17	PLATE	STEEL

DIMENSIONI



(mm)

COD	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W
4V-110 M5	M5	M5	30	13	13,2	18	2	20,2	16	3,3	3,3	21,2	14	9,5	27	55	34	14,2	28	28,2	99,4
4V-110 06	G1/8	G1/8	30	13	13,2	18	2	20,2	16	3,3	3,3	21,2	14	9,5	27	55	34	14,2	28	28,2	99,4
4V-210 06	G1/8	G1/8	38	17	12,7	22	3	21,2	21	3,2	4,3	21,7	20	10,5	35	66,7	39,9	13,7	36	31,7	117,1
4V-210 08	G1/4	G1/8	38	17	12,7	22	3	21,2	21	3,2	4,3	21,7	20	10,5	35	66,7	39,9	13,7	36	31,7	117,1
4V-310 08	G3/8	G1/8	50	20	15	27	4	28	24	4,3	4,3	28	24	13,5	40	69,2	39,9	17,5	45	40	134,9
4V-310 10	G3/8	G1/4	50	20	15	27	4	28	24	4,3	4,3	28	24	13,5	40	69,2	39,9	17,5	45	40	134,9
4V-410 15	G1/2	G1/2	72	27	21	34	4	39	36	4,3	5,5	43	28	17,5	50	74,2	39,9	25,5	63	57	16,4

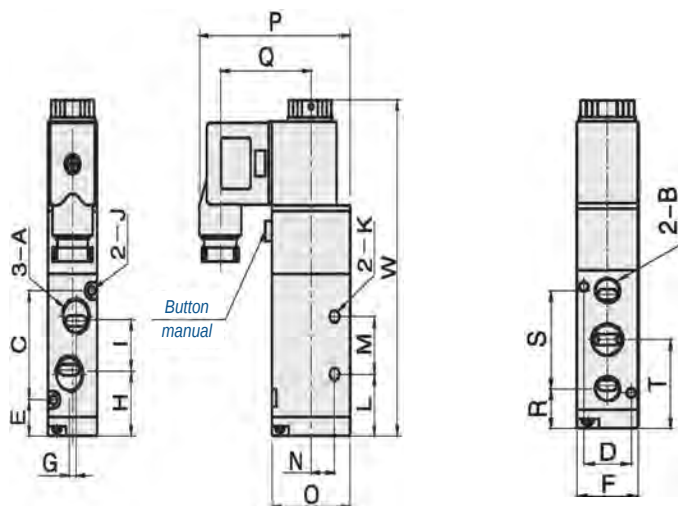


COD	W1
4V-120 M5	142,4
4V-120 06	142,4
4V-220 06	170,8
4V-220 08	170,8
4V-320 08	189,8
4V-420 15	222,8

VERSIONE BISTABILE 5/3 A RICHIESTA

SIZES

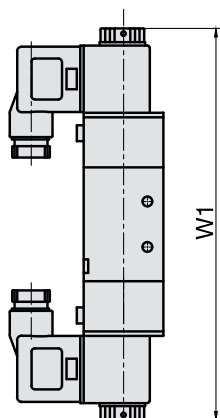
MONOSTABLE 5/2



(mm)

COD	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W
4V-110 M5	M5	M5	30	13	13,2	18	2	20,2	16	3,3	3,3	21,2	14	9,5	27	55	34	14,2	28	28,2	99,4
4V-110 06	G1/8	G1/8	30	13	13,2	18	2	20,2	16	3,3	3,3	21,2	14	9,5	27	55	34	14,2	28	28,2	99,4
4V-210 06	G1/8	G1/8	38	17	12,7	22	3	21,2	21	3,2	4,3	21,7	20	10,5	35	66,7	39,9	13,7	36	31,7	117,1
4V-210 08	G1/4	G1/8	38	17	12,7	22	3	21,2	21	3,2	4,3	21,7	20	10,5	35	66,7	39,9	13,7	36	31,7	117,1
4V-310 08	G3/8	G1/8	50	20	15	27	4	28	24	4,3	4,3	28	24	13,5	40	69,2	39,9	17,5	45	40	134,9
4V-310 10	G3/8	G1/4	50	20	15	27	4	28	24	4,3	4,3	28	24	13,5	40	69,2	39,9	17,5	45	40	134,9
4V-410 15	G1/2	G1/2	72	27	21	34	4	39	36	4,3	5,5	43	28	17,5	50	74,2	39,9	25,5	63	57	16,4

BISTABLE 5/2



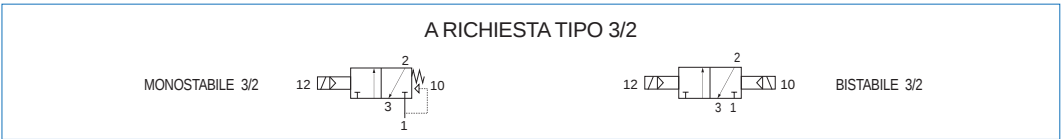
COD	W1
4V-120 M5	142,4
4V-120 06	142,4
4V-220 06	170,8
4V-220 08	170,8
4V-320 08	189,8
4V-420 15	222,8

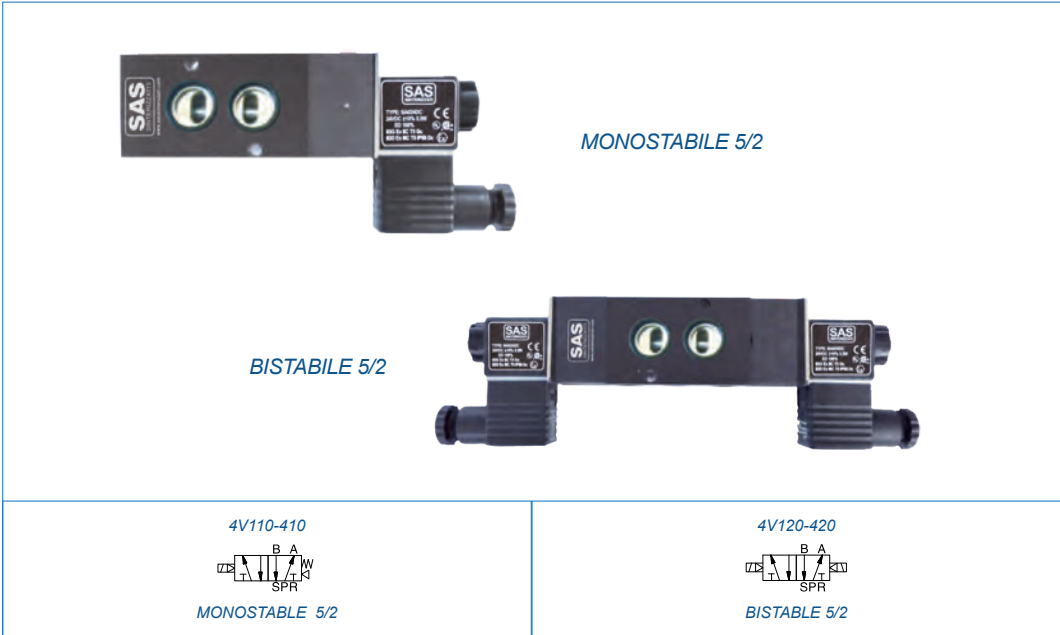
BISTABLE VERSION 5/3 ON REQUEST



CONNESSIONE	M5	G1/8	G1/8	G1/4 (Ex.G1/8)	G1/4	G3/8 (Ex.G1/4)	G3/8	G1/2
AREA DI PASSAGGIO (mm²)	5,5 (CV=0,31)	12 (CV=0,67)	14 (CV=0,78)	16 (CV=0,89)	25 (CV=1,40)	30 (CV=1,68)	50 (CV=2,79)	50 (CV=2,79)
FLUIDO	ARIA FILTRATA (40 µm)							
TIPO DI AZIONAMENTO	PILOTA							
LUBRIFICAZIONE	NON RICHIESTA							
PRESSIONE DI ESERCIZIO (Bar)	1,5 - 8							
MASSIMA PRESSIONE (Bar)	12							
TEMPERATURA DI ESERCIZIO (°C)	-5 ~ +60 (ARIA SECCA)							
VOLTAGGIO (VARIAZIONE)	12 V DC - 24 V DC / 110 V AC - 220 V AC (- 15% ~ + 10%)							
CONSUMO A REGIME	DC: 2,8 W;	AC: 3,0 VA	DC: 4,8 W; AC: 5,0 VA					
CLASSE DI ISOLAMENTO	F							
GRADO DI PROTEZIONE	IP65 (DIN 40050)							
FREQUENZA MASSIMA	5/2: 5 CICLI / s; 5/3: 3 CICLI / s;							
TEMPO DI RISPOSTA (S)	< 0,05							

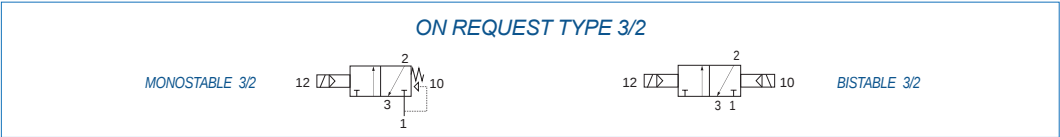
5/2 PILOTAGGIO INTERNO



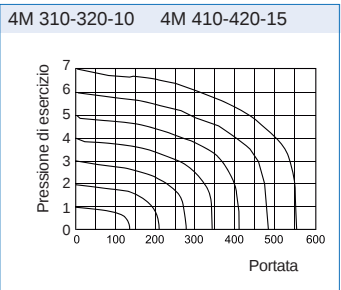
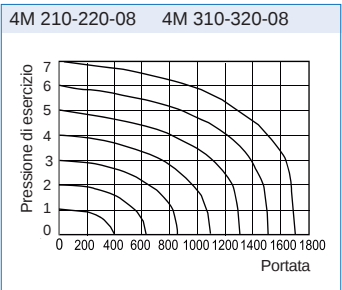
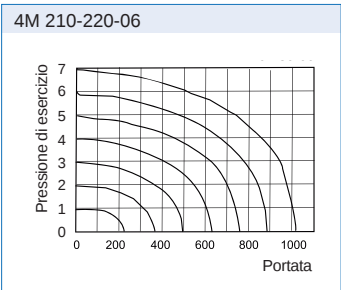


CONNECTION	M5	G1/8	G1/8	G1/4 (Ex.G1/8)	G1/4	G3/8 (Ex.G1/4)	G3/8	G1/2
PASSAGE AREA (mm2)	5,5 (CV=0,31)	12 (CV=0,67)	14 (CV=0,78)	16 (CV=0,89)	25 (CV=1,40)	30 (CV=1,68)	50 (CV=2,79)	50 (CV=2,79)
FLUID	FILTERED AIR (40 µm)							
TYPE OF DRIVE	PILOT							
LUBRICATION	NOT REQUIRED							
WORKING PRESSURE (Bar)	1,5 - 8							
MAXIMUM PRESSURE (Bar)	12							
WORKING TEMPERATURE (°C)	-5 ~ +60 (DRY AIR)							
VOLTAGE (VARIATION)	12 V DC - 24 V DC / 110 V AC - 220 V AC (- 15% ~ + 10%)							
REGIME CONSUMPTION	DC: 2,8 W;	AC: 3,0 VA	DC: 4,8 W; AC: 5,0 VA					
INSULATION CLASS	F							
DEGREE OF PROTECTION	IP65 (DIN 40050)							
MAXIMUM FREQUENCY	5/2: 5 CYCLES / s;				5/3: 3 CYCLES / s;			
RESPONSE TIME (S)	< 0,05							

5/2 INTERNAL PILOT

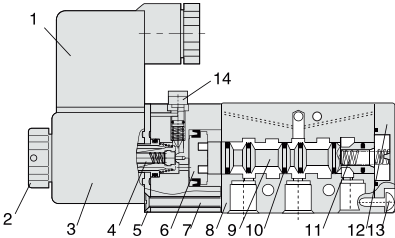


DIAGRAMMI DI PORTATA

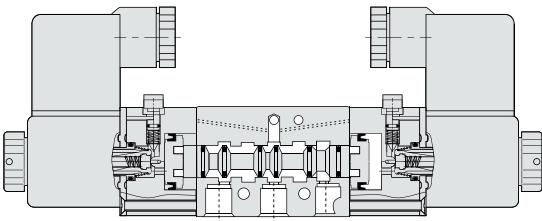


STRUTTURA INTERNA

MONOSTABILE



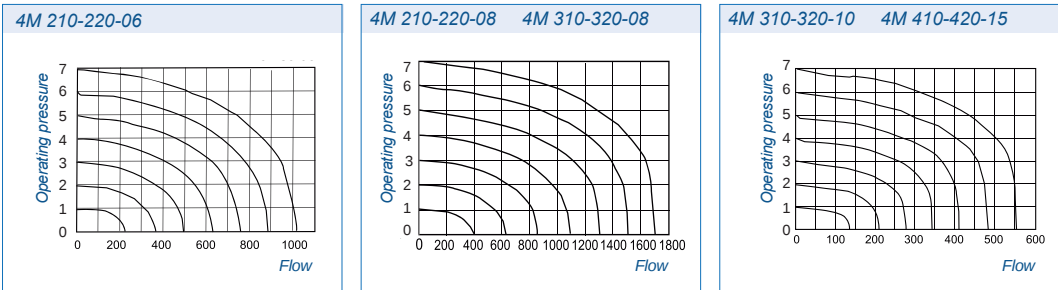
BISTABILE



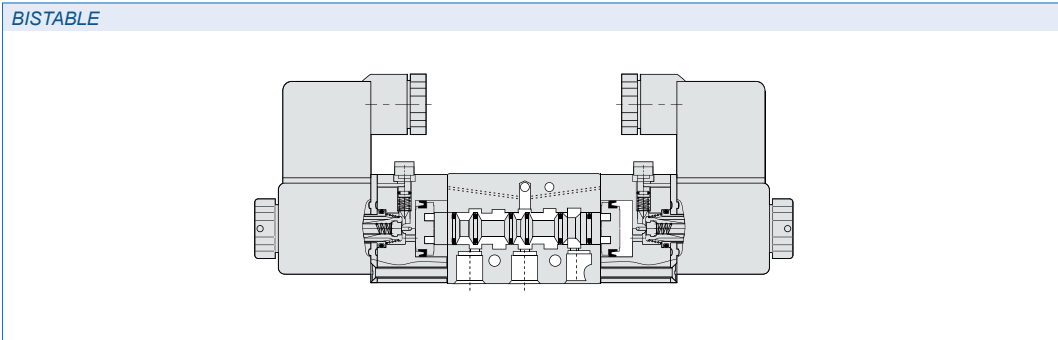
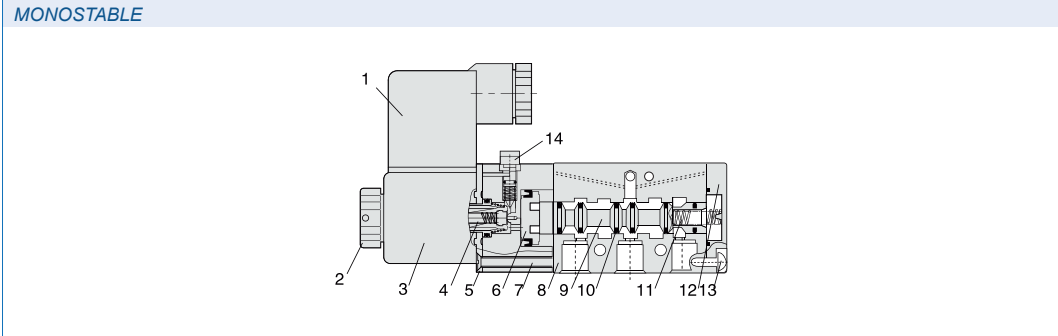
No.	PARTICOLARE	MATERIALE
1	CONNETTORE	PLASTICA RINFORZATA
2	DADO	POM+ ACCIAIO AL CARBONIO
3	BOBINA	RAME
4	UNITÀ PILOTA	
5	PIATTELLO	ACCIAIO AL CARBONIO
6	PISTONE	POM
7	VITE	ACCIAIO AL CARBONIO

No.	PARTICOLARE	MATERIALE
8	CORPO VALVOLA	LEGA DI ALLUMINIO
9	SPOLA	LEGA DI ALLUMINIO
10	O-RING	HNBR
11	MOLLE	ACCIAIO INOX
12	TESTATA POSTERIORE	LEGA DI ZINCO
13	VITE	ACCIAIO AL CARBONIO
14	AZIONAMENTO MANUALE	RAME

FLOW DIAGRAMS

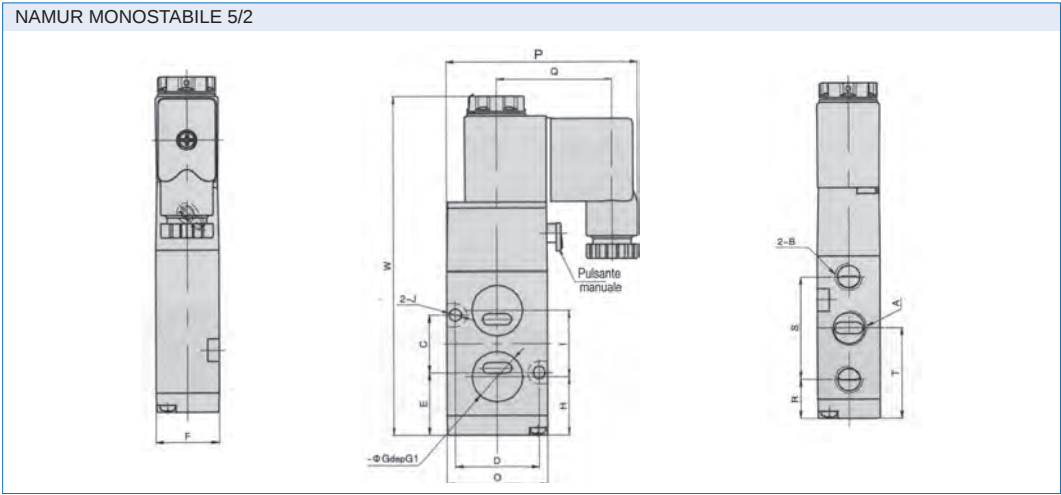


INTERNAL STRUCTURE

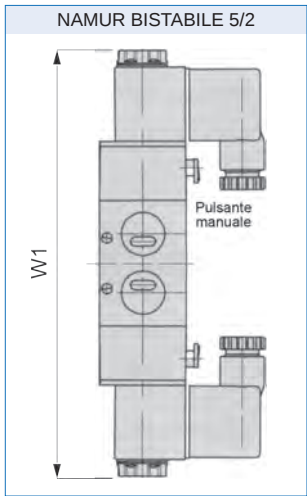


No.	PARTICULAR	MATERIAL
1	CONNECTOR	REINFORCED PLASTIC
2	NUT	POM+ CARBON STEEL
3	COIL	COPPER
4	PILOT UNIT	
5	PLATE	CARBON STEEL
6	PISTON	PM
7	LIVES	CARBON STEEL

No.	PARTICULAR	MATERIAL
8	VALVE BODY	ALUMINIUM ALLOY
9	SHUTTLE	ALUMINIUM ALLOY
10	O-RINGS	HNB extension
11	SOFT	STAINLESS STEEL
12	REAR HEAD	ZINC ALLOY
13	LIVES	CARBON STEEL
14	MANUAL OPERATION	COPPER

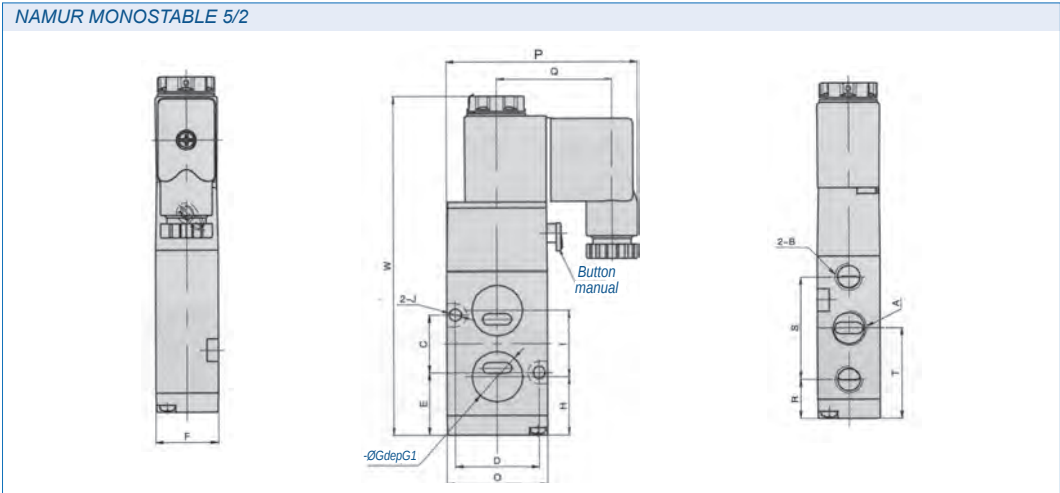


COD	A	B	C	D	E	F	G	G1	H	I	J	O	P	Q	R	S	T	W
4M 210-06	G 1/8	G 1/8	20	29	21,7	22	19,2	1,7	20,2	23	4,3	35	66,7	39,9	13,7	36	31,7	117,1
4M 210-08	G 1/4	G 1/8	20	29	21,7	22	19,2	1,7	20,2	23	4,3	35	66,7	39,9	13,7	36	31,7	117,1
4M 310-08	G 3/8	G 1/8	24	32	28	27	19,2	1,7	28	24	5,2	40	69,2	39,9	17,5	45	40	134,9
4M 310-10	G 3/8	G 1/4	24	32	28	27	19,2	1,7	28	24	5,2	40	69,2	39,9	17,5	45	40	134,9
4M 410-15	G 1/2	G 1/4	40	45	27	34	19,2	1,7	39	36	6,5	55	74,2	39,9	25,5	63	57	174

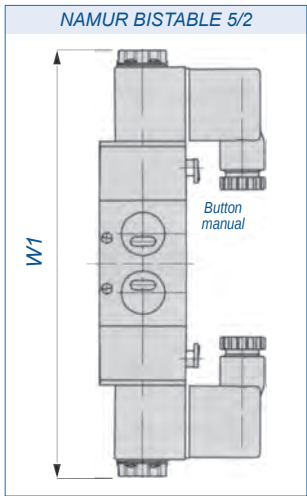


COD	W1
4M 220-06	170,8
4M 220-08	170,8
4M 320-08	189,8
4M 320-10	189,8
4M 420-15	222,8

VERSIONE 3/2 A RICHIESTA

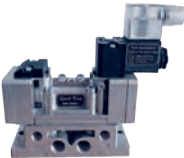


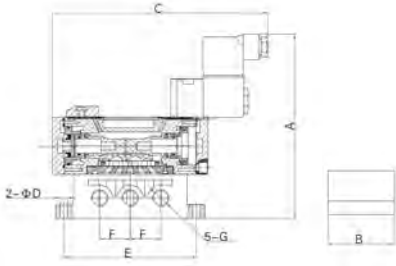
COD	A	B	C	D	E	F	G	G1	H	I	J	O	P	Q	R	S	T	W
4M 210-06	G 1/8	G 1/8	20	29	21,7	22	19,2	1,7	20,2	23	4,3	35	66,7	39,9	13,7	36	31,7	117,1
4M 210-08	G 1/4	G 1/8	20	29	21,7	22	19,2	1,7	20,2	23	4,3	35	66,7	39,9	13,7	36	31,7	117,1
4M 310-08	G 3/8	G 1/8	24	32	28	27	19,2	1,7	28	24	5,2	40	69,2	39,9	17,5	45	40	134,9
4M 310-10	G 3/8	G 1/4	24	32	28	27	19,2	1,7	28	24	5,2	40	69,2	39,9	17,5	45	40	134,9
4M 410-15	G 1/2	G 1/4	40	45	27	34	19,2	1,7	39	36	6,5	55	74,2	39,9	25,5	63	57	174



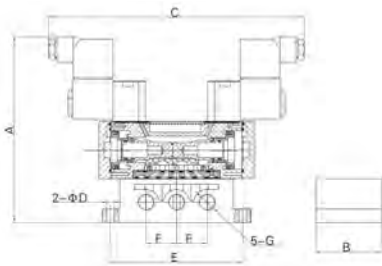
COD	W1
4M 220-06	170,8
4M 220-08	170,8
4M 320-08	189,8
4M 320-10	189,8
4M 420-15	222,8

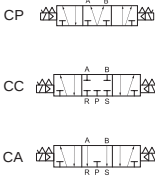
VERSION 3/2 ON REQUEST

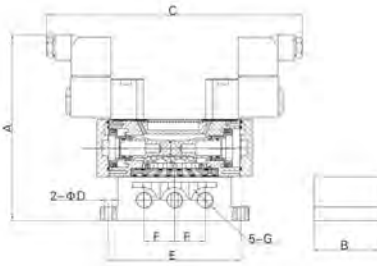
MONOSTABILE 5/2 - 5/2 SINGLE SOLENOID VALVES						
 <i>Ceramic Spool</i>	COD	CARATTERISTICHE - <i>FEATURES</i>	DIMENSIONI - <i>SIZES</i>			
	SK19114M	5/2 pilotaggio interno / esterno elettrico / pneumatico cassetti in ceramica <i>5/2 internal / external electrical / pneumatic pilot ceramic spool</i>	ISO 1		1	
	SK29114M		ISO 2		1	
	SK39114M		ISO 3		1	

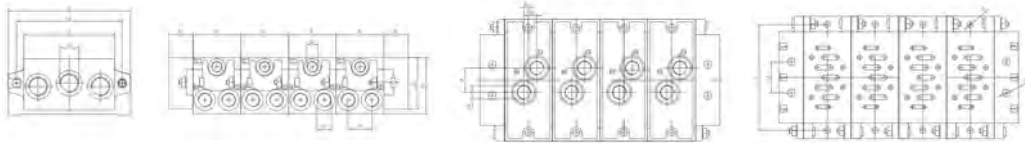
																																																															
<table><tr><th>TIPO / <i>TYPE</i></th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>F</th><th>G</th></tr><tr><td>SK19114</td><td>137.5</td><td>48</td><td>160</td><td>Ø 5,5</td><td>98</td><td>23</td><td>G 1/4"</td></tr><tr><td>SK19124 (1/3/4/5/4)</td><td>137.5</td><td>48</td><td>190</td><td>Ø 5,5</td><td>98</td><td>23</td><td>G 1/4"</td></tr><tr><td>SK29114</td><td>160</td><td>57</td><td>170</td><td>Ø 6,6</td><td>112</td><td>27</td><td>G 3/8"</td></tr><tr><td>SK29124 (1/3/4/5/4)</td><td>160</td><td>57</td><td>205</td><td>Ø 6,6</td><td>112</td><td>27</td><td>G 3/8"</td></tr><tr><td>SK39114</td><td>165</td><td>71</td><td>197</td><td>Ø 6,6</td><td>136</td><td>42</td><td>G 1/2"</td></tr><tr><td>SK39124 (1/3/4/5/4)</td><td>165</td><td>71</td><td>226</td><td>Ø 6,6</td><td>136</td><td>42</td><td>G 1/2"</td></tr></table>								TIPO / <i>TYPE</i>	A	B	C	D	E	F	G	SK19114	137.5	48	160	Ø 5,5	98	23	G 1/4"	SK19124 (1/3/4/5/4)	137.5	48	190	Ø 5,5	98	23	G 1/4"	SK29114	160	57	170	Ø 6,6	112	27	G 3/8"	SK29124 (1/3/4/5/4)	160	57	205	Ø 6,6	112	27	G 3/8"	SK39114	165	71	197	Ø 6,6	136	42	G 1/2"	SK39124 (1/3/4/5/4)	165	71	226	Ø 6,6	136	42	G 1/2"
TIPO / <i>TYPE</i>	A	B	C	D	E	F	G																																																								
SK19114	137.5	48	160	Ø 5,5	98	23	G 1/4"																																																								
SK19124 (1/3/4/5/4)	137.5	48	190	Ø 5,5	98	23	G 1/4"																																																								
SK29114	160	57	170	Ø 6,6	112	27	G 3/8"																																																								
SK29124 (1/3/4/5/4)	160	57	205	Ø 6,6	112	27	G 3/8"																																																								
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SK39124 (1/3/4/5/4)	165	71	226	Ø 6,6	136	42	G 1/2"																																																								

BISTABILE 5/2 - 5/2 DOUBLE SOLENOID VALVES						
 <i>Ceramic Spool</i>	COD	CARATTERISTICHE - <i>FEATURES</i>	DIMENSIONI - <i>SIZES</i>			
	SK191124M	5/2 pilotaggio interno / esterno elettrico / pneumatico cassetti in ceramica <i>5/2 internal / external electrical / pneumatic pilot ceramic spool</i>	ISO 1		1	
	SK291124M		ISO 2		1	
	SK391124M		ISO 3		1	

	TIPO / <i>TYPE</i>	A	B	C	D	E	F	G
	SK19114	137.5	48	160	Ø 5,5	98	23	G 1/4"
	SK19124 (1/3/4/5/4)	137.5	48	190	Ø 5,5	98	23	G 1/4"
	SK29114	160	57	170	Ø 6,6	112	27	G 3/8"
	SK29124 (1/3/4/5/4)	160	57	205	Ø 6,6	112	27	G 3/8"
	SK39114	165	71	197	Ø 6,6	136	42	G 1/2"
	SK39124 (1/3/4/5/4)	165	71	226	Ø 6,6	136	42	G 1/2"

BISTABILE 5/3 - 5/3 DOUBLE SOLENOID VALVES								
 <i>Ceramic Spool</i>		COD	CARATTERISTICHE - FEATURES		DIMENSIONI - SIZES			
		SK19134M	5/2 pilotaggio interno / esterno elettrico / pneumatico cassetti in ceramica		ISO 1	1		
		SK29134M			ISO 2	1		
		SK39134M			ISO 3	1		
		SK19144M			ISO 1	1		
		SK29144M			ISO 2	1		
		SK39144M			ISO 3	1		
		SK19154M	5/2 internal / external electrical / pneumatic pilot ceramic spool		ISO 1	1		
		SK29154M			ISO 2	1		
		SK39154M			ISO 3	1		

			TIPO / TYPE	A	B	C	D	E	F	G
			SK19114	137.5	48	160	Ø 5,5	98	23	G 1/4"
			SK19124 (1/3/4/5/4)	137.5	48	190	Ø 5,5	98	23	G 1/4"
			SK29114	160	57	170	Ø 6,6	112	27	G 3/8"
			SK29124 (1/3/4/5/4)	160	57	205	Ø 6,6	112	27	G 3/8"
			SK39114	165	71	197	Ø 6,6	136	42	G 1/2"
			SK39124 (1/3/4/5/4)	165	71	226	Ø 6,6	136	42	G 1/2"

SOTTOBASE MODULARE - MODULAR SUB-BASE																	
	COD		CARATTERISTICHE - FEATURES										DIMENSIONI - SIZES				
	19902		sottobase manifold - manifold sub-base chiusura End Plate - End Plate closure										ISO 1		1		
	19906												ISO 1		1		
	29902												ISO 2		1		
	29906												ISO 2		1		
	39902												ISO 3		1		
	39906												ISO 3		1		
																	
TIPO / TYPE	B1	B2	B2	D1	D2	D3	D4	D5	D6	H1	H2	L1	L2	L3	L4	L5	L5
ISO 1	43	22	21.5	G 3/8"	G 1/8"	G 1/4"	Ø 7	Ø 5.5	G 1/4"	46	50.5	110	95	82	28	95	22
ISO 2	56	26	27	G 1/2"	G 1/8"	G 3/8"	Ø 9	Ø 6.6	G 3/8"	47	60	135	115	96	35	115	28
ISO 3	71	30	35	G 1"	G 1/8"	G 1/2"	Ø 12	Ø 9	G 1/2"	56	66	190	168	148	52	168	38

COME ORDINARE				
SK	19	114	M	TF
SPEED KING ISO 5599/1	ISO 1 = 19 ISO 2 = 29 ISO 3 = 39	PN = 104 MONO = 114 BISTABILE = 124 5/3 CC = 134 5/3 CP = 144 5/3 CA = 154	COMANDO MANUALE	TF = 24 V DC - 48 V AC S = 60 V DC - 110 AC TL = 110 V DC - 220 AC // = PNEUMATICA TA = 12 V DC - 24 V AC

HOW TO ORDER				
SK	19	114	M	TF
SPEED KING ISO 5599/1	ISO 1 = 19 ISO 2 = 29 ISO 3 = 39	PN = 104 MONO = 114 BISTABILE = 124 5/3 CC = 134 5/3 CP = 144 5/3 CA = 154	MANUAL COMMAND	TF = 24 V DC - 48 V AC S = 60 V DC - 110 AC TL = 110 V DC - 220 AC // = PNEUMATIC TA = 12 V DC - 24 V AC

BOBINE ATEX - UL - ATEX - UL COILS			
	COD	CARATTERISTICHE FEATURES	
	BAX-ATEX	Tutti i voltaggi All voltages	10
	BAX-UL	Disponibile 24 DC Available 24 DC	10
	BAX-C	Tutti i voltaggi + cavo lungh. 300 mm. All voltages + cable length. 300 mm.	10

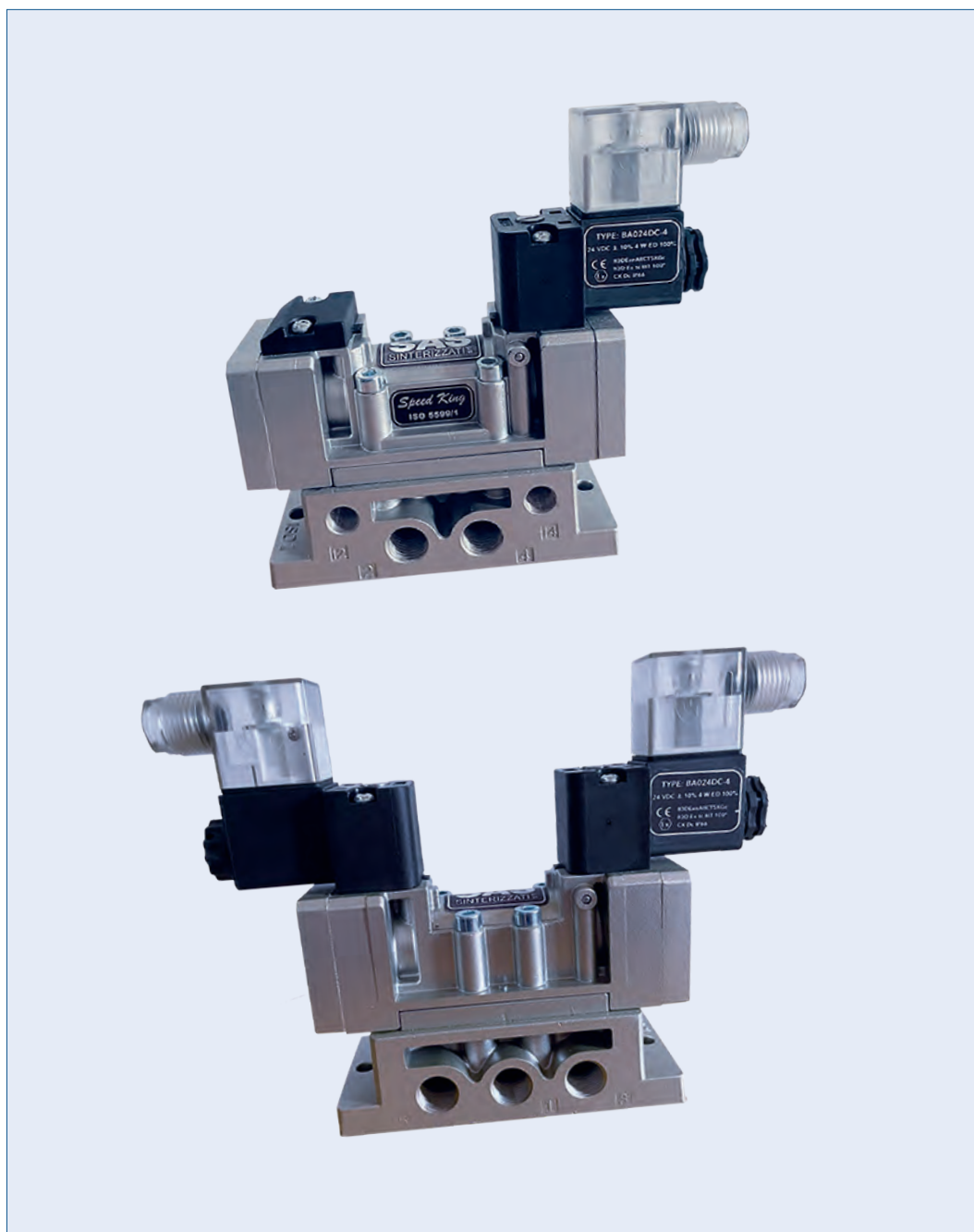
CONNETTORI - CONNECTORS			
	COD	CARATTERISTICHE FEATURES	
	CA	Con pressa cavo With cable gland	10



BOBINE STANDARD - *STANDARD COILS*

COD	CARATTERISTICHE - <i>FEATURES</i>	DIMENSIONI - <i>SIZES</i>	
BA-12 DC	V 12 DC - DC 5,5 W	22 mm	10
BA-24 DC	V 24 DC - DC 5,5 W	22 mm	10
BA-24 AC	V 24 AC - AC 5,5 W	22 mm	10
BA-110 AC	V 110 AC - AC 5,5 W	22 mm	10
BA-220 AC	V 220 AC - AC 5,5 W	22 mm	10
BA-380 AC	V 380 AC - AC 5,5 W	22 mm	10

VOLTAGGI DISPONIBILI: DC 12V - DC 24V - AC 24 V - AC 110 V - AC 220 V - AC 380 V - IL VOLTAGGIO È DA SPECIFICARE IN FASE DI ORDINE.
VOLTAGES AVAILABLE: DC 12V - DC 24V - AC 24 V - AC 110 V - AC 220 V - AC 380 V - THE VOLTAGE IS TO BE SPECIFIED WHEN ORDERING.

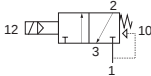
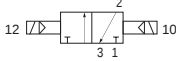


 MONOSTABILE 5/2 - AISI 316 L		
 BISTABILE 5/2 - AISI 316 L		
4V110 X - 410 X  MONOSTABILE 5/2	4V120 X - 420 X  BISTABILE 5/2	(A RICHIESTA TIPO 3/2)

SPECIFICHE

CONNESSIONE	M5	G1/8	G1/8	G1/4	G1/4	G3/8	G1/2
AREA DI PASSAGGIO (mm²)	5/2:5,5 (CV=0,31) 5/3:5,5 (CV=0,28)	5/2:12 (CV=0,67) 5/3:9 (CV=0,50)	5/2:14 (CV=0,78) 5/3:12 (CV=0,67)	5/2:16 (CV=0,89) 5/3:12 (CV=0,67)	5/2:25 (CV=1,40) 5/3:18 (CV=1,00)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)
FLUIDO	ARIA FILTRATA (40 µm)						
TIPO DI AZIONAMENTO	PILOTA						
LUBRIFICAZIONE	NON RICHIESTA						
PRESSIONE DI ESERCIZIO (Bar)	1,5 - 8						
MASSIMA PRESSIONE (Bar)	12						
TEMPERATURA DI ESERCIZIO (°C)	-5 ~ +60 (ARIA SECCA)						
VOLTAGGIO (VARIAZIONE)	12 V DC - 24 V DC / 110 V AC - 220 V AC (- 15% ~ + 10%)						
CONSUMO A REGIME	DC: 2,8 W; AC: 3,0 VA	DC: 4,8 W; AC: 5,0 VA					
CLASSE DI ISOLAMENTO	F						
GRADO DI PROTEZIONE	IP65 (DIN 40050)						
FREQUENZA MASSIMA	5/2: 5 CICLI / s; 5/3: 3 CICLI / s;						
TEMPO DI RISPOSTA (S)	< 0,05						

5/2 PILOTAGGIO INTERNO

A RICHIESTA TIPO 3/2		
MONOSTABILE 3/2 	 BISTABILE 3/2	



MONOSTABLE 5/2 - AISI 316 L

BISTABLE 5/2 - AISI 316 L



4V110 X - 410 X



MONOSTABLE 5/2

4V120 X - 420 X



BISTABLE 5/2

(ON REQUEST TYPE 3/2)

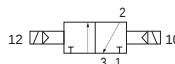
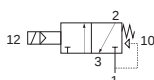
SPECIFICATIONS

CONNECTION	M5	G1/8	G1/8	G1/4	G1/4	G3/8	G1/2
PASSAGE AREA (mm2)	5/2:5,5 (CV=0,31) 5/3:5,5 (CV=0,28)	5/2:12 (CV=0,67) 5/3:9 (CV=0,50)	5/2:14 (CV=0,78) 5/3:12 (CV=0,67)	5/2:16 (CV=0,89) 5/3:12 (CV=0,67)	5/2:25 (CV=1,40) 5/3:18 (CV=1,00)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)
FLUID	FILTERED AIR (40 µm)						
TYPE OF DRIVE	PILOT						
LUBRICATION	NOT REQUIRED						
WORKING PRESSURE (Bar)	1,5 - 8						
MAXIMUM PRESSURE (Bar)	12						
WORKING TEMPERATURE (°C)	-5 ~ +60 (DRY AIR)						
VOLTAGE (VARIATION)	12 V DC - 24 V DC / 110 V AC - 220 V AC (- 15% - + 10%)						
REGIME CONSUMPTION	DC: 2,8 W;	AC: 3,0 VA	DC: 4,8 W; AC: 5,0 VA				
INSULATION CLASS	F						
DEGREE OF PROTECTION	IP65 (DIN 40050)						
MAXIMUM FREQUENCY	5/2: 5 CYCLES / s; 5/3: 3 CYCLES / s;						
RESPONSE TIME (S)	< 0,05						

5/2 INTERNAL PILOT

ON REQUEST TYPE 3/2

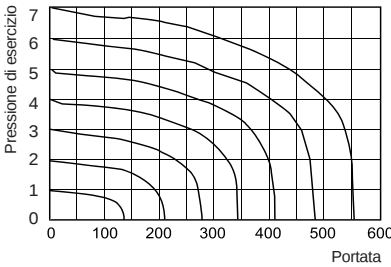
MONOSTABLE 3/2



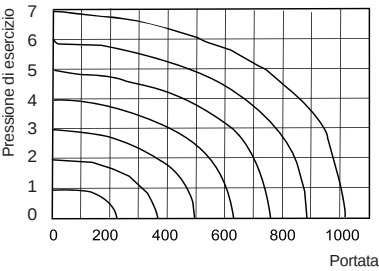
BISTABLE 3/2

DIAGRAMMI DI PORTATA

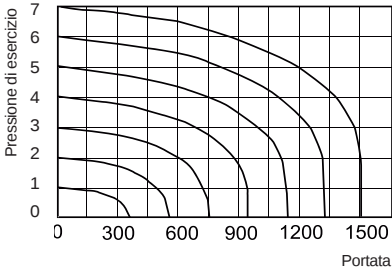
4V 110-120-M5 X



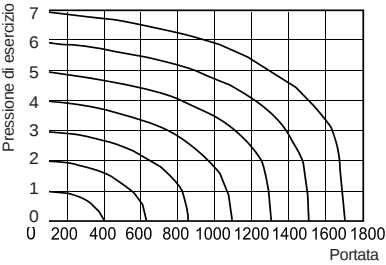
4V 110-120-06 X



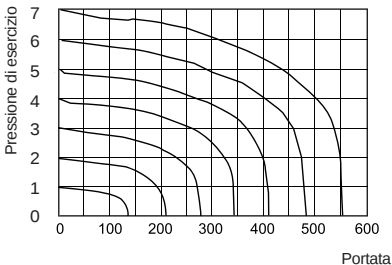
4V 210-220-06 X



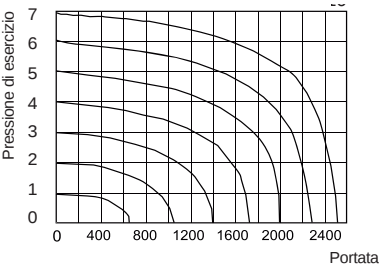
4V 210-220-08 X



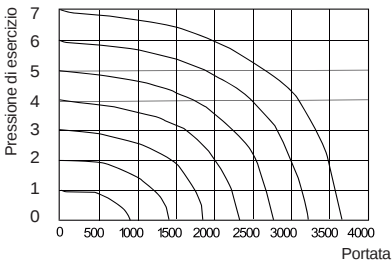
4V 310-320-08 X



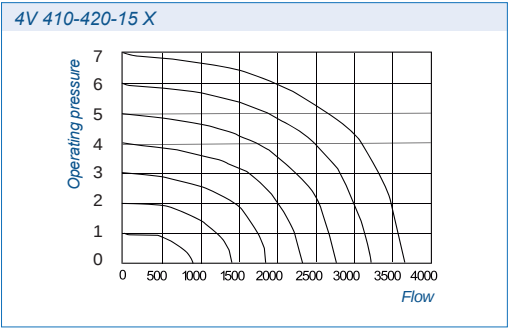
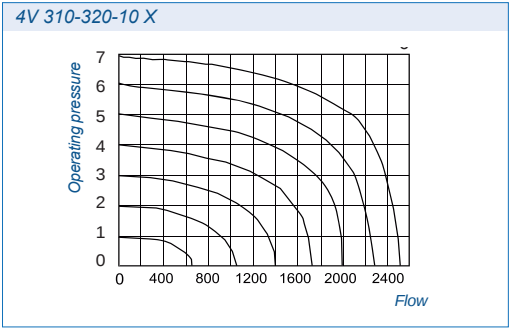
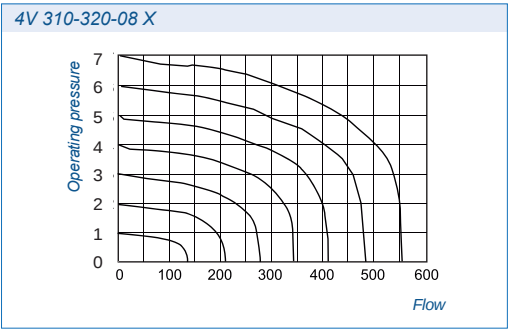
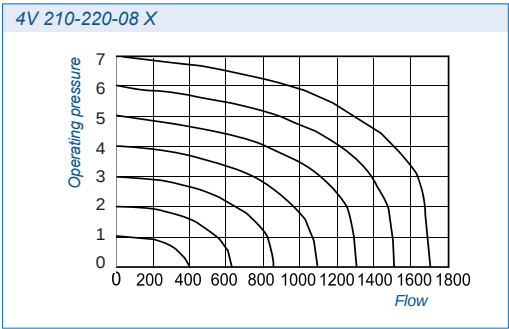
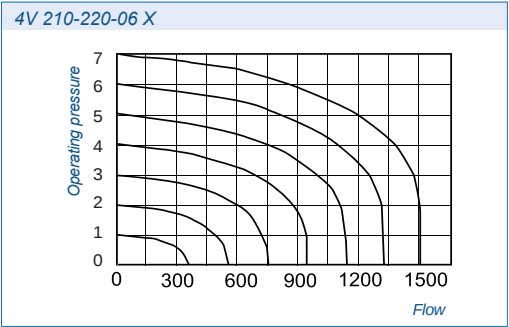
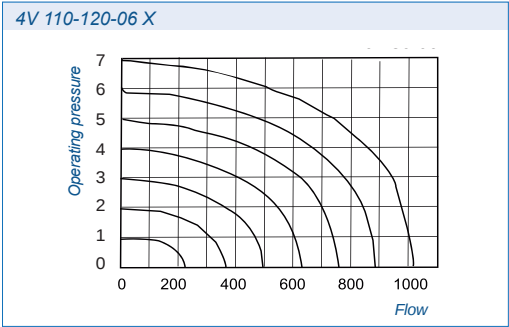
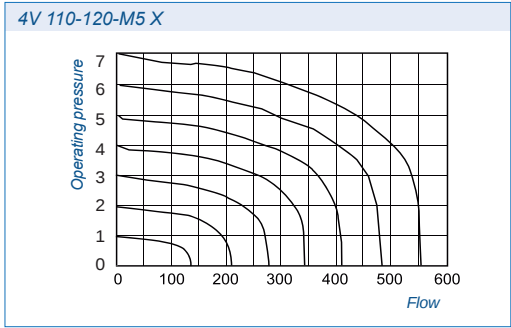
4V 310-320-10 X



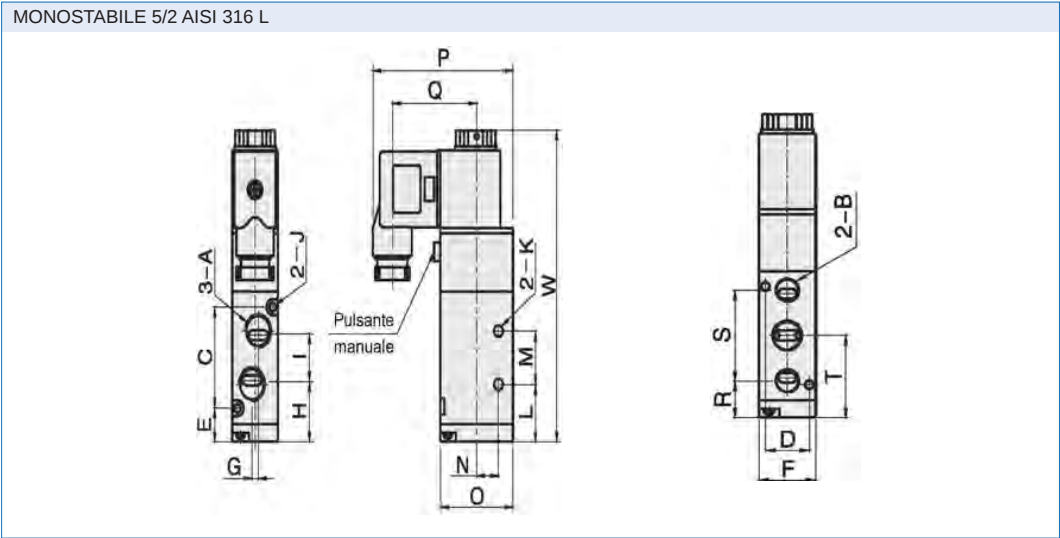
4V 410-420-15 X



FLOW DIAGRAMS

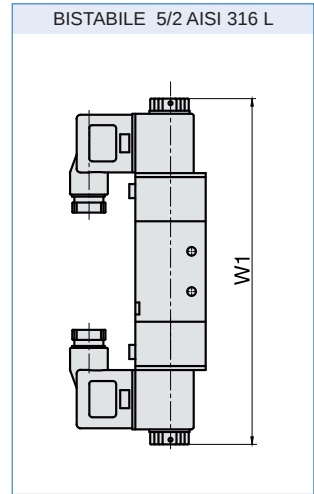


DIMENSIONI



(mm)

COD	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W
4V 110-M5-X	M5	M5	30	13	13,2	18	2	20,2	16	3,3	3,3	21,2	14	9,5	27	55	34	14,2	28	28,2	99,4
4V 110-06-X	G 1/8	G 1/8	30	13	13,2	18	2	20,2	16	3,3	3,3	21,2	14	9,5	27	55	34	14,2	28	28,2	99,4
4V 210-06-X	G 1/8	G 1/8	38	17	12,7	22	3	21,2	21	3,3	4,3	21,7	20	7	35	66,7	39,9	13,7	36	31,7	111,33
4V 210-08-X	G 1/4	G 1/8	38	17	12,7	22	3	21,2	21	3,3	4,3	21,7	20	7	35	66,7	39,9	13,7	36	31,7	111,33
4V 310-08-X	G 1/4	G 1/8	50	20	15	27	4	28	24	5,2	4,3	28	24	6,5	40	69,2	39,9	17,5	45	40	128,4
4V 310-10-X	G 3/8	G 1/4	50	20	15	27	4	28	24	5,2	4,3	28	24	6,5	40	69,2	39,9	17,5	45	40	128,4
4V 410-15-X	G 1/2	G 1/2	72	27	21	34	4	33	36	5,2	5,5	43	28	17,5	50	74,2	39,9	25,5	63	57	168,4

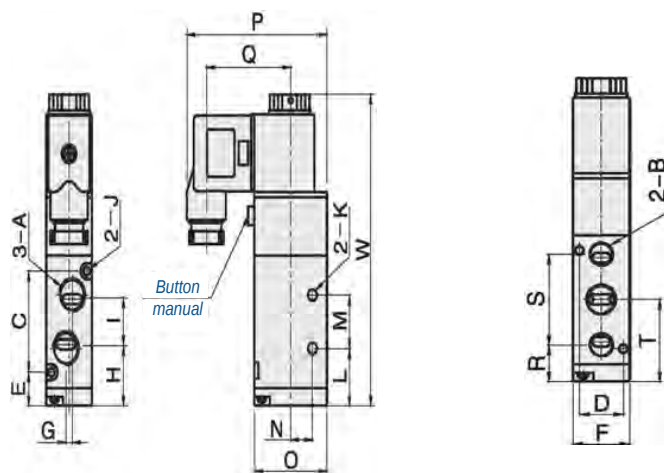


COD	W1
4V 120-M5-X	142,4
4V 120-06-X	142,4
4V 220-06-X	170,8
4V 220-08-X	170,8
4V 320-08-X	189,8
4V 320-10-X	189,8
4V 420-15-X	222,8

VERSIONE BISTABILE 3/2 A RICHIESTA

SIZES

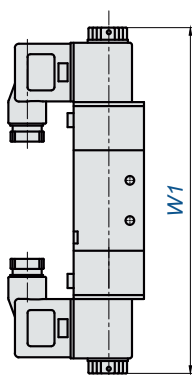
MONOSTABLE 5/2 AISI 316 L



(mm)

COD	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	W
4V 110-M5-X	M5	M5	30	13	13,2	18	2	20,2	16	3,3	3,3	21,2	14	9,5	27	55	34	14,2	28	28,2	99,4
4V 110-06-X	G 1/8	G 1/8	30	13	13,2	18	2	20,2	16	3,3	3,3	21,2	14	9,5	27	55	34	14,2	28	28,2	99,4
4V 210-06-X	G 1/8	G 1/8	38	17	12,7	22	3	21,2	21	3,3	4,3	21,7	20	7	35	66,7	39,9	13,7	36	31,7	111,33
4V 210-08-X	G 1/4	G 1/8	38	17	12,7	22	3	21,2	21	3,3	4,3	21,7	20	7	35	66,7	39,9	13,7	36	31,7	111,33
4V 310-08-X	G 1/4	G 1/8	50	20	15	27	4	28	24	5,2	4,3	28	24	6,5	40	69,2	39,9	17,5	45	40	128,4
4V 310-10-X	G 3/8	G 1/4	50	20	15	27	4	28	24	5,2	4,3	28	24	6,5	40	69,2	39,9	17,5	45	40	128,4
4V 410-15-X	G 1/2	G 1/2	72	27	21	34	4	33	36	5,2	5,5	43	28	17,5	50	74,2	39,9	25,5	63	57	168,4

BISTABLE 5/2 AISI 316 L



COD	W1
4V 120-M5-X	142,4
4V 120-06-X	142,4
4V 220-06-X	170,8
4V 220-08-X	170,8
4V 320-08-X	189,8
4V 320-10-X	189,8
4V 420-15-X	222,8

3/2 BISTABLE VERSION ON REQUEST



MONOSTABILE 5/2 - AISI 316 L



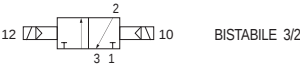
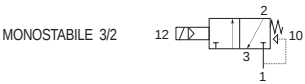
BISTABILE 5/2 - AISI 316 L

4M110-410 MONOSTABILE 5/2	4M120-420 BISTABILE 5/2	(A RICHIESTA TIPO 3/2)
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CONNESSIONE	M5	G1/8	G1/8	G1/4	G1/4	G3/8	G1/2
AREA DI PASSAGGIO (mm²)	5/2:5,5 (CV=0,31) 5/3:5,5 (CV=0,28)	5/2:12 (CV=0,67) 5/3:9 (CV=0,50)	5/2:14 (CV=0,78) 5/3:12 (CV=0,67)	5/2:16 (CV=0,89) 5/3:12 (CV=0,67)	5/2:25 (CV=1,40) 5/3:18 (CV=1,00)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)
FLUIDO	ARIA FILTRATA (40 µm)						
TIPO DI AZIONAMENTO	PILOTA						
LUBRIFICAZIONE	NON RICHIESTA						
PRESSIONE DI ESERCIZIO (Bar)	1,5 - 8						
MASSIMA PRESSIONE (Bar)	12						
TEMPERATURA DI ESERCIZIO (°C)	-5 ~ +60 (ARIA SECCA)						
VOLTAGGIO (VARIAZIONE)	12 V DC - 24 V DC / 110 V AC - 220 V AC (- 15% ~ + 10%)						
CONSUMO A REGIME	DC: 2,8 W;	AC: 3,0 VA	DC: 4,8 W; AC: 5,0 VA				
CLASSE DI ISOLAMENTO	F						
GRADO DI PROTEZIONE	IP65 (DIN 40050)						
FREQUENZA MASSIMA	5/2: 5 CICLI / s; 5/3: 3 CICLI / s;						
TEMPO DI RISPOSTA (S)	< 0,05						

5/2 PILOTAGGIO INTERNO

A RICHIESTA TIPO 3/2



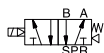


MONOSTABLE 5/2 - AISI 316 L



BISTABLE 5/2 - AISI 316 L

4M110-410



MONOSTABLE 5/2

4M120-420



BISTABLE 5/2

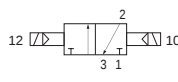
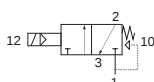
(ON REQUEST TYPE 3/2)

CONNECTION	M5	G1/8	G1/8	G1/4	G1/4	G3/8	G1/2
PASSAGE AREA (mm2)	5/2:5,5 (CV=0,31) 5/3:5,5 (CV=0,28)	5/2:12 (CV=0,67) 5/3:9 (CV=0,50)	5/2:14 (CV=0,78) 5/3:12 (CV=0,67)	5/2:16 (CV=0,89) 5/3:12 (CV=0,67)	5/2:25 (CV=1,40) 5/3:18 (CV=1,00)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)
FLUID	FILTERED AIR (40 μm)						
TYPE OF DRIVE	PILOT						
LUBRICATION	NOT REQUIRED						
WORKING PRESSURE (Bar)	1,5 - 8						
MAXIMUM PRESSURE (Bar)	12						
WORKING TEMPERATURE (°C)	-5 ~ +60 (DRY AIR)						
VOLTAGE (VARIATION)	12 V DC - 24 V DC / 110 V AC - 220 V AC (- 15% ~ + 10%)						
REGIME CONSUMPTION	DC: 2,8 W;	AC: 3,0 VA	DC: 4,8 W; AC: 5,0 VA				
INSULATION CLASS	F						
DEGREE OF PROTECTION	IP65 (DIN 40050)						
MAXIMUM FREQUENCY	5/2: 5 CYCLES / s; 5/3: 3 CYCLES / s;						
RESPONSE TIME (S)	< 0,05						

5/2 INTERNAL PILOT

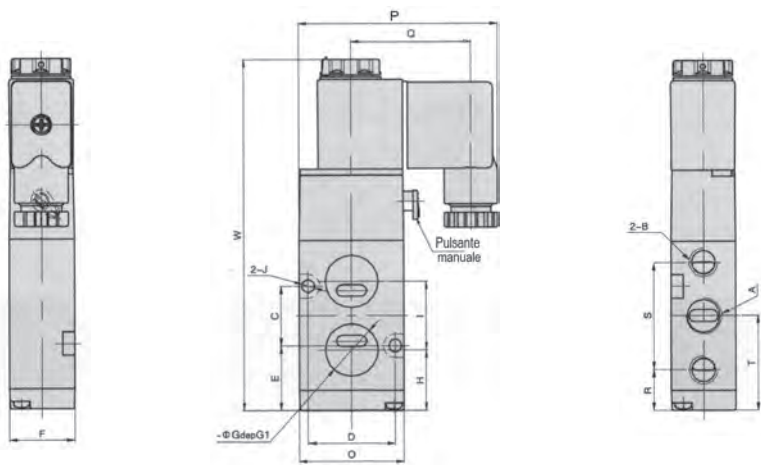
ON REQUEST TYPE 3/2

MONOSTABLE 3/2



BISTABLE 3/2

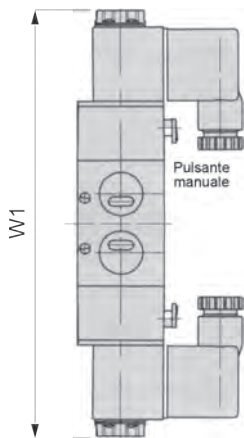
NAMUR MONOSTABILE 5/2 AISI 316 L



(mm)

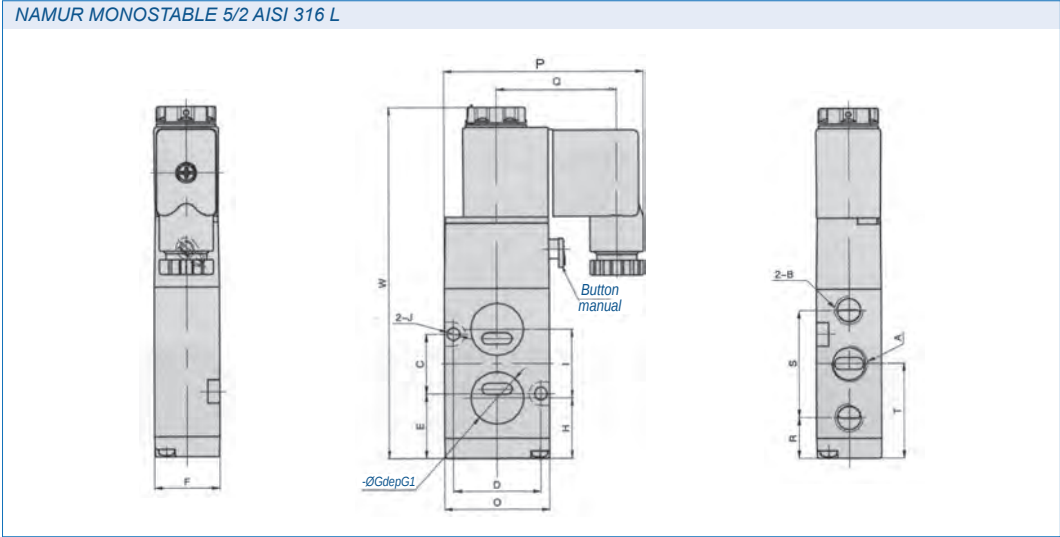
COD	A	B	C	D	E	F	G	G1	H	I	J	O	P	Q	R	S	T	W
4M-210 06-X	G 1/8	G 1/8	20	29	21,7	22	19,2	1,7	20,2	23	4,3	35	66,7	39,9	13,7	36	31,7	111,33
4M-210 08-X	G 1/4	G 1/8	20	29	21,7	22	19,2	1,7	20,2	23	4,3	35	66,7	39,9	13,7	36	31,7	111,33
4M-310 08-X	G 3/8	G 1/8	24	32	28	27	19,2	1,7	28	24	5,2	40	69,2	39,9	17,5	45	40	128,4
4M-310 10-X	G 3/8	G 1/4	24	32	28	27	19,2	1,7	28	24	5,2	40	69,2	39,9	17,5	45	40	128,4
4M-410 15-X	G 1/2	G 1/4	40	45	27	34	19,2	1,7	39	36	6,5	55	74,2	39,9	25,5	63	57	174

NAMUR BISTABILE 5/2 AISI 316 L



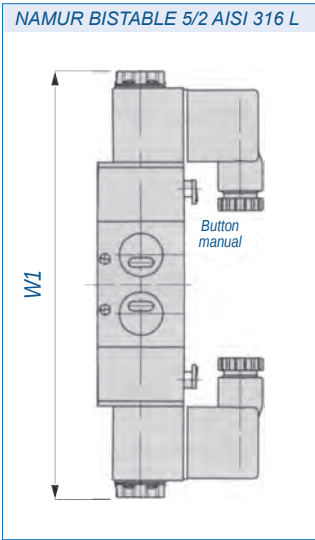
COD	W1
4M-220 06-X	170,8
4M-220 08-X	170,8
4M-320 08-X	189,8
4M-320 10-X	189,8
4M-420 15-X	222,8

VERSIONE 3/2 A RICHIESTA



(mm)

COD	A	B	C	D	E	F	G	G1	H	I	J	O	P	Q	R	S	T	W
4M-210 06-X	G 1/8	G 1/8	20	29	21,7	22	19,2	1,7	20,2	23	4,3	35	66,7	39,9	13,7	36	31,7	111,33
4M-210 08-X	G 1/4	G 1/8	20	29	21,7	22	19,2	1,7	20,2	23	4,3	35	66,7	39,9	13,7	36	31,7	111,33
4M-310 08-X	G 3/8	G 1/8	24	32	28	27	19,2	1,7	28	24	5,2	40	69,2	39,9	17,5	45	40	128,4
4M-310 10-X	G 3/8	G 1/4	24	32	28	27	19,2	1,7	28	24	5,2	40	69,2	39,9	17,5	45	40	128,4
4M-410 15-X	G 1/2	G 1/4	40	45	27	34	19,2	1,7	39	36	6,5	55	74,2	39,9	25,5	63	57	174



COD	W1
4M-220 06-X	170,8
4M-220 08-X	170,8
4M-320 08-X	189,8
4M-320 10-X	189,8
4M-420 15-X	222,8

VERSION 5/3 ON REQUEST



MONOSTABILE 5/2



BISTABILE 5/2
BISTABILE 5/3

MONOSTABILE 5/2	BISTABILE 5/2	BISTABILE 5/3		

SPECIFICHE

CONNESSIONE	M5	G1/8	G1/8	G1/4 (Ex.G1/8)	G1/4	G3/8 (Ex.G1/4)	G3/8	G1/2
AREA DI PASSAGGIO (mm ²)	5/2:5,5 (CV=0,31) 5/3:5,5 (CV=0,28)	5/2:12 (CV=0,67) 5/3:9 (CV=0,50)	5/2:14 (CV=0,78) 5/3:12 (CV=0,67)	5/2:16 (CV=0,89) 5/3:12 (CV=0,67)	5/2:25 (CV=1,40) 5/3:18 (CV=1,00)	5/2:30 (CV=1,68) 5/3:18 (CV=1,00)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)
FLUIDO	ARIA FILTRATA (40 µm)							
TIPO DI AZIONAMENTO	PILOTA							
LUBRIFICAZIONE	NON RICHIESTA							
PRESSIONE DI ESERCIZIO (Bar)	1,5 - 8							
MASSIMA PRESSIONE (Bar)	12							
TEMPERATURA DI ESERCIZIO (°C)	-5 ~ +60							
FREQUENZA MASSIMA	5/2: 5 CICLI / s; 5/3: 3 CICLI / s;							



MONOSTABLE 5/2

 BISTABLE 5/2
 BISTABLE 5/3

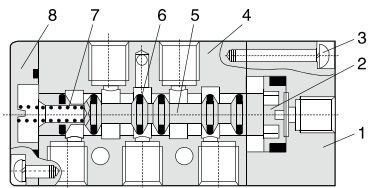

4V 101-401 	4V 102-402 	4V 103-403 	4V 104-404 	4V 105-405
MONOSTABLE 5/2	BISTABLE 5/2	BISTABLE 5/3		

SPECIFICATIONS

CONNECTION	M5	G1/8	G1/8	G1/4 (Ex.G1/8)	G1/4	G3/8 (Ex.G1/4)	G3/8	G1/2
PASSAGE AREA (mm ²)	5/2:5,5 (CV=0,31) 5/3:5,5 (CV=0,28)	5/2:12 (CV=0,67) 5/3:9 (CV=0,50)	5/2:14 (CV=0,78) 5/3:12 (CV=0,67)	5/2:16 (CV=0,89) 5/3:12 (CV=0,67)	5/2:25 (CV=1,40) 5/3:18 (CV=1,00)	5/2:30 (CV=1,68) 5/3:18 (CV=1,00)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)	5/2:50 (CV=2,79) 5/3:30 (CV=1,67)
FLUID	FILTERED AIR (40 µm)							
TYPE OF DRIVE	PILOT							
LUBRICATION	NOT REQUIRED							
WORKING PRESSURE (Bar)	1,5 - 8							
MAXIMUM PRESSURE (Bar)	12							
WORKING TEMPERATURE (°C)	-5 ~ +60							
MAXIMUM FREQUENCY	5/2: 5 CYCLES / s; 5/3: 3 CYCLES / s;							

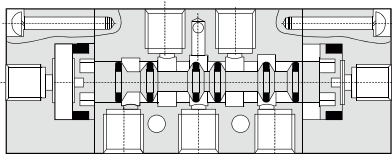
STRUTTURA INTERNA

MONOSTABILE 5/2



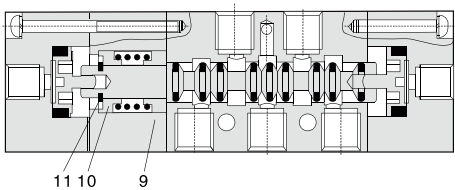
MONOSTABILE 5/2 - A RICHIESTA TIPO 3/2

BISTABILE 5/2



BISTABILE 5/2 - A RICHIESTA TIPO 3/2

BISTABILE 5/3



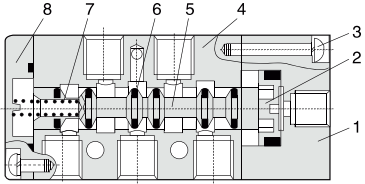
BISTABILE 5/3

No.	PARTICOLARE	MATERIALE
1	COPERCHIO DI CONTROLLO ARIA	LEGA DI ALLUMINIO
2	PISTONE	POM
3	VITI	ACCIAIO AL CARBONIO
4	CORPO VALVOLA	LEGA DI ALLUMINIO
5	SPOLA	LEGA DI ALLUMINIO
6	O-RING	NBR

No.	PARTICOLARE	MATERIALE
7	MOLLE	ACCIAIO INOX
8	TESTATA POSTERIORE	LEGA DI ZINCO
9	FONDELLO POSTERIORE	LEGA DI ALLUMINIO
10	MOLLA	LEGA DI ALLUMINIO
11	PIASTRINA	ACCIAIO

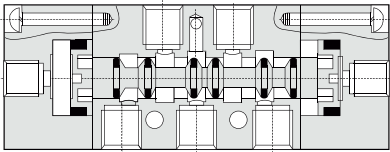
INTERNAL STRUCTURE

MONOSTABLE 5/2



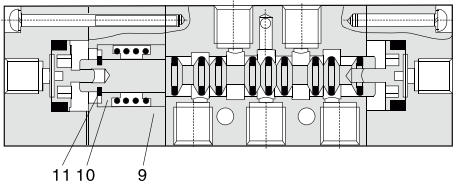
MONOSTABLE 5/2 - ON REQUEST TYPE 3/2

BISTABLE 5/2



BISTABLE 5/2 - ON REQUEST TYPE 3/2

BISTABLE 5/3



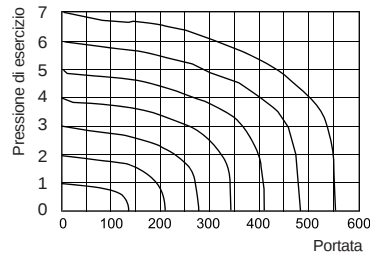
BISTABLE 5/3

No.	PARTICULAR	MATERIAL
1	AIR CONTROL COVER	ALUMINIUM ALLOY
2	PISTON	PM
3	SCREWS	CARBON STEEL
4	VALVE BODY	ALUMINIUM ALLOY
5	SHUTTLE	ALUMINIUM ALLOY
6	O-RINGS	NBR

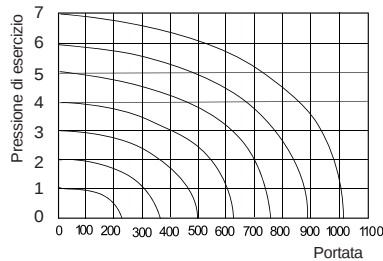
No.	PARTICULAR	MATERIAL
7	SOFT	STAINLESS STEEL
8	REAR HEAD	ZINC ALLOY
9	REAR PAD	ALUMINIUM ALLOY
10	SPRING	ALUMINIUM ALLOY
11	PLATE	STEEL

DIAGRAMMI DI PORTATA

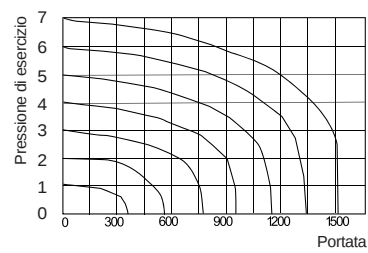
4V 101-105-M5



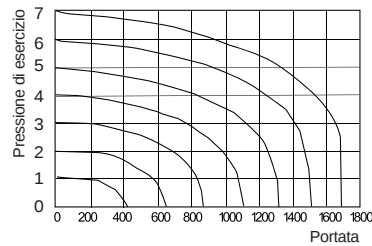
4V 101-105-06



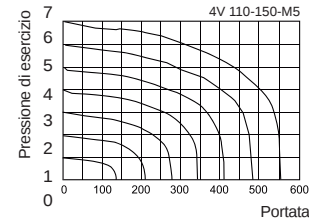
4V 201-205-06



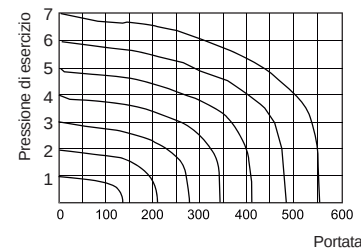
4V 201-205-08



4V 301-305-08

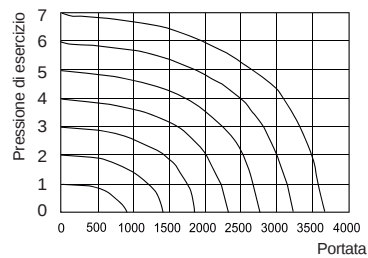


4V 301-305-10



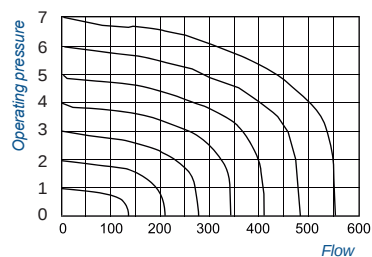
4V 401-405-10

4V 501-505-15

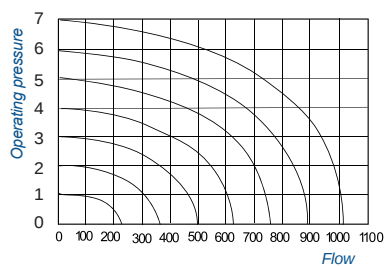


FLOW DIAGRAMS

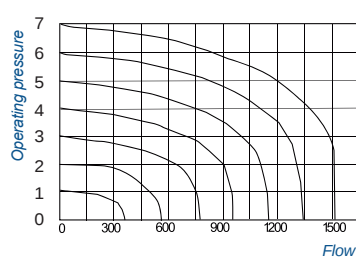
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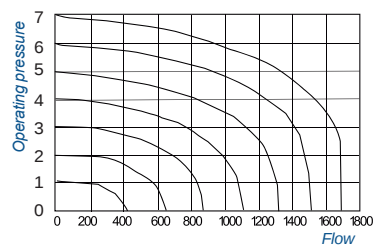
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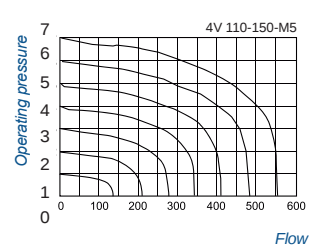
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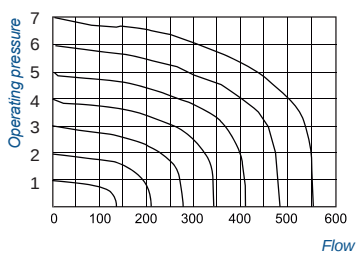
4V 201-205-08



4V 301-305-08

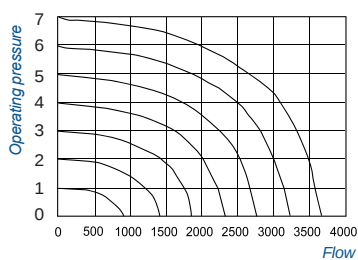


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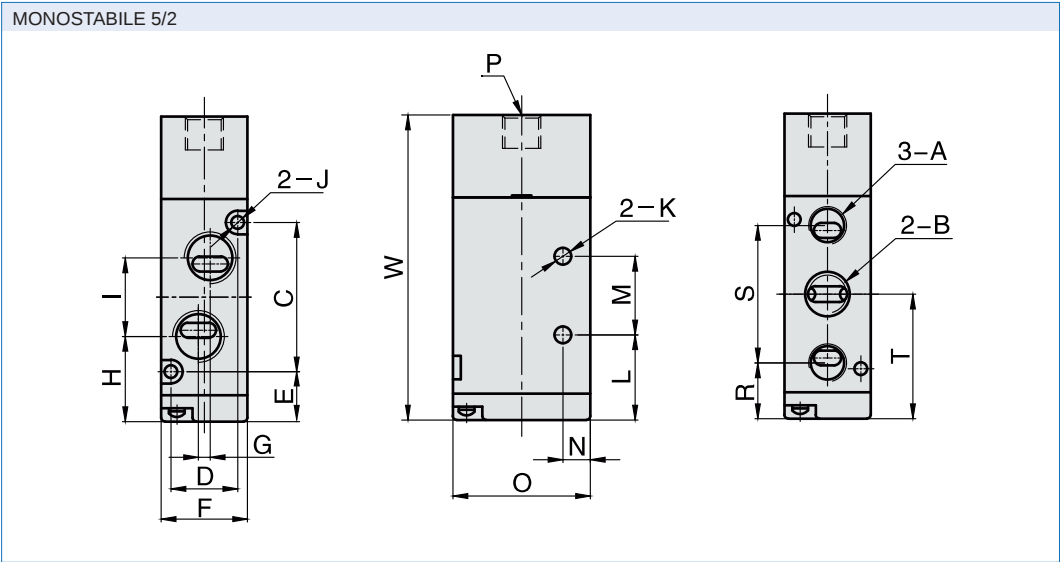


4V 401-405-10

4V 501-505-15

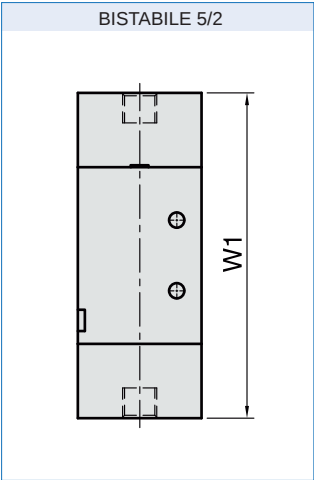


DIMENSIONI



(mm)

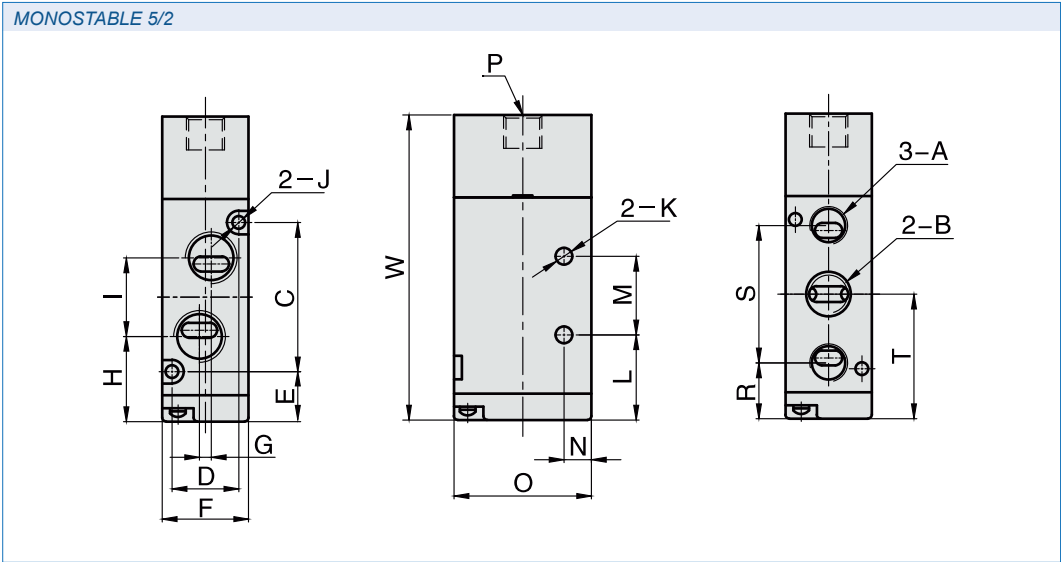
COD	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	W	W1	W2
4V 101-M5	M5	M5	30	13	13,2	18	3	20,2	16	3,3	3,3	21,2	14	4	27	G 1/8	14,2	28	28,2	68,7	81	96
4V 101-06	G 1/8	G 1/8	30	13	13,2	18	3	20,2	16	3,3	3,3	21,2	14	4	27	G 1/8	14,2	28	28,2	68,7	81	96
4V 201-06	G 1/8	G 1/8	38	17	12,7	22	3	21,2	21	4,3	4,3	21,7	20	7	35	G 1/8	13,7	36	31,7	77,7	92	111
4V 201-08	G 1/8	G 1/4	38	17	12,7	22	3	21,2	21	4,3	4,3	21,7	20	7	35	G 1/8	13,7	36	31,7	77,7	92	111
4V 301-08	G 1/4	G 1/4	50	20	15	27	4	28	24	4,3	4,3	28	24	6,5	40	G 1/8	17,5	45	40	95,5	111	130
4V 301-10	G 1/4	G 3/8	50	20	15	27	4	28	24	4,3	4,3	28	24	6,5	40	G 1/8	17,5	45	40	95,5	111	130
4V 401-15	G 1/2	G 1/2	72	27	21	34	4	39	36	4,3	5,5	43	28	7,5	50	G 1/8	25,5	63	57	128	142	163



COD	W1
4V 102-M5	81
4V 102-06	81
4V 202-06	92
4V 202-08	92
4V 302-08	111
4V 302-10	111
4V 402-15	142

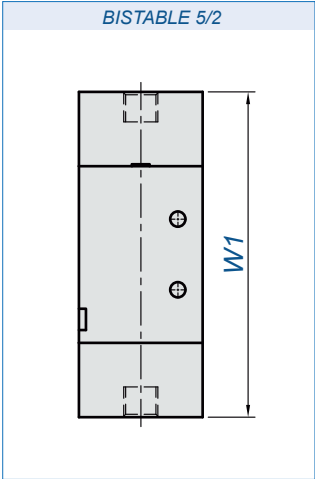
VERSIONE 5/3 A RICHIESTA

SIZES



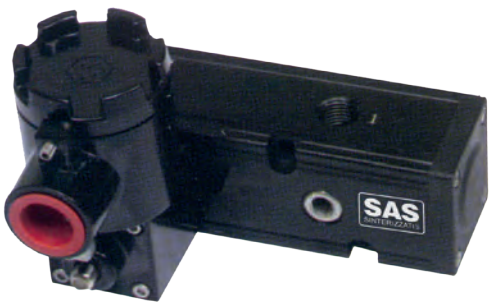
(mm)

COD	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	W	W1	W2
4V 101-M5	M5	M5	30	13	13,2	18	3	20,2	16	3,3	3,3	21,2	14	4	27	G 1/8	14,2	28	28,2	68,7	81	96
4V 101-06	G 1/8	G 1/8	30	13	13,2	18	3	20,2	16	3,3	3,3	21,2	14	4	27	G 1/8	14,2	28	28,2	68,7	81	96
4V 201-06	G 1/8	G 1/8	38	17	12,7	22	3	21,2	21	4,3	4,3	21,7	20	7	35	G 1/8	13,7	36	31,7	77,7	92	111
4V 201-08	G 1/8	G 1/4	38	17	12,7	22	3	21,2	21	4,3	4,3	21,7	20	7	35	G 1/8	13,7	36	31,7	77,7	92	111
4V 301-08	G 1/4	G 1/4	50	20	15	27	4	28	24	4,3	4,3	28	24	6,5	40	G 1/8	17,5	45	40	95,5	111	130
4V 301-10	G 1/4	G 3/8	50	20	15	27	4	28	24	4,3	4,3	28	24	6,5	40	G 1/8	17,5	45	40	95,5	111	130
4V 401-15	G 1/2	G 1/2	72	27	21	34	4	39	36	4,3	5,5	43	28	7,5	50	G 1/8	25,5	63	57	128	142	163

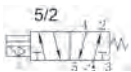


COD	W1
4V 102-M5	81
4V 102-06	81
4V 202-06	92
4V 202-08	92
4V 302-08	111
4V 302-10	111
4V 402-15	142

VERSION 5/3 ON REQUEST



MONOSTABILE NAMUR 5/2 - ALLUMINIO

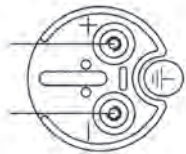


SPECIFICHE

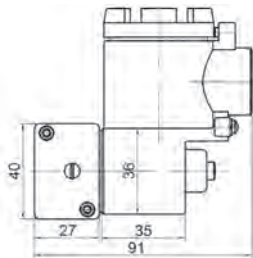
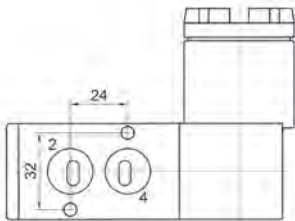
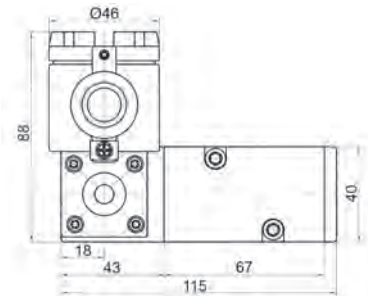
CORPO	ALLUMINIO ESTRUSO
FINITURA	ANODIZZATO
BOBINA	ALLUMINIO
GUARNIZIONI	HNBR
MATERIALE IN CONTATTO CON IL FLUIDO	ALLUMINIO, NYLON, HNBR
FUNZIONAMENTO	CV = 1,4 (25 mm)
FILETTATURE	G 1/4" BSPP OR NTP 1/4
STANDARD DI MONTAGGIO	24*32 NAMUR
VITI DI FISSAGGIO	ACCIAIO INOX
CLASSE DI PROTEZIONE	IP65 / NEMA4,4X
CLASSE EX-PROOF	NO
TEMPERATURA DI ESERCIZIO	-10 ~ +80 °C
PRESSIONE DI ESERCIZIO	1 ~ 8 Bar
ESERCIZIO MEDIO	< = 40 um ARIA SECCA E LUBRIFICATA
CICLI DI VITA	10 MILIONI

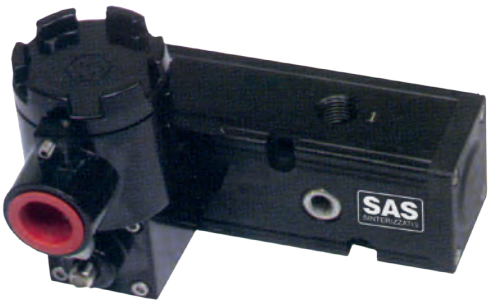
SPECIFICHE SOLENOIDE

COPERTURA	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
BOBINA	ALLUMINIO ANODIZZATO
VITI DI FISSAGGIO	M20 1.5" 1/2 BSPP OR NPT
GRADO DI ISOLAMENTO	BOBINA DI CLASSE H
RESISTENZA DIELETTRICA	1000 V
CICLO DI LAVORO	100% ED
CLASSE DI PROTEZIONE	IP 66
CLASSE EX-PROOF	ExdIICT6 DIPA 20 TA, T6
TEMPERATURA DI ESERCIZIO	-30 ~ +120 °C

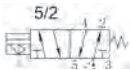


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MONOSTABLE NAMUR 5/2 - ALUMINUM

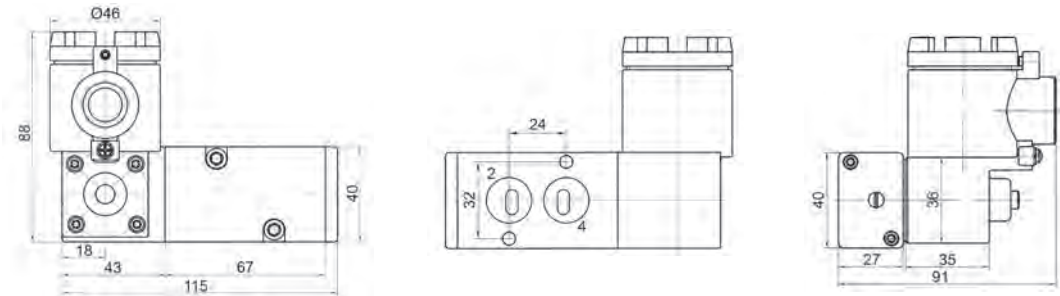


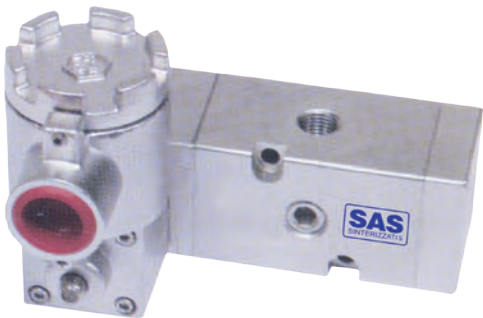
SPECIFICATIONS

BODY	ALUMINUM
FINISH	ANODISED
COIL	ALUMINUM
GASKETS	HNB extension
MATERIAL IN CONTACT WITH THE FLUID	ALUMINUM, NYLON, HNBR
OPERATION	CV = 1.4 (25mm)
THREADS	G 1/4" BSPP OR NTP 1/4
FITTING STANDARDS	24*32 NAMUR
FIXING SCREWS	STAINLESS STEEL
PROTECTION CLASS	IP65 / NEMA4.4X
EX-PROOF CLASS	NO
OPERATING TEMPERATURE	-10 ~ +80°C
OPERATING PRESSURE	1 ~ 8 Bars
MEDIUM EXERCISE	< = 40 um DRY, LUBRICATED AIR
LIFE CYCLES	10 MILLION

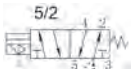
SOLENOID SPECIFICATIONS

COIL	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
FIXING SCREWS	ANODIZED ALUMINUM
DEGREE OF INSULATION	M20 1.5* 1/2 BSPP OR NPT
DIELECTRIC STRENGTH	CLASS H COIL
WORKING CYCLE	1000V
PROTECTION CLASS	100% ED
EX-PROOF CLASS	IP66
OPERATING TEMPERATURE	ExdIICT6 DIPA 20 CT, T6
OPERATING TEMPERATURE	-30 ~ +120°C





MONOSTABILE NAMUR 5/2 - AISI 316 L

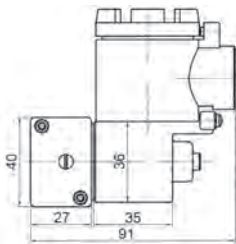
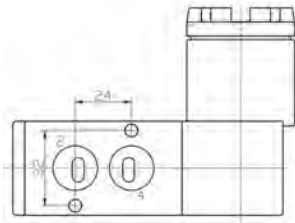
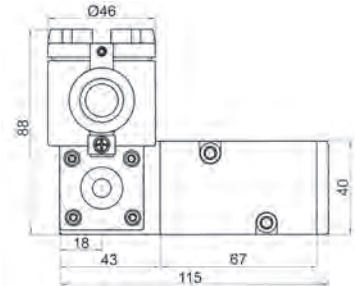


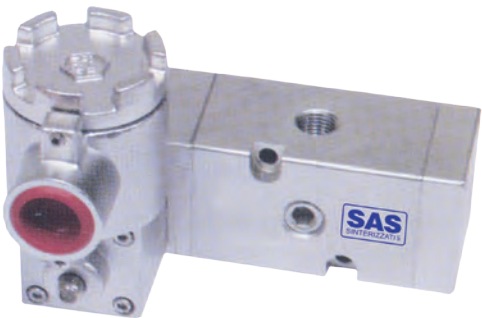
SPECIFICHE

CORPO	SS 316 L
FINITURA	LUCIDATURA ELETTROCHIMICA
GUARNIZIONI	NBR
MATERIALE IN CONTATTO CON IL FLUIDO	POM SS316, NBR, POM
FUNZIONAMENTO	5/2 AND 3/2 NC, CV=1,4 (25 mm)
FILETTATURE	G 1/4" BSPP OR NTP 1/4
STANDARD DI MONTAGGIO	24*32 NAMUR AND PIPE CONNECTION
VITI DI FISSAGGIO	ACCIAIO INOX
CLASSE DI PROTEZIONE	IP65 / NEMA4,4X
CLASSE EX-PROOF	NO
TEMPERATURA DI ESERCIZIO	-10 ~ +80 °C
PRESSIONE DI ESERCIZIO	1 ~ 8 Bar
ESERCIZIO MEDIO	< = 40 um ARIA SECCA E LUBRIFICATA
CICLI DI VITA	10 MILIONI

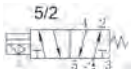
SPECIFICHE SOLENOIDE

COPERTURA	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
BOBINA	ACCIAIO INOX 316
VITI DI FISSAGGIO	M20 1.5" 1/2 BSPP OR NPT
GRADO DI ISOLAMENTO	BOBINA DI CLASSE H
RESISTENZA DIELETTRICA	1000 V
CICLO DI LAVORO	100% ED
CLASSE DI PROTEZIONE	IP 66
CLASSE EX-PROOF	ExdIICT6 DIPA 20 TA, T6
TEMPERATURA DI ESERCIZIO	-30 ~ +120 °C





MONOSTABILE NAMUR 5/2 - AISI 316 L

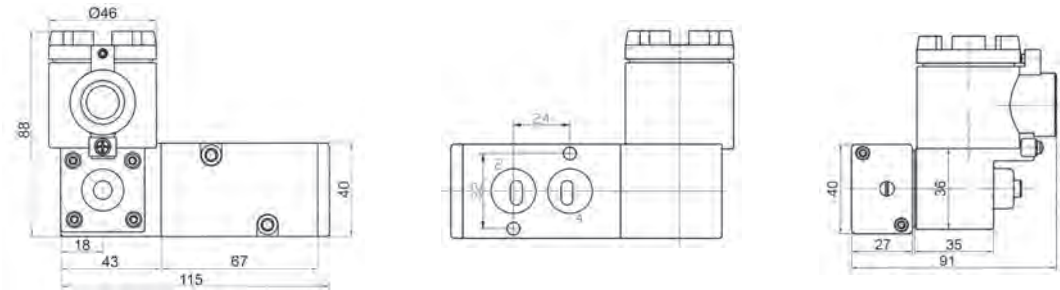


SPECIFICATIONS

BODY	SS 316 L
FINISH	ELECTROCHEMICAL POLISHING
GASKETS	NBR
MATERIAL IN CONTACT WITH THE FLUID	POM SS316, NBR, POM
OPERATION	5/2 AND 3/2 NC, CV=1.4 (25mm)
THREADS	G 1/4" BSPP OR NTP 1/4
FITTING STANDARDS	24*32 NAMUR AND PIPE CONNECTION
FIXING SCREWS	STAINLESS STEEL
PROTECTION CLASS	IP65 / NEMA4.4X
EX-PROOF CLASS	NO
OPERATING TEMPERATURE	-10 ~ +80°C
OPERATING PRESSURE	1 ~ 8 Bars
MEDIUM EXERCISE	< = 40 um DRY, LUBRICATED AIR
LIFE CYCLES	10 MILLION

SOLENOID SPECIFICATIONS

COVER	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
COIL	316 STAINLESS STEEL
FIXING SCREWS	M20 1.5* 1/2 BSPP OR NPT
DEGREE OF INSULATION	CLASS H COIL
DIELECTRIC STRENGTH	1000V
WORKING CYCLE	100% ED
PROTECTION CLASS	IP66
EX-PROOF CLASS	ExdllCT6 DIPA 20 CT, T6
OPERATING TEMPERATURE	-30 ~ +120°C





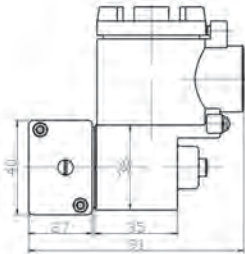
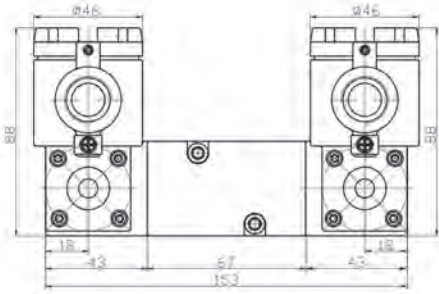
BISTABILE NAMUR 5/2 - ALLUMINIO

SPECIFICHE

CORPO	ALLUMINIO ESTRUSO
FINITURA	ANODIZZATO
BOBINA	ALLUMINIO
GUARNIZIONI	HNBR
MATERIALE IN CONTATTO CON IL FLUIDO	ALLUMINIO, NYLON, HNBR
FUNZIONAMENTO	CV = 1,4 (25 mm)
FILETTATURE	G 1/4" BSPP OR NTP 1/4
STANDARD DI MONTAGGIO	24*32 NAMUR
VITI DI FISSAGGIO	ACCIAIO INOX
CLASSE DI PROTEZIONE	IP65 / NEMA4,4X
CLASSE EX-PROOF	NO
TEMPERATURA DI ESERCIZIO	-10 ~ +80 °C
PRESSIONE DI ESERCIZIO	1 ~ 8 Bar
ESERCIZIO MEDIO	< = 40 µm ARIA SECCA E LUBRIFICATA
CICLI DI VITA	10 MILIONI

SPECIFICHE SOLENOIDE

COPERTURA	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
BOBINA	ALLUMINIO ANODIZZATO
VITI DI FISSAGGIO	M20 1.5" 1/2 BSPP OR NPT
GRADO DI ISOLAMENTO	BOBINA DI CLASSE H
RESISTENZA DIELETTRICA	1000 V
CICLO DI LAVORO	100% ED
CLASSE DI PROTEZIONE	IP 66
CLASSE EX-PROOF	ExdIICT6 DIPA 20 TA, T6
TEMPERATURA DI ESERCIZIO	-30 ~ +120 °C





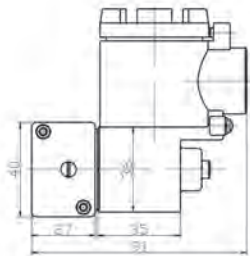
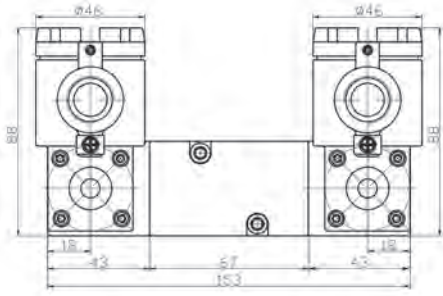
BISTABLE NAMUR 5/2 - ALUMINUM

SPECIFICATIONS

BODY	EXTRUDED ALUMINUM
FINISH	ANODISED
COIL	ALUMINUM
GASKETS	HNB extension
MATERIAL IN CONTACT WITH THE FLUID	ALUMINUM, NYLON, HNBR
OPERATION	CV = 1.4 (25mm)
THREADS	G 1/4" BSPP OR NPT 1/4
FITTING STANDARDS	24*32 NAMUR
FIXING SCREWS	STAINLESS STEEL
PROTECTION CLASS	IP65 / NEMA4.4X
EX-PROOF CLASS	NO
OPERATING TEMPERATURE	-10 ~ +80°C
OPERATING PRESSURE	1 ~ 8 Bars
MEDIUM EXERCISE	< = 40 um DRY, LUBRICATED AIR
LIFE CYCLES	10 MILLION

SOLENOID SPECIFICATIONS

COVER	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
COIL	ANODIZED ALUMINUM
FIXING SCREWS	M20 1.5* 1/2 BSPP OR NPT
DEGREE OF INSULATION	CLASS H COIL
DIELECTRIC STRENGTH	1000V
WORKING CYCLE	100% ED
PROTECTION CLASS	IP66
EX-PROOF CLASS	ExdllCT6 DIPA 20 CT, T6
OPERATING TEMPERATURE	-30 ~ +120°C





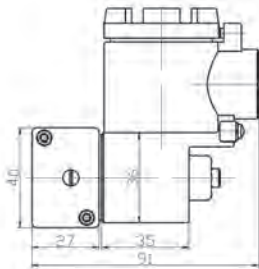
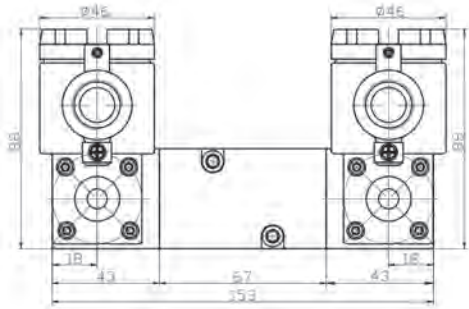
BISTABILE NAMUR 5/2 - AISI 316 L

SPECIFICHE

CORPO	SS 316 L
FINITURA	LUCIDATURA ELETTROCHIMICA
GUARNIZIONI	NBR
MATERIALE IN CONTATTO CON IL FLUIDO	POM SS316, NBR, POM
FUNZIONAMENTO	5/2 AND 3/2 NC, CV=1,4 (25 mm)
FILETTATURE	G 1/4" BSPP OR NTP 1/4
STANDARD DI MONTAGGIO	24*32 NAMUR AND PIPE CONNECTION
VITI DI FISSAGGIO	ACCIAIO INOX
CLASSE DI PROTEZIONE	IP65 / NEMA4,4X
CLASSE EX-PROOF	NO
TEMPERATURA DI ESERCIZIO	-10 ~ +80 °C
PRESSIONE DI ESERCIZIO	1 ~ 8 Bar
ESERCIZIO MEDIO	<= 40 um ARIA SECCA E LUBRIFICATA
CICLI DI VITA	10 MILIONI

SPECIFICHE SOLENOIDE

COPERTURA	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
BOBINA	ACCIAIO INOX 316
VITI DI FISSAGGIO	M20 1.5" 1/2 BSPP OR NPT
GRADO DI ISOLAMENTO	BOBINA DI CLASSE H
RESISTENZA DIELETTRICA	1000 V
CICLO DI LAVORO	100% ED
CLASSE DI PROTEZIONE	IP 66
CLASSE EX-PROOF	ExdIICT6 DIPA 20 TA, T6
TEMPERATURA DI ESERCIZIO	-30 ~ +120 °C





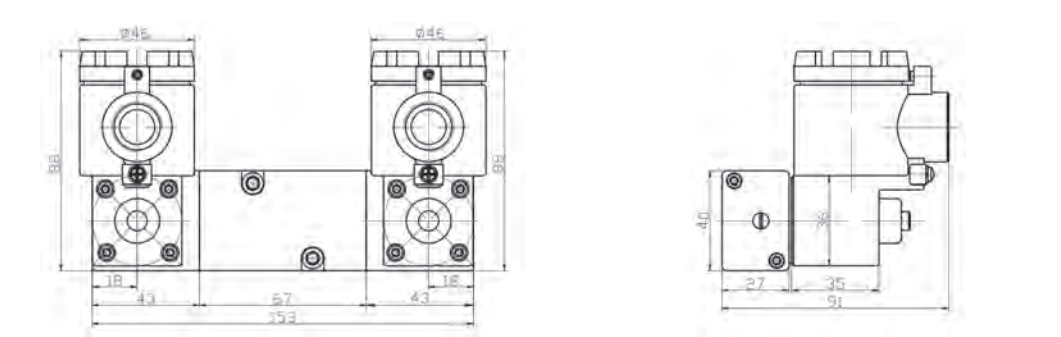
BISTABLE NAMUR 5/2 - AISI 316 L

SPECIFICATIONS

BODY	SS 316 L
FINISH	ELECTROCHEMICAL POLISHING
GASKETS	NBR
MATERIAL IN CONTACT WITH THE FLUID	POM SS316, NBR, POM
OPERATION	5/2 AND 3/2 NC, CV=1.4 (25mm)
THREADS	G 1/4" BSPP OR NTP 1/4
FITTING STANDARDS	24*32 NAMUR AND PIPE CONNECTION
FIXING SCREWS	STAINLESS STEEL
PROTECTION CLASS	IP65 / NEMA4.4X
EX-PROOF CLASS	NO
OPERATING TEMPERATURE	-10 ~ +80°C
OPERATING PRESSURE	1 ~ 8 Bars
MEDIUM EXERCISE	<= 40 um DRY, LUBRICATED AIR
LIFE CYCLES	10 MILLION

SOLENOID SPECIFICATIONS

COVER	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
COIL	316 STAINLESS STEEL
FIXING SCREWS	M20 1.5* 1/2 BSPP OR NPT
DEGREE OF INSULATION	CLASS H COIL
DIELECTRIC STRENGTH	1000V
WORKING CYCLE	100% ED
PROTECTION CLASS	IP66
EX-PROOF CLASS	ExdllCT6 DIPA 20 CT, T6
OPERATING TEMPERATURE	-30 ~ +120°C

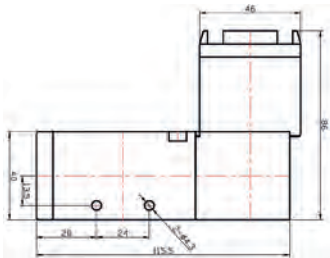




MONOSTABILE 5/2 - ALLUMINIO

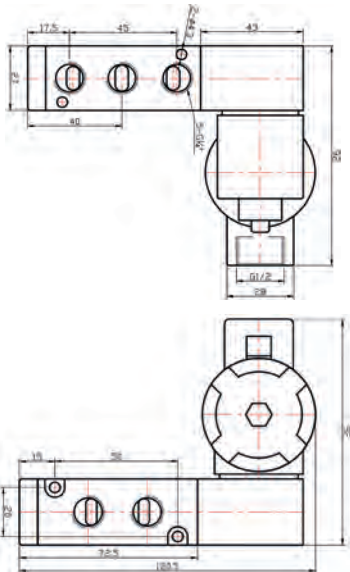
SPECIFICHE

CORPO	ALLUMINIO ESTRUSO
FINITURA	ANODIZZATO
BOBINA	ALLUMINIO
GUARNIZIONI	HNBR
MATERIALE IN CONTATTO CON IL FLUIDO	ALLUMINIO, NYLON, HNBR
FUNZIONAMENTO	CV = 1,4 (25 mm)
FILETTATURE	G 1/4" BSPP OR NTP 1/4
STANDARD DI MONTAGGIO	24*32 NAMUR
VITI DI FISSAGGIO	ACCIAIO INOX
CLASSE DI PROTEZIONE	IP65 / NEMA4,4X
CLASSE EX-PROOF	NO
TEMPERATURA DI ESERCIZIO	-10 ~ +80 °C
PRESSIONE DI ESERCIZIO	1 ~ 8 Bar
ESERCIZIO MEDIO	< = 40 µm ARIA SECCA E LUBRIFICATA
CICLI DI VITA	10 MILIONI



SPECIFICHE SOLENOIDE

COPERTURA	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
BOBINA	ALLUMINIO ANODIZZATO
VITI DI FISSAGGIO	M20 1.5" 1/2 BSPP OR NPT
GRADO DI ISOLAMENTO	BOBINA DI CLASSE H
RESISTENZA DIELETTRICA	1000 V
CICLO DI LAVORO	100% ED
CLASSE DI PROTEZIONE	IP 66
CLASSE EX-PROOF	ExdIICT6 DIPA 20 TA, T6
TEMPERATURA DI ESERCIZIO	-30 ~ +120 °C





MONOSTABLE 5/2 - ALUMINUM

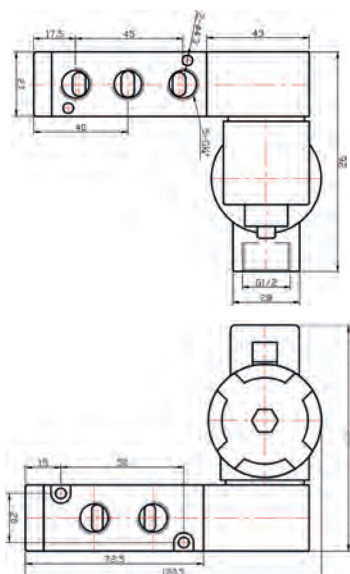
SPECIFICATIONS

BODY	EXTRUDED ALUMINUM
FINISH	ANODISED
COIL	ALUMINUM
GASKETS	HNB extension
MATERIAL IN CONTACT WITH THE FLUID	ALUMINUM, NYLON, HNBR
OPERATION	CV = 1.4 (25mm)
THREADS	G 1/4" BSPP OR NTP 1/4
FITTING STANDARDS	24*32 NAMUR
FIXING SCREWS	STAINLESS STEEL
PROTECTION CLASS	IP65 / NEMA4.4X
EX-PROOF CLASS	NO
OPERATING TEMPERATURE	-10 ~ +80°C
OPERATING PRESSURE	1 ~ 8 Bars
MEDIUM EXERCISE	< = 40 um DRY, LUBRICATED AIR
LIFE CYCLES	10 MILLION



SOLENOID SPECIFICATIONS

COVER	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
COIL	ANODIZED ALUMINUM
FIXING SCREWS	M20 1.5" 1/2 BSPP OR NPT
DEGREE OF INSULATION	CLASS H COIL
DIELECTRIC STRENGTH	1000V
WORKING CYCLE	100% ED
PROTECTION CLASS	IP66
EX-PROOF CLASS	ExdIICT6 DIPA 20 CT, T6
OPERATING TEMPERATURE	-30 ~ +120°C

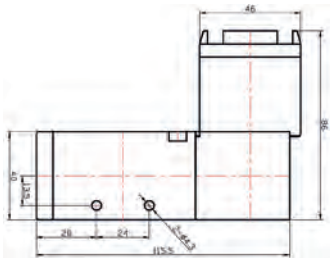




MONOSTABILE 5/2 - AISI 316 L

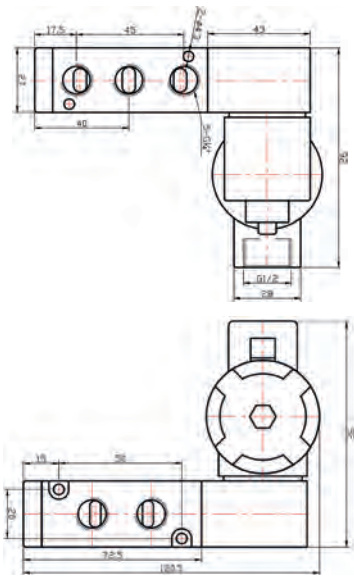
SPECIFICHE

CORPO	SS 316 L
FINITURA	LUCIDATURA ELETTROCHIMICA
GUARNIZIONI	NBR
MATERIALE IN CONTATTO CON IL FLUIDO	POM SS316, NBR, POM
FUNZIONAMENTO	5/2 AND 3/2 NC, CV=1,4 (25 mm)
FILETTATURE	G 1/4" BSPP OR NTP 1/4
STANDARD DI MONTAGGIO	24*32 NAMUR AND PIPE CONNECTION
VITI DI FISSAGGIO	ACCIAIO INOX
CLASSE DI PROTEZIONE	IP65 / NEMA4,4X
CLASSE EX-PROOF	NO
TEMPERATURA DI ESERCIZIO	-10 ~ +80 °C
PRESSIONE DI ESERCIZIO	1 ~ 8 Bar
ESERCIZIO MEDIO	< = 40 um ARIA SECCA E LUBRIFICATA
CICLI DI VITA	10 MILIONI



SPECIFICHE SOLENOIDE

COPERTURA	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
BOBINA	ACCIAIO INOX 316
VITI DI FISSAGGIO	M20 1.5" 1/2 BSPP OR NPT
GRADO DI ISOLAMENTO	BOBINA DI CLASSE H
RESISTENZA DIELETTRICA	1000 V
CICLO DI LAVORO	100% ED
CLASSE DI PROTEZIONE	IP 66
CLASSE EX-PROOF	ExdIICT6 DIPA 20 TA, T6
TEMPERATURA DI ESERCIZIO	-30 ~ +120 °C

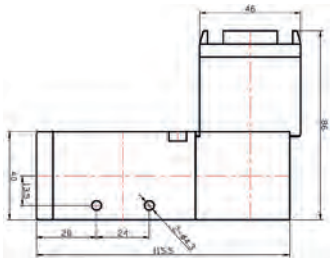




MONOSTABLE 5/2 - AISI 316 L

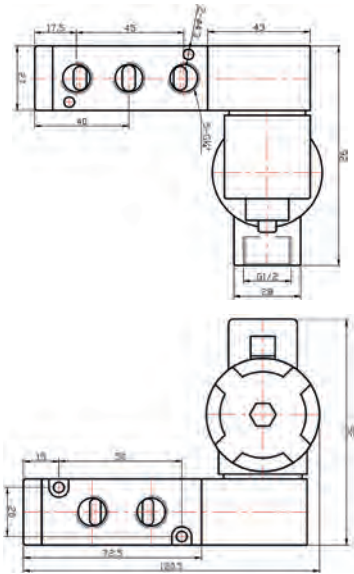
SPECIFICATIONS

BODY	SS 316 L
FINISH	ELECTROCHEMICAL POLISHING
GASKETS	NBR
MATERIAL IN CONTACT WITH THE FLUID	POM SS316, NBR, POM
OPERATION	5/2 AND 3/2 NC, CV=1.4 (25mm)
THREADS	G 1/4" BSPP OR NTP 1/4
FITTING STANDARDS	24*32 NAMUR AND PIPE CONNECTION
FIXING SCREWS	STAINLESS STEEL
PROTECTION CLASS	IP65 / NEMA4.4X
EX-PROOF CLASS	NO
OPERATING TEMPERATURE	-10 ~ +80°C
OPERATING PRESSURE	1 ~ 8 Bars
MEDIUM EXERCISE	<= 40 µm DRY, LUBRICATED AIR
LIFE CYCLES	10 MILLION



SOLENOID SPECIFICATIONS

COVER	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
COIL	316 STAINLESS STEEL
FIXING SCREWS	M20 1.5* 1/2 BSPP OR NPT
DEGREE OF INSULATION	CLASS H COIL
DIELECTRIC STRENGTH	1000V
WORKING CYCLE	100% ED
PROTECTION CLASS	IP66
EX-PROOF CLASS	ExdllCT6 DIPA 20 CT, T6
OPERATING TEMPERATURE	-30 ~ +120°C

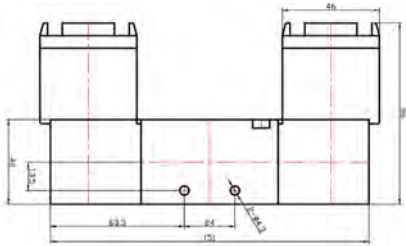




BISTABILE 5/2 - ALLUMINIO

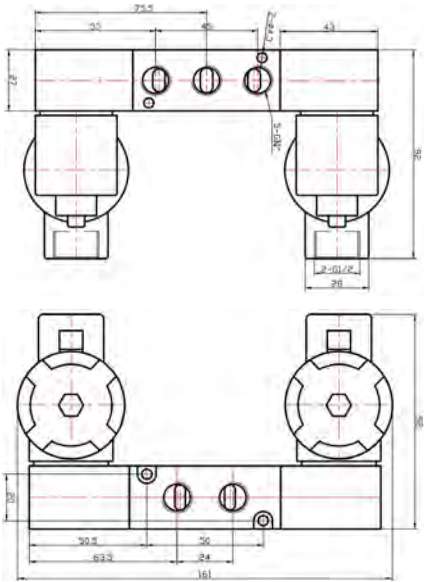
SPECIFICHE

CORPO	ALLUMINIO ESTRUSO
FINITURA	ANODIZZATO
BOBINA	ALLUMINIO
GUARNIZIONI	HNBR
MATERIALE IN CONTATTO CON IL FLUIDO	ALLUMINIO, NYLON, HNBR
FUNZIONAMENTO	CV = 1,4 (25 mm)
FILETTATURE	G 1/4" BSPP OR NTP 1/4
STANDARD DI MONTAGGIO	24*32 NAMUR
VITI DI FISSAGGIO	ACCIAIO INOX
CLASSE DI PROTEZIONE	IP65 / NEMA4,4X
CLASSE EX-PROOF	NO
TEMPERATURA DI ESERCIZIO	-10 ~ +80 °C
PRESSIONE DI ESERCIZIO	1 ~ 8 Bar
ESERCIZIO MEDIO	< = 40 um ARIA SECCA E LUBRIFICATA
CICLI DI VITA	10 MILIONI



SPECIFICHE SOLENOIDE

COPERTURA	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
BOBINA	ALLUMINIO ANODIZZATO
VITI DI FISSAGGIO	M20 1.5" 1/2 BSPP OR NPT
GRADO DI ISOLAMENTO	BOBINA DI CLASSE H
RESISTENZA DIELETTRICA	1000 V
CICLO DI LAVORO	100% ED
CLASSE DI PROTEZIONE	IP 66
CLASSE EX-PROOF	ExdIICT6 DIPA 20 TA, T6
TEMPERATURA DI ESERCIZIO	-30 ~ +120 °C

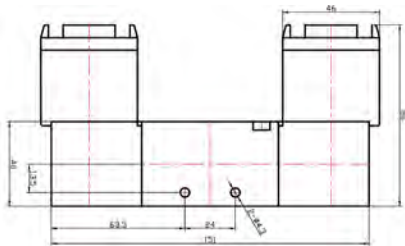




BISTABLE 5/2 - ALUMINUM

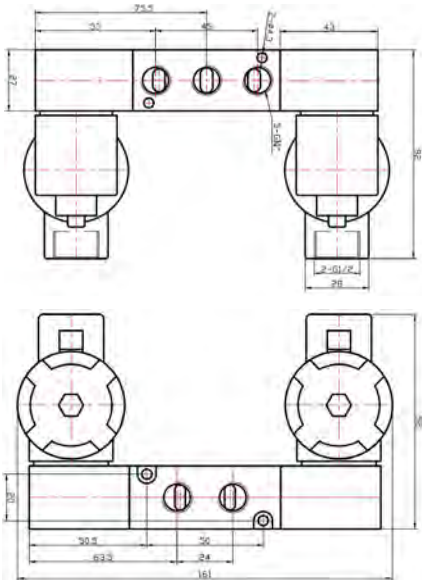
SPECIFICATIONS

BODY	EXTRUDED ALUMINUM
FINISH	ANODISED
COIL	ALUMINUM
GASKETS	HNB extension
MATERIAL IN CONTACT WITH THE FLUID	ALUMINUM, NYLON, HNBR
OPERATION	CV = 1.4 (25mm)
THREADS	G 1/4" BSPP OR NPT 1/4
FITTING STANDARDS	24*32 NAMUR
FIXING SCREWS	STAINLESS STEEL
PROTECTION CLASS	IP65 / NEMA4.4X
EX-PROOF CLASS	NO
OPERATING TEMPERATURE	-10 ~ +80°C
OPERATING PRESSURE	1 ~ 8 Bars
MEDIUM EXERCISE	< = 40 um DRY, LUBRICATED AIR
LIFE CYCLES	10 MILLION



SOLENOID SPECIFICATIONS

COVER	24 DC-3,5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
COIL	ANODIZED ALUMINUM
FIXING SCREWS	M20 1.5* 1/2 BSPP OR NPT
DEGREE OF INSULATION	CLASS H COIL
DIELECTRIC STRENGTH	1000V
WORKING CYCLE	100% ED
PROTECTION CLASS	IP66
EX-PROOF CLASS	ExdllCT6 DIPA 20 CT, T6
OPERATING TEMPERATURE	-30 ~ +120°C

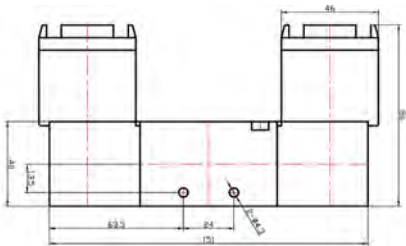




BISTABILE 5/2 - AISI 316 L

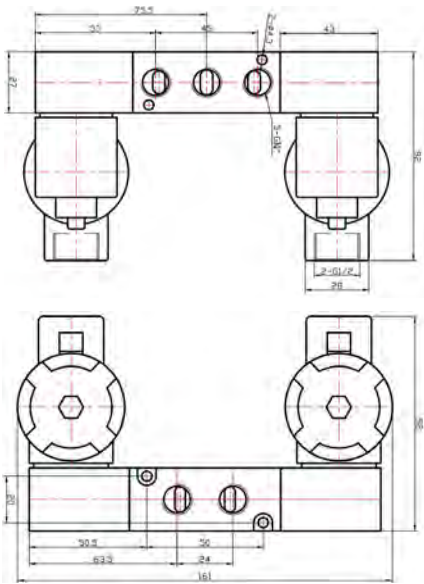
SPECIFICHE

CORPO	SS 316 L
FINITURA	LUCIDATURA ELETTROCHIMICA
GUARNIZIONI	NBR
MATERIALE IN CONTATTO CON IL FLUIDO	POM SS316, NBR, POM
FUNZIONAMENTO	5/2 AND 3/2 NC, CV=1,4 (25 mm)
FILETTATURE	G 1/4" BSPP OR NTP 1/4
STANDARD DI MONTAGGIO	24*32 NAMUR AND PIPE CONNECTION
VITI DI FISSAGGIO	ACCIAIO INOX
CLASSE DI PROTEZIONE	IP65 / NEMA4,4X
CLASSE EX-PROOF	NO
TEMPERATURA DI ESERCIZIO	-10 ~ +80 °C
PRESSIONE DI ESERCIZIO	1 ~ 8 Bar
ESERCIZIO MEDIO	< = 40 um ARIA SECCA E LUBRIFICATA
CICLI DI VITA	10 MILIONI



SPECIFICHE SOLENOIDE

COPERTURA	24 DC-3.5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4.5 VA
BOBINA	ACCIAIO INOX 316
VITI DI FISSAGGIO	M20 1.5" 1/2 BSPP OR NPT
GRADO DI ISOLAMENTO	BOBINA DI CLASSE H
RESISTENZA DIELETTICA	1000 V
CICLO DI LAVORO	100% ED
CLASSE DI PROTEZIONE	IP 66
CLASSE EX-PROOF	ExdIICT6 DIPA 20 TA, T6
TEMPERATURA DI ESERCIZIO	-30 ~ +120 °C

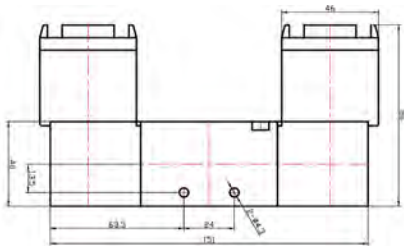




BISTABLE 5/2 - AISI 316 L

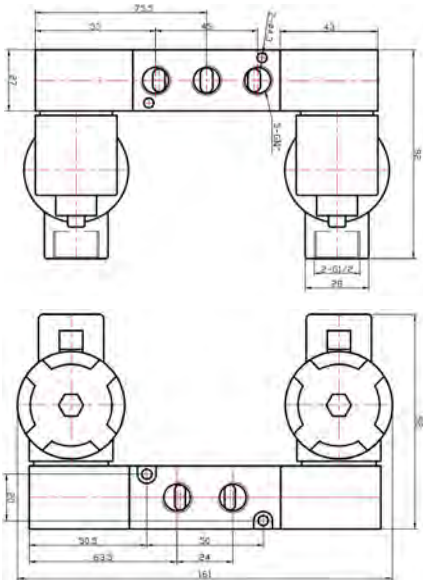
SPECIFICATIONS

BODY	SS 316 L
FINISH	ELECTROCHEMICAL POLISHING
GASKETS	NBR
MATERIAL IN CONTACT WITH THE FLUID	POM SS316, NBR, POM
OPERATION	5/2 AND 3/2 NC, CV=1.4 (25mm)
THREADS	G 1/4" BSPP OR NTP 1/4
FITTING STANDARDS	24*32 NAMUR AND PIPE CONNECTION
FIXING SCREWS	STAINLESS STEEL
PROTECTION CLASS	IP65 / NEMA4.4X
EX-PROOF CLASS	NO
OPERATING TEMPERATURE	-10 ~ +80°C
OPERATING PRESSURE	1 ~ 8 Bars
MEDIUM EXERCISE	<= 40 um DRY, LUBRICATED AIR
LIFE CYCLES	10 MILLION



SOLENOID SPECIFICATIONS

COVER	24 DC-3.5 W (50/60 HZ) 110/120 VAC-4 VA 240 VAC-4,5 VA
COIL	316 STAINLESS STEEL
FIXING SCREWS	M20 1.5* 1/2 BSPP OR NPT
DEGREE OF INSULATION	CLASS H COIL
DIELECTRIC STRENGTH	1000V
WORKING CYCLE	100% ED
PROTECTION CLASS	IP66
EX-PROOF CLASS	ExdIICT6 DIPA 20 CT, T6
OPERATING TEMPERATURE	-30 ~ +120°C



SDK



COD	DIMENSIONI - <i>SIZE</i>	CARATTERISTICHE - <i>FEATURES</i>	VERSIONE - <i>VERSION</i>
SDK 24 L6	G 1/8"	4/2	Attacchi sul corpo - <i>Body port</i>
SDK 24 L6 D	G 1/8"	4/2	Attacchi posteriori - <i>Botton port</i>
SDK 24 L8	G 1/4"	4/2	Attacchi sul corpo - <i>Body port</i>
SDK 24 L8 D	G 1/4"	4/2	Attacchi posteriori - <i>Botton port</i>
SDK 34 L6	G 1/8"	4/3	Attacchi sul corpo - <i>Body port</i>
SDK 34 L6 D	G 1/8"	4/3	Attacchi posteriori - <i>Botton port</i>
SDK 34 L8	G 1/4"	4/3	Attacchi sul corpo - <i>Body port</i>
SDK 34 L8 D	G 1/4"	4/3	Attacchi posteriori - <i>Botton port</i>

SHV	
	
SHV 200 - SHV 02 - SHV 300 - SHV 03 SHV 400 - SHV 04 - SHV 06 - SHV 08	SHV 021 - SHV 031 - SHV 041 SHV 061 - SHV 081

COD	DIMENSIONI - <i>SIZE</i>	CARATTERISTICHE - <i>FEATURES</i>	VERSIONE - <i>VERSION</i>
SHV 200	G 1/4"	4/2	Maniglia - <i>Handle</i>
SHV 02	G 1/4"	4/2	Pomello - <i>Knob</i>
SHV 300	G 3/8"	4/2	Maniglia - <i>Handle</i>
SHV 03	G 3/8"	4/2	Pomello - <i>Knob</i>
SHV 400	G 1/2"	4/2	Maniglia - <i>Handle</i>
SHV 04	G 1/2"	4/2	Pomello - <i>Knob</i>
SHV 06	G 3/4"	4/2	Pomello - <i>Knob</i>
SHV 08	G 1"	4/2	Pomello - <i>Knob</i>
SHV 021	G 1/4"	4/3	Pomello - <i>Knob</i>
SHV 031	G 3/8"	4/3	Pomello - <i>Knob</i>
SHV 041	G 1/2"	4/3	Pomello - <i>Knob</i>
SHV 061	G 3/4"	4/3	Pomello - <i>Knob</i>
SHV 081	G 1"	4/3	Pomello - <i>Knob</i>



COD	DIMENSIONI - <i>SIZE</i>	CARATTERISTICHE - <i>FEATURES</i>	VERSIONE - <i>VERSION</i>
SJM 05	1/8"	3/2	Selettore (nero) - <i>Selector knob (black)</i>
SJM 06	1/8"	3/2	Fungo (nero / rosso / verde) - <i>Mushroom head botton (black / red / green)</i>
SJM 06 A	1/8"	3/2	Pulsante rialzato (nero / rosso / verde) - <i>Rised button (black / red / green)</i>
SJM 07	1/8"	3/2	Rullino - <i>Roller</i>



COD	DIMENSIONI - <i>SIZE</i>	CARATTERISTICHE - <i>FEATURES</i>	VERSIONE - <i>VERSION</i>
SMOV 01	1/8"	2/2	Selettore (nero) - <i>Selector knob (black)</i>
SMOV 02	1/8"	2/2	Pulsante di emergenza (rosso) - <i>Emergency push button (red)</i>
SMOV 03	1/8"	2/2	Pulsante rialzato (nero / rosso / verde) - <i>Rised button (black / red / green)</i>
SMOV 04	1/8"	2/2	Rullino - <i>Roller</i>

SMSV			
			
SMSV 321 PB SMSV 322 PB SMSV 521 PB SMSV 522 PB	SMSV 321 PP SMSV 322 PP SMSV 521 PP SMSV 522 PP	SMSV 321 EB SMSV 322 EB SMSV 521 EB SMSV 522 EB	SMSV 321 PPL SMSV 322 PPL SMSV 521 PPL SMSV 522 PPL

COD	DIMENSIONI - SIZE	CARATTERISTICHE - FEATURES	VERSIONE - VERSION
SMSV 321 PB	1/8"	3/2	Fungo (nero / rosso / verde) - <i>Mushroom head botton (black / red / green)</i>
SMSV 322 PB	1/4"	3/2	Fungo (nero / rosso / verde) - <i>Mushroom head botton (black / red / green)</i>
SMSV 521 PB	1/8"	3/2	Fungo (nero / rosso / verde) - <i>Mushroom head botton (black / red / green)</i>
SMSV 522 PB	1/4"	3/2	Fungo (nero / rosso / verde) - <i>Mushroom head botton (black / red / green)</i>
SMSV 321 PP	1/8"	3/2	Pulsante a filo (nero / rosso / verde) - <i>Push button (black / red / green)</i>
SMSV 322 PP	1/4"	3/2	Pulsante a filo (nero / rosso / verde) - <i>Push button (black / red / green)</i>
SMSV 521 PP	1/8"	3/2	Pulsante a filo (nero / rosso / verde) - <i>Push button (black / red / green)</i>
SMSV 522 PP	1/4"	3/2	Pulsante a filo (nero / rosso / verde) - <i>Push button (black / red / green)</i>
SMSV 321 EB	1/8"	3/2	Pulsante di emergenza (rosso) - <i>Emergency push button (red)</i>
SMSV 322 EB	1/4"	3/2	Pulsante di emergenza (rosso) - <i>Emergency push button (red)</i>
SMSV 521 EB	1/8"	3/2	Pulsante di emergenza (rosso) - <i>Emergency push button (red)</i>
SMSV 522 EB	1/4"	3/2	Pulsante di emergenza (rosso) - <i>Emergency push button (red)</i>
SMSV 321 PPL	1/8"	3/2	Pulsante rialzato (nero / rosso / verde) - <i>Rised button (black / red / green)</i>
SMSV 322 PPL	1/4"	3/2	Pulsante rialzato (nero / rosso / verde) - <i>Rised button (black / red / green)</i>
SMSV 521 PPL	1/8"	3/2	Pulsante rialzato (nero / rosso / verde) - <i>Rised button (black / red / green)</i>
SMSV 522 PPL	1/4"	3/2	Pulsante rialzato (nero / rosso / verde) - <i>Rised button (black / red / green)</i>

SMSV


 SMSV 321
 SMSV 322
 SMSV 521
 SMSV 522

 SMSV 321 R
 SMSV 322 R
 SMSV 521 R
 SMSV 522 R

 SMSV 321 TB
 SMSV 322 TB
 SMSV 521 TB
 SMSV 522 TB

 SMSV 321 LB
 SMSV 322 LB
 SMSV 521 LB
 SMSV 522 LB

COD	DIMENSIONI - <i>SIZE</i>	CARATTERISTICHE - <i>FEATURES</i>	VERSIONE - <i>VERSION</i>
SMSV 321	1/8"	3/2	Puntalino - <i>Plunger</i>
SMSV 322	1/4"	3/2	Puntalino - <i>Plunger</i>
SMSV 521	1/8"	3/2	Puntalino - <i>Plunger</i>
SMSV 522	1/4"	3/2	Puntalino - <i>Plunger</i>
SMSV 321 R	1/8"	3/2	Rullino - <i>Roller</i>
SMSV 322R	1/4"	3/2	Rullino - <i>Roller</i>
SMSV 521R	1/8"	3/2	Rullino - <i>Roller</i>
SMSV 522 R	1/4"	3/2	Rullino - <i>Roller</i>
SMSV 321 TB	1/8"	3/2	Selettore (nero) - <i>Selector Knob (black)</i>
SMSV 322 TB	1/4"	3/2	Selettore (nero) - <i>Selector Knob (black)</i>
SMSV 521 TB	1/8"	3/2	Selettore (nero) - <i>Selector Knob (black)</i>
SMSV 522 TB	1/4"	3/2	Selettore (nero) - <i>Selector Knob (black)</i>
SMSV 321 LB	1/8"	3/2	Selettore lungo (nero) - <i>Long Selector Knob (black)</i>
SMSV 322 LB	1/4"	3/2	Selettore lungo (nero) - <i>Long Selector Knob (black)</i>
SMSV 521 LB	1/8"	3/2	Selettore lungo (nero) - <i>Long Selector Knob (black)</i>
SMSV 522 LB	1/4"	3/2	Selettore lungo (nero) - <i>Long Selector Knob (black)</i>

SERIE VP4F - VP4FM - VPFV - *VP4F - VP4FM - VPFV SERIES*



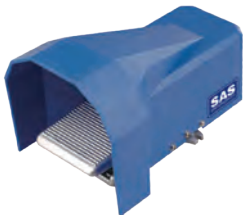
VP4F210-08



VP4F210-08-L



VP3F210-08



VP4F210-08-G



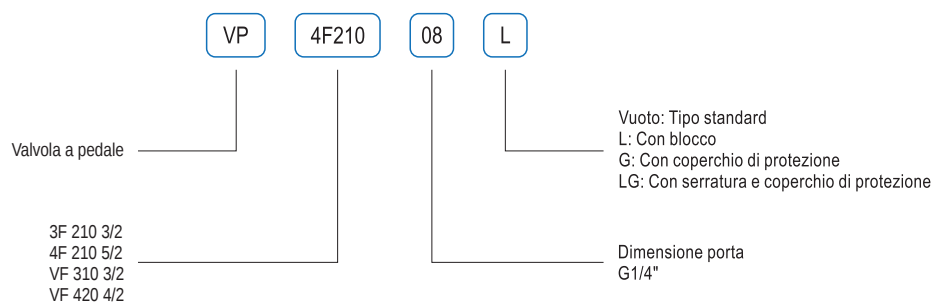
VPFV420-08



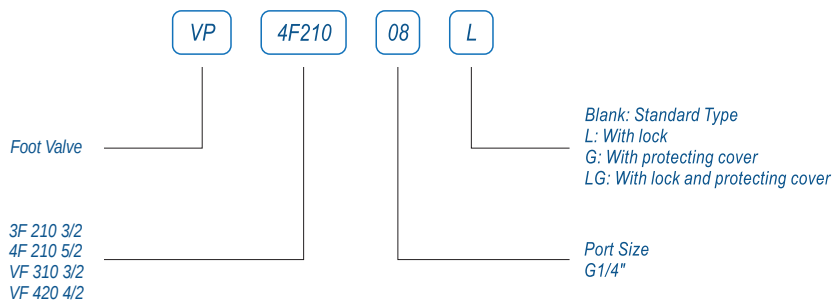
VPFV320-08

COD	VP4F210-08	VP4F210-08L	VP4F210-08G	VP4F210-08LG	VP3F210-08	VPFV420	VPFV320
Mezzo di lavoro <i>Working medium</i>	Aria filtrata a 40 micron - <i>40 Micron Filtered Air</i>						
Posizione e modalità NO. <i>Position and Way NO.</i>	5/2				3/2	4/2	3/2
Modello di movimento <i>Motion Pattern</i>	Tipo di trasmissione diretta - <i>Direct Drive Type</i>						
Dimensioni della porta <i>Port Size</i>	Ingresso aria = Uscita aria = Scarico = G 1/4" <i>Air Inlet = Air Outlet = Exhaust = G 1/4"</i>					Ingresso - <i>Inlet</i> = Aria - <i>Air</i> Uscita - <i>Outlet</i> = G 1/4" Scarico - <i>Exhaust</i> = G 1/8"	
Gamma di pressione del lavoro <i>Working Pressure Range</i>	0 ~ 0,8 Mpa						
Intervallo di temperatura di esercizio <i>Operatin Temperature Range</i>	0 ~ 60 °C						

COME ORDINARE

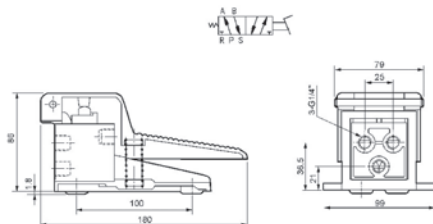


HOW TO ORDER

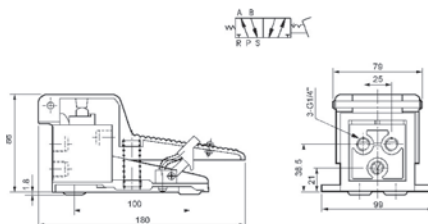


DIMENSIONI COMPLESSIVE - *OVERALL DIMENSIONS*

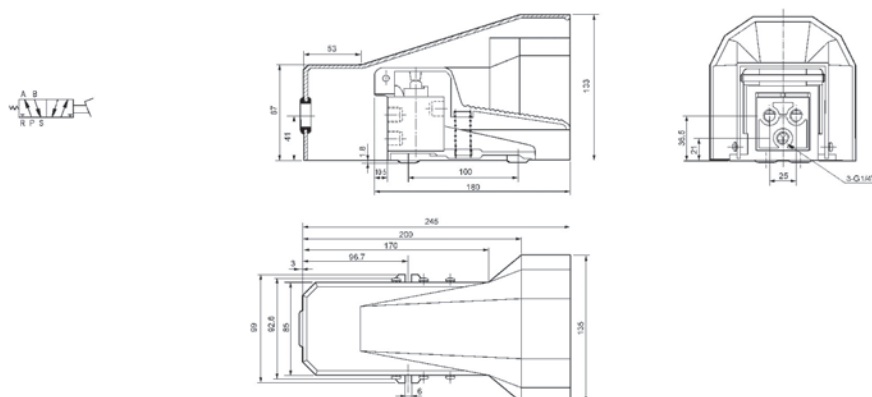
VP4F 210-08



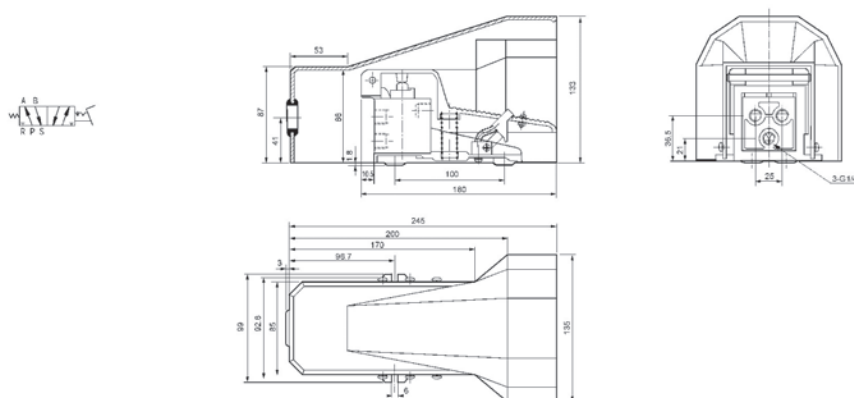
VP4F 210-08 L

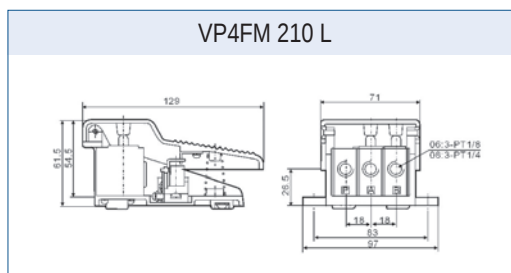
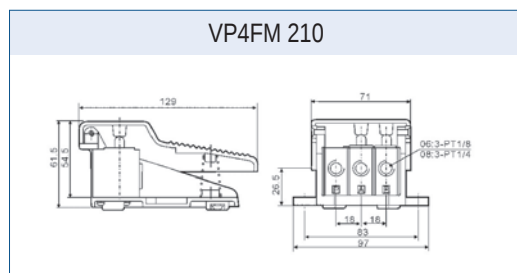
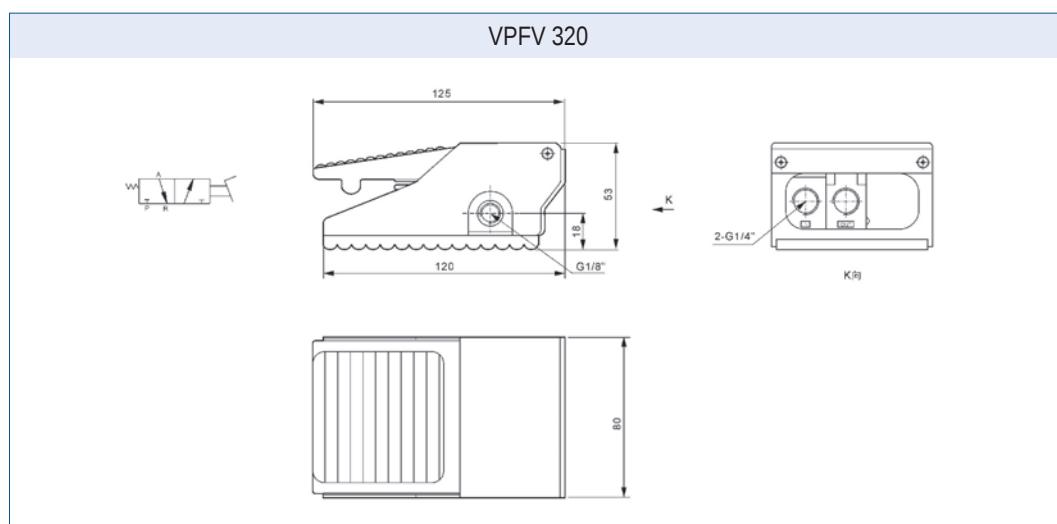
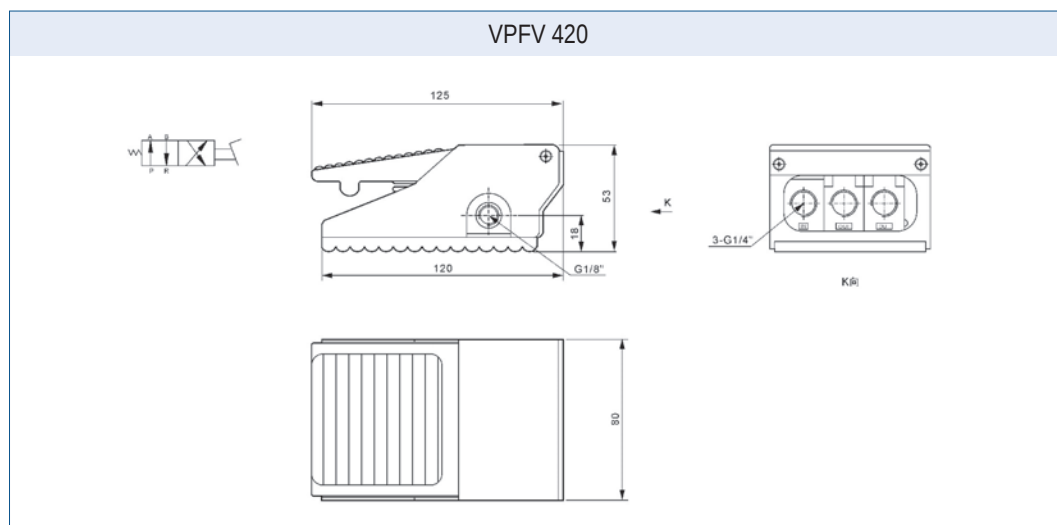


VP4F 210-08 G



VP4F 210-08 LG



DIMENSIONI COMPLESSIVE - *OVERALL DIMENSIONS*





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