

2^{OLEODINAMICA} 2mp

Componenti e sistemi per l'oleodinamica
Hydraulic components and systems

L'AZIENDA

Fondata agli inizi del 2000, OLEODINAMICA 2mp ha iniziato la propria attività come terzista per alcuni dei più affermati costruttori italiani di componenti oleodinamici.

Le competenze acquisite dalle partnership instaurate, unitamente alle precedenti esperienze professionali dei soci e dei collaboratori nel settore, hanno portato alla realizzazione di una gamma di produzione completa di blocchi e sistemi integrati.

Dal 2018 OLEODINAMICA 2mp entra a far parte del gruppo OLEODINAMICA MARCHESINI.

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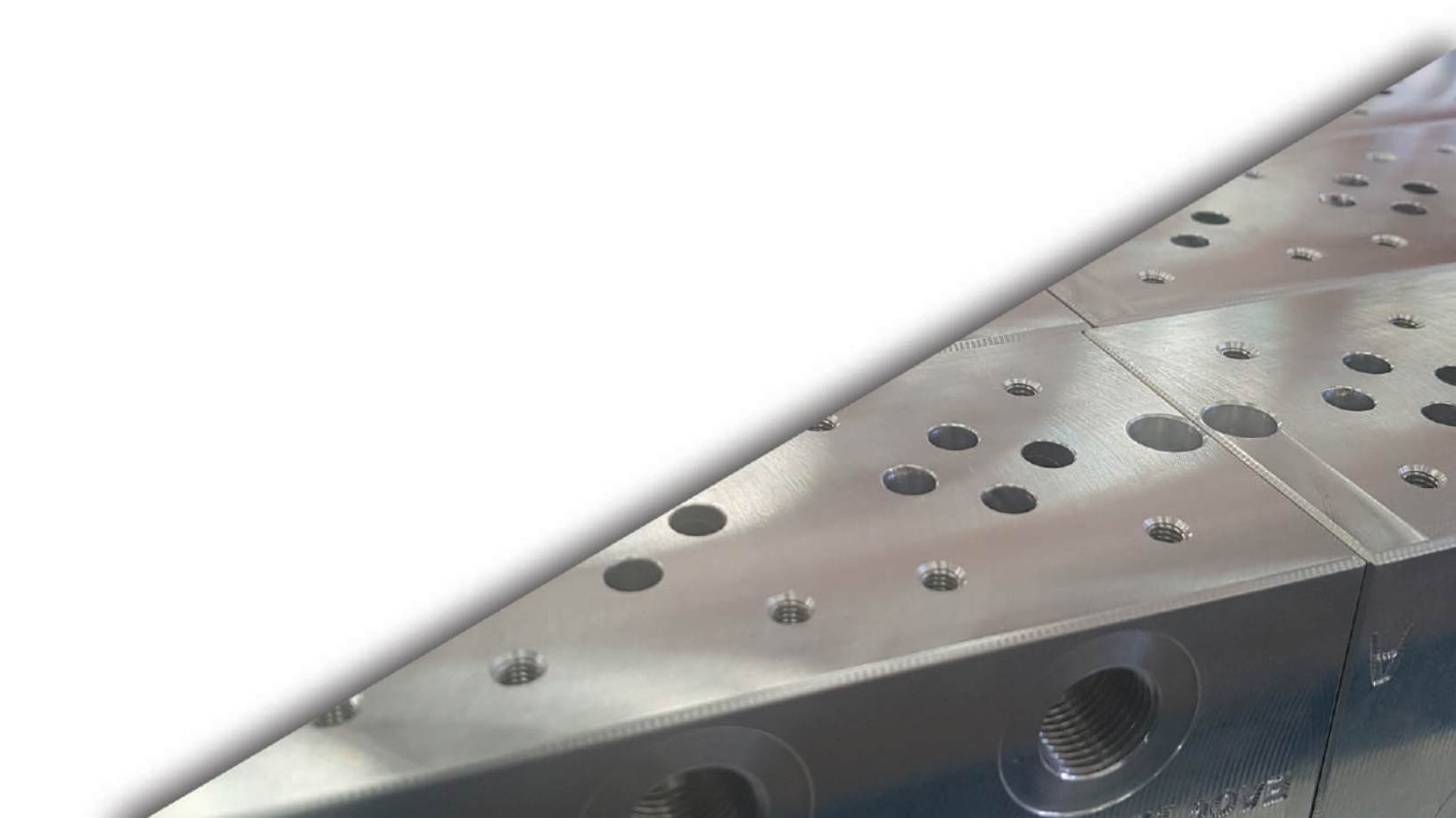
THE COMPANY



Founded in 2000, OLEODINAMICA 2mp started as a third party supplier to some of the best Italian hydraulic valve manufacturers.

The skills developed during these partnerships, together with the experience and abilities of the owners and staff, allowed the development of a comprehensive portfolio of hydraulic blocks and integrated circuits.

From 2018 OLEODINAMICA 2mp became part of OLEODINAMICA MARCHESINI.





COMPONENTI E SISTEMI PER L'OLEODINAMICA

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CONDIZIONI GENERALI OLEODINAMICA 2MP

1. INDICAZIONI GENERALI

Il presente catalogo illustra parte dei prodotti oleodinamici realizzati da Oleodinamica 2mp S.r.l. e mira a garantirne l'affidabilità, nel rispetto delle applicazioni, delle funzioni e delle prescrizioni in esso indicate e raccomandate.

A titolo puramente informativo, si riporta di seguito una descrizione generale delle caratteristiche tecnico-costruttive e funzionali, nonché delle regole operativo-commerciali utilizzate nella produzione e distribuzione dei nostri prodotti.

Informazioni più dettagliate riguardo le caratteristiche e l'impiego dei prodotti possono essere fornite a seguito di una richiesta specifica.

2. PRODOTTI A CATALOGO

✓ MATERIALI VALVOLE E COLLETTORI

Le valvole, i collettori e i blocchi per alte pressioni di esercizio e/o applicazioni gravose sono prodotti in acciaio di alta qualità al piombo, zincato con trattamento al cromo bianco trivalente (> 210 bar); mentre i collettori e i blocchi per medie pressioni (fino a 210 bar) sono in alluminio ad alta resistenza.

Su richiesta possono anche essere anodizzati in vari colori. Il corpo in acciaio è solitamente protetto mediante zincatura o fosfatazione al manganese. Alcuni prodotti possono talvolta essere forniti in ghisa di tipo GG40.

✓ VALVOLE A CARTUCCIA

Possono essere inserite direttamente sugli attuatori realizzando apposite cavità sugli stessi (per maggiori dettagli consultare la sezione "Cavity", capitolo 21).

✓ VALVOLE CON BLOCCHETTO DI COLLEGAMENTO

Possono essere montate in diverse soluzioni: in linea, flangiate, modulari o a fissaggio meccanico.

✓ GUARNIZIONI

Si distingue tra:

- **o-ring** generalmente realizzati in BUNA-N (Acrylo-Nitrile Butadiene o NBR, in accordo con ASTM) e compatibili con fluidi oleosi a base minerale, emulsioni di acqua in olio e acqua glicole. Queste tenute sono idonee a temperature comprese tra -30°/+100°C (-22°/+212°F);

- **anelli antiestrusione e pattini** realizzati in BUNA-N o in PTFE (Politetrafluoroetilene come Teflon, Lubriflon, Ecoflon o similari);

- tenute in FPM (Viton) disponibili su richiesta.

Si sottolinea che i materiali delle tenute sono compatibili con i fluidi normalmente utilizzati nei circuiti idraulici.

In caso di fluidi speciali, si prega di contattare l'ufficio tecnico 2mp, se si sospettano incompatibilità tra fluidi e tenute.

✓ FILETTI

I filetti G (ISO 228-1) sono standard sui componenti con corpi per connessioni in linea; inoltre, SAE (filetti dritti) NPT, JIS o filetti metrici possono essere prodotti su richiesta.

✓ SISTEMI DI ANTIMANOMISSIONE

A richiesta, molte valvole possono prevedere anche cappellotti antimanomissione.

3. PRODOTTI EXTRA-CATALOGO

Sono disponibili su richiesta.

4. RACCOMANDAZIONI DI UTILIZZO

4.1 OLI IDRAULICI

Si raccomanda l'utilizzo di oli a base minerale con proprietà fisico-chimiche adatte ad essere utilizzate in apparecchiature oleodinamiche, come ad esempio:

- oli a base minerale tipo HL (DIN 51524-parte 1)
- oli a base minerale tipo HLP (DIN 51524-parte 2)

A richiesta, si può valutare l'utilizzo di altri fluidi (es. fluidi non nocivi per l'ambiente).

4.1.1 VISCOSITÀ DEI FLUIDI

Il grado di viscosità è compreso nello standard ISO 3448-DIN 51519.

4.1.2 TEMPERATURA RACCOMANDATA DEI FLUIDI

Essendo le valvole generalmente equipaggiate con tenute in BUNA-N, le temperature dell'olio dovrebbero rimanere tra -30°/+100°C (-22°/+212°F).

4.1.3 REQUISITI DI FILTRAZIONE FLUIDI

La contaminazione dell'olio è tra le maggiori cause del malfunzionamento degli impianti oleodinamici o dei singoli componenti.

Per un corretto e più duraturo funzionamento delle valvole si consiglia di limitare il livello di contaminazione ai valori indicati nella tabella sotto riportata adottando appropriati metodi di filtrazione.

La classe di contaminazione è identificata secondo due scale:

-ISO 4406/99_espresa mediante tre numeri indicanti rispettivamente la maggior quantità di particelle più larghe di 4µm, 6µm e 14µm contenute in 1 ml di fluido;

-NAS 1638 espressa mediante un numero rappresentante la quantità di particelle di diverse dimensioni contenute in 100 ml di fluido.

Tipo di sistema Tipo di valvola	Filtrazione fluido raccomandata	
	ISO 4406:1999	NAS 1638
Sistemi/componenti operanti a ALTA PRESSIONE (>250 bar; 3600 psi) APPLICAZIONI A CICLI GRAVOSI Sistemi/componenti con BASSA TOLLERANZA ALLO SPORCO	18/16/13	7-8
Sistemi/componenti operanti a MEDIO-ALTA PRESSIONE Sistemi/componenti con MODERATA TOLLERANZA ALLO SPORCO	19/17/14	9
Sistemi/componenti operanti a BASSA PRESSIONE (<100 bar; 1500 psi) APPLICAZIONI A CICLI NON GRAVOSI Sistemi/componenti con BUONA TOLLERANZA ALLO SPORCO	20/18/15	10-11

4.2 PRESSIONE DI TARATURA

Generalmente le valvole sono tarate a un valore di pressione standard.

Qualora l'applicazione richieda una diversa taratura, è necessario assicurarsi che i limiti indicati nel campo di taratura e la pressione massima di esercizio non siano mai superati.

4.3 PROTEZIONI ANTIMANOMISSIONE PER TARATURE

Per ognuna delle nostre valvole, sono disponibili appositi cappellotti antimanomissione con possibilità di taratura.

Inoltre, su richiesta, le valvole possono essere fornite sigillate.

4.4 INSTALLAZIONE CARTUCCE

Si riporta di seguito la procedura che si raccomanda di seguire per l'installazione delle cartucce:

- verificare lo stato di pulizia e l'assenza di rigature o ammaccature sulle superfici delle cartucce e su quelle all'interno delle cavità;
- controllare l'integrità degli o-ring e degli anelli antiestrusione e verificare che siano installati correttamente;
- lubrificare esternamente la cartuccia con olio pulito;
- inserire la cartuccia manualmente e avvitarla fino a quando si percepisce la resistenza degli anelli di tenuta;
- con chiave dinamometrica, serrare la cartuccia fino al raggiungimento della coppia di serraggio indicata nel catalogo;
- dopo circa un giorno di attività, verificare e, se necessario, ripristinare sia la coppia di serraggio che la taratura.

4.5 IMMAGAZZINAMENTO PRODOTTI

I componenti oleodinamici dovrebbero essere conservati a una temperatura ambiente compresa tra -20°/+50°C, protetti nel loro involucro o sistema antipolvere originale e al riparo dai raggi solari e da fonti di calore o di ozono (in particolare motori elettrici in funzione).

5. INFORMAZIONI TECNICHE

5.1 TRAFILAMENTI INTERNI

Sono indicati nelle schede tecniche delle singole valvole.

5.2 DIAGRAMMI E SPECIFICHE

Le curve caratteristiche, i valori e le specifiche riportate nel presente catalogo derivano da prove effettuate con olio a base minerale avente viscosità cinematica e temperatura descritte nelle singole pagine tecniche e avente grado di pulizia conforme alla ISO 4406:99 19/17/14.

6. PRESCRIZIONI D'USO

L'Oleodinamica 2mp S.r.l. non risponde di alcun danno a persone o cose imputabile ai propri prodotti per utilizzi e prestazioni diversi da quelli indicati e raccomandati sul presente catalogo.

I nostri prodotti vengono sottoposti a collaudi funzionali conformi alle specifiche indicate nella relativa documentazione tecnica. Tuttavia, prima dell'uso, i prodotti devono essere preventivamente ricollaudati dal costruttore dell'impianto alle condizioni limite di funzionamento, in quanto queste ultime non possono essere riprodotte integralmente nei nostri laboratori di prova.

Le valvole presenti a catalogo sono destinate ad essere installate in macchine a cui si applica la Direttiva CEE 98/37/CE (Direttiva Macchine) e successivi emendamenti. Pertanto, è severamente vietato utilizzare le valvole su macchine non conformi.



HYDRAULIC COMPONENTS AND SYSTEMS

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GENERAL CONDITIONS OLEODINAMICA 2MP

1. INTRODUCTION

This catalogue shows some of the hydraulic products realized by Oleodinamica 2mp S.r.l. and aims to guarantee their reliability, in compliance with the applications, the functions and the prescriptions indicated and recommended in it.

For information, you can find here below a general description of the technical-constructive and functional features, as well as of the operative and trading rules applied in the production and distribution of our products.

More detailed information regarding the features and use of our products can be provided on demand.

2. PRODUCTS IN THE CATALOGUE

✓ MATERIALS

Valves, housing and blocks for high pressures (> 210 bar) and/or heavy-duty applications are made of high quality lead steel, galvanized with white trivalent chrome treatment; while housing and blocks for medium pressures (up to 210 bar) are made of high-strength aluminium.

On demand, they can also be anodized in different colours.

The steel body is usually protected by zing plating or manganese phosphating. Someone products may be sometimes realized in cast iron type GG40.

✓ CARTRIDGE VALVES

They can be put directly on the actuators, by making appropriate cavities on them (for details see the section "Cavity", chapter 21).

✓ VALVES WITH CONNECTION HOUSING

They can be installed in different solutions: on line, flanged, modular or by mechanical fixing.

✓ SEALS

We can distinguish among:

- **o-ring**, generally made of BUNA-N (Acrylo-Nitrile Butadiene o NBR, in compliance with ASTM) and compatible with mineral oil fluids, emulsions of water in oil and water glycol. These seals are suitable for temperatures between -30° and +100°C (-22°/+212°F);

- **anti-extrusion rings**, made of BUNA-N or PTFE (Politetrafluoroetilene like Teflon, Lubriflon, Ecoflon or similar);

- seals in FPM (Viton), available on demand.

We underline that the materials of seals are compatible with fluids usually used in the hydraulic systems.

For special fluids, we kindly ask you to contact our technical department, if you suspect possible incompatibilities between fluids and seals.

✓ THREADS

G threads (ISO 228-1) are standard on the products with bodies for on line connections; SAE (straight thread) NPT, JIS or metric threads can be produced on demand.

✓ TAMPERPROOF SYSTEM

On demand, many valves can be supplied with tamperproof caps.

3. EXTRA CATALOGUE PRODUCTS

They are available on demand.

4. RACCOMANDATIONS OF USE

4.1 HYDRAULIC OILS

We recommend to use mineral oils with physico-chemical features suitable for the application in hydraulic systems, like:

- **mineral oils type HL (DIN 51524-part 1)**
- **mineral oils type HLP (DIN 51524-part 2)**

On demand, we can also evaluate the use of other fluids (like, for example, fluids that aren't harmful for the environment).

4.1.1 FLUIDS VISCOSITY

The level of viscosity is included in the ISO 3448-DIN 51519 standard.

4.1.2 RECOMMENDED WORKING TEMPERATURE

Being the valves generally equipped with seals of BUNA-N, the oil temperatures should be between -30° and +100°C (-22°/+212° F).

4.1.3 FLUIDS FILTRATION REQUIREMENTS

The oil contamination is among the main causes of the hydraulic systems disease.

For a correct and more long-lasting working of valves, we suggest to contain the level of oil contamination among the values showed in the table here below, by using appropriate filtration methods.

The contamination class is identified through two scales:

-ISO 4406/99_which is expressed through three numbers indicating respectively the bigger quantity of particle larger than 4µm, 6µm e 14µm contained in 1 ml of fluid;

-NAS 1638_ which is expressed by one number indicating the quantity of particles of different dimensions contained in 100 ml of fluid.

System type Valve type	Recommended fluids filtration	
	ISO 4406:1999	NAS 1638
Systems working at HIGH PRESSURE (>250 bar; 3600 psi) HEAVY-DUTY CYCLES APPLICATIONS Systems with LOW TOLERANCE TO FILTH	18/16/13	7-8
Systems working at MEDIUM-HIGH PRESSURE Systems with MEDIUM TOLERANCE TO FILTH	19/17/14	9
Systems working at LOW PRESSURE (<100 bar; 1500 psi) Systems with HIGH TOLERANCE TO FILTH	20/18/15	10-11

4.2 PRESSURE SETTING

Valves are usually calibrated at a standard pressure value.

If a different calibration is required, the limits indicated in the calibration field and the maximum working pressure can't be exceeded.

4.3 TAMPERPROOF PROTECTIONS FOR CALIBRATIONS

For each valve are available tamperproof caps with the possibility of calibration.

Moreover, on demand, we can provide plumbed valves.

4.4 CARTRIDGES INSTALLATION

Here below you can find the procedure that we recommend to follow in order to install the cartridges:

- verify that the surfaces of cartridges and cavities are clean and without visible defects;
- verify that o-rings and antiextrusion rings are integral and correctly installed;
- lubricate the cartridge externally with clean oil;
- insert the cartridge by hand and screw it until you perceive the resistance of seals;
- with dynamometric key, lock the cartridge until you reach the attainment of the installation torque indicated in the catalogue;
- after about 1 day of activity, verify and restore, if necessary, the installation torque and the setting.

4.5 PRODUCTS STORAGE

The hydraulic products should be stored at a temperature between -20° and +50°C, protected in their original wrap or antipowder system and protected from solar beams and from sources of heat or ozone (in particular from electric motors in function).

5. TECHNICAL INFORMATION

5.1 INNER LEAKAGE

It is indicated in the technical data sheet of each valve.

5.2 DIAGRAMS AND FEATURES

Characteristic curves, values and features indicated in this catalogue are the result of tests made with mineral oil with viscosity and temperature described in the single technical data sheets and with cleaning degree in compliance with ISO 4406:99 19/17/14.

6. USE PRESCRIPTIONS

Oleodinamica 2mp S.r.l. is not responsible for damages to people or objects due to its products for uses different from those indicated and recommend in this catalogue.

Our products are subjected to working tests in accordance with the specifications indicated in the relative technical documentation.

However, before the use, the products have to be preventively retested from the constructor of the system to the most onerous working conditions, as the latter can't be completely reproduced in our test benches.

The illustrated valves should be installed in machines at which is applied the regulation 89/392 EEC and the subsequent corrigenda. So, it is absolutely prohibited to use these valves in machines that aren't in compliance with the mentioned regulation.

CONDIZIONI GENERALI DI VENDITA ASSOFLUID

1 - OGGETTO E AMBITO DI APPLICAZIONE DELLE PRESENTI CONDIZIONI GENERALI

1.1 - Le presenti condizioni generali disciplinano tutti gli attuali e futuri rapporti contrattuali tra le parti relativi alla fornitura di componenti, attrezzature, impianti oleoidraulici e pneumatici. Esse devono essere coordinate con le condizioni speciali eventualmente concordate per iscritto dalle parti o inserite nella conferma scritta del Fornitore di accettazione dell'ordine.

1.2 - A meno che non siano state specificamente approvate per iscritto dal Fornitore dovranno, invece, ritenersi prive di effetto le condizioni generali o speciali difformi riportate o richiamate dal Cliente nelle sue comunicazioni al Fornitore.

2 - FORMAZIONE DEL CONTRATTO

2.1 - Il contratto di fornitura si perfeziona con la conferma scritta del Fornitore di accettazione dell'ordine.

2.2 - Tuttavia se le condizioni indicate nell'ordine del Cliente differiscono da quelle della conferma scritta del Fornitore, queste ultime valgono come nuova proposta ed il contratto si intende perfezionato nel momento in cui il Cliente inizia a darvi esecuzione o accetta i prodotti senza espressa riserva scritta.

2.3 - Eventuali offerte del Fornitore si considerano valide limitatamente al periodo di tempo indicato sulle medesime ed esclusivamente per l'integrale fornitura di quanto nelle stesse quotato.

3 - DATI TECNICI, DISEGNI, DOCUMENTI INERENTI LA FORNITURA

3.1 - I dati e le illustrazioni risultanti dai cataloghi, prospetti, circolari o altri documenti illustrativi del Fornitore hanno carattere indicativo. Questi dati non hanno valore impegnativo se non espressamente menzionati come tali nella conferma d'ordine del Fornitore.

3.2 - Il Fornitore si riserva la facoltà di apportare in qualunque momento ai propri prodotti le modifiche che ritenesse convenienti, dandone notizia al Cliente se interessano l'installazione.

3.3 - Qualora il Cliente proponesse delle modifiche ai prodotti, affinché le medesime divengano di obbligatoria esecuzione, dovrà esistere pieno accordo scritto tra le parti sulle variazioni che tali modifiche dovessero occasionare sui prezzi e sui periodi di consegna precedentemente stabiliti. I prezzi potranno inoltre subire variazioni qualora le quantità ordinate vengano ridotte o venga richiesta una consegna più sollecita rispetto a quanto già concordato.

3.4 - Il Cliente s'impegna espressamente a non far uso, per ragioni diverse da quelle previste nel contratto di fornitura, dei disegni, delle informazioni tecniche e dei ritrovati relativi alla fornitura, che restano di proprietà del Fornitore e che il Cliente non può consegnare a terzi né riprodurre senza autorizzazione scritta.

3.5 - Il Cliente è tenuto ad informare il Fornitore, in fase precontrattuale, dell'esistenza di eventuali normative particolari da rispettare nel Paese di destinazione finale della merce da fornire.

4 - ESCLUSIONI

4.1 - Salvo diverso accordo scritto, non sono compresi nella fornitura il progetto del sistema, l'installazione delle apparecchiature fornite, specifici collaudi, manuali e corsi di addestramento, assistenza all'avviamento e tutte le prestazioni e gli oneri non menzionati nella conferma scritta del Fornitore di accettazione dell'ordine.

4.2 - Analogamente i costi di imballaggio, le imposte, i bolli, le spese doganali, i dazi ed ogni altro onere aggiuntivo non sono compresi nei prezzi se non risulta altrimenti dalla conferma scritta del Fornitore di accettazione dell'ordine.

5 - CONSEGNE

5.1 - Salvo patto contrario le forniture si intendono per merce resa Franco Fabbrica, senza imballaggio.

5.2 - Con la rimessione dei materiali al Cliente o al vettore il Fornitore si libera dell'obbligo di consegna e tutti i rischi sui materiali stessi passano al Cliente anche nel caso in cui il Fornitore sia incaricato della spedizione o del montaggio in opera.

5.3 - I termini di consegna hanno carattere indicativo e si computano a giorni lavorativi.

5.4 - Se non diversamente pattuito dalle parti, essi iniziano a decorrere dal momento della conclusione del contratto, a meno che il Cliente non debba corrispondere parte del prezzo a titolo di acconto, perché allora la decorrenza dei termini è sospesa fintantoché non vi abbia provveduto.

5.5 - I termini di consegna si intendono prolungati di diritto:
1) qualora il Cliente non fornisca in tempo utile i dati o i materiali necessari alla fornitura o richieda delle varianti in corso di esecuzione o, ancora, ritardi nel rispondere alla richiesta di approvazione dei disegni o degli schemi esecutivi;
2) qualora cause indipendenti dalla buona volontà e diligenza del Fornitore, ivi compresi ritardi di subfornitori, impediscano o rendano eccessivamente onerosa la consegna nei termini stabiliti.

5.6 - Nel caso in cui il Cliente non sia in regola con i pagamenti relativi ad altre forniture la decorrenza dei termini è sospesa ed il Fornitore può ritardare le consegne fintantoché il Cliente non abbia corrisposto le somme dovute.

5.7 - I termini di consegna si intendono stabiliti a favore del Fornitore; pertanto il Cliente non potrà rifiutare di prendere in consegna i prodotti prima della data stabilita.

5.8 - Salvo quanto previsto nel successivo art. 11, nel caso di mancata presa in consegna dei prodotti da parte del Cliente per fatto a lui imputabile o, comunque, per causa indipendente dalla volontà del Fornitore, il Cliente sopporterà i rischi e le spese per la loro custodia.

5.9 - Qualora le parti abbiano pattuito che, in caso di ritardata consegna, il Fornitore sia tenuto a pagare una somma a titolo di penale, il Cliente non potrà chiedere somme superiori alla penale come risarcimento per i danni patiti a causa del ritardo.

6 - COLLAUDI E MONTAGGI

6.1 - Collaudi speciali, eventualmente previsti nella conferma scritta di accettazione d'ordine, verranno eseguiti a spese del Cliente nello stabilimento indicato dal Fornitore.

6.2 - Montaggio e collaudo in opera, se richiesti, verranno eseguiti dal Fornitore a spese del Cliente.

7 - PAGAMENTI

7.1 - Salvo diverso accordo, i pagamenti devono essere effettuati dal Cliente entro i termini previsti nella conferma scritta di accettazione d'ordine presso il domicilio del Fornitore o presso l'Istituto di credito da lui indicato: in caso di ritardo il Cliente sarà tenuto al pagamento degli interessi moratori, salva in ogni caso la facoltà per il Fornitore di chiedere il risarcimento del maggior danno subito e la risoluzione del contratto ai sensi del successivo art. 11.

7.2 - Eventuali contestazioni che dovessero insorgere tra le parti non dispensano il Cliente dall'obbligo di osservare le condizioni e i termini di pagamento.

8 - GARANZIA

8.1 - Il Fornitore garantisce la conformità di prodotti forniti, intendendosi cioè che i prodotti sono privi di difetti nei materiali e/o lavorazioni e che sono conformi a quanto stabilito da specifico contratto accettato dalle parti.

8.2 - La durata della garanzia è di dodici mesi che decorrono dalla consegna dei prodotti e, per i prodotti o componenti sostituiti, dal giorno della loro sostituzione.

8.3 - Entro tale periodo il Fornitore al quale il Cliente, non più tardi di otto giorni dalla consegna per i difetti palesi ed otto giorni dalla scoperta per quelli occulti, abbia denunciato per iscritto l'esistenza dei difetti si impegna, a sua scelta - entro un termine ragionevole avuto riguardo all'entità della contestazione - a riparare o sostituire gratuitamente i prodotti o le parti di essi che fossero risultati difettosi. Il reso di merce non conforme dovrà essere sempre autorizzato dal Fornitore per iscritto e dovrà rispettare l'imballo originale.

8.4 - Le sostituzioni o le riparazioni vengono di regola effettuate Franco Fabbrica: le spese ed i rischi per il trasporto dei prodotti difettosi sono a carico del Cliente. Tuttavia qualora il Fornitore, d'accordo con il Cliente, ritenesse più opportuno svolgere i lavori necessari alla sostituzione o riparazione presso il Cliente, quest'ultimo sosterrà le spese di viaggio e soggiorno del personale tecnico messo a disposizione dal Fornitore e fornirà tutti i mezzi ed il personale ausiliario richiesti per eseguire l'intervento nel modo più rapido e sicuro.

8.5 - La garanzia decade ogniqualvolta i prodotti siano stati montati o utilizzati non correttamente oppure abbiano ricevuto una manutenzione insufficiente o siano stati modificati o riparati senza l'autorizzazione del Fornitore. Il Fornitore non risponde inoltre dei difetti di conformità dei prodotti dovuti all'usura normale di quelle parti che, per loro natura, sono soggette ad usura rapida e continua.

9 - RESPONSABILITÀ DEL FORNITORE

9.1 - Il Fornitore è esclusivamente responsabile del buon funzionamento di componenti, attrezzature, impianti oleoidraulici e pneumatici forniti in rapporto alle caratteristiche e prestazioni da lui espressamente indicate. Egli non si assume, invece, alcuna responsabilità per l'eventuale difettoso funzionamento di macchine o sistemi realizzati dal Cliente o da terzi con componenti idraulici o pneumatici del Fornitore anche se le singole apparecchiature idrauliche o pneumatiche sono state montate o collegate secondo schemi o disegni suggeriti dal Fornitore, a meno che tali schemi o disegni non siano stati oggetto di distinta remunerazione, nel qual caso la

responsabilità del Fornitore sarà comunque circoscritta a quanto compreso nei suddetti disegni o schemi.

9.2 - In ogni caso, al di fuori delle ipotesi tassative ed inderogabili previste dall'ordinamento vigente in tema di responsabilità del fornitore, e salvo quanto previsto dall'art. 1229 cod. civile, il Cliente non potrà chiedere il risarcimento di danni diretti e indiretti, mancati profitti o perdite di produzione, né potrà pretendere a titolo di risarcimento somme superiori al valore della merce fornita.

10 - RISERVA DI PROPRIETÀ

10.1 - Il Fornitore conserva la proprietà dei prodotti forniti fino al totale pagamento del prezzo pattuito.

11 - CLAUSOLA RISOLUTIVA ESPRESSA E CONDIZIONE RISOLUTIVA

11.1 - Il contratto di fornitura sarà risolto di diritto ai sensi dell'art. 1456 c.c. per effetto della semplice dichiarazione scritta del Fornitore di volersi avvalere della presente clausola risolutiva espressa, qualora il Cliente:

- 1) ometta o ritardi i pagamenti dovuti;
- 2) ritardi o manchi di prendere in consegna i prodotti nei termini previsti dal precedente art. 5;
- 3) non osservi gli obblighi di riservatezza previsti dall'art. 3.4.

11.2 - Il contratto si intenderà risolto di diritto nel caso in cui il Cliente venga posto in liquidazione o sia stato assoggettato ad una qualsiasi procedura concorsuale.

12 - RECESSO CONVENZIONALE

12.1 - Nel caso in cui il Cliente diminuisca le garanzie che aveva dato o non fornisca le garanzie che aveva promesso, il Fornitore avrà facoltà di recedere dal contratto.

13 - LEGGE APPLICABILE

13.1 - Tutti i contratti di fornitura con l'estero disciplinati dalle presenti condizioni generali sono regolati dalla legge italiana.

14 - FORO COMPETENTE

14.1 - Per qualsiasi controversia inerente all'esecuzione, interpretazione, validità, risoluzione, cessazione di contratti di fornitura intervenuti tra le parti ove l'azione sia promossa dal Cliente è esclusivamente competente il Foro del Fornitore, ove invece l'azione sia promossa dal Fornitore è competente oltre al Foro del Fornitore medesimo ogni altro Foro stabilito per legge.

(Solo per Italia)

Ai sensi e per gli effetti degli articoli 1341 e seguenti del Codice Civile, si approvano espressamente le seguenti clausole: 5 - Consegne; 7 - Pagamenti; 8 - Garanzia; 9 - Responsabilità del Fornitore; 11 - Clausola risolutiva espressa e condizione risolutiva; 12 - Recesso convenzionale; 14 - Foro competente.



assofluid

ASSOCIAZIONE ITALIANA DEI COSTRUTTORI ED OPERATORI DEL SETTORE OLEIDRAULICO E PNEUMATICO

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Partita IVA 05094640157

ASSOFLUID STANDARD CONDITIONS FOR SUPPLY OF HYDRAULIC AND PNEUMATIC EQUIPMENT

1 – SUBJECT AND SCOPE OF APPLICATION OF THESE STANDARD CONDITIONS

1.1 – These standard conditions shall govern all present and future contractual and pre-contractual relations between parties concerning the supply of hydraulic and pneumatic components, equipment and systems. They shall be coordinated with any special conditions agreed in writing by the parties or inserted in the Supplier's written confirmation of acceptance of order.

1.2 - Unless specifically approved in writing by the supplier, deviant general or special conditions included or referred to by the Customer in his communications to the Supplier shall however be deemed null and void.

2 – FORMATION OF CONTRACT

2.1 – The supply contract comes into force upon written confirmation of acceptance of order by the Supplier.

2.2 – However, if the conditions indicated in the Customer's order differ from those in the Supplier's written confirmation, the latter shall count as a new proposal and the contract shall be deemed completed at the moment in which the Customer starts to execute it or accepts the products supplied without express written reservation.

2.3 – Every further Supplier's offer shall be deemed valid only within the period of time it itself states and exclusively for the complete supply the offer rates.

3 – TECHNICAL DATA, DRAWINGS AND DOCUMENTS PERTAINING TO THE SUPPLIES

3.1 – The data and illustrations resulting from the catalogues, brochures, circulars or other illustrative documents from the Supplier shall be of an indicative nature. This data shall have no commitment value unless expressly mentioned as such in the confirmation of order.

3.2 – The Supplier reserves the right to make any modifications to his own products at any moment as he deems appropriate, giving notice to the Customer if they affect the installation.

3.3 – If the Customer proposes modifications so that it becomes compulsory to implement them, there shall be full written agreement between the parties on the variations which such modifications may cause to prices and delivery periods previously established. Moreover, the prices could vary in case the ordered quantities should be reduced or the Customer should ask for a more prompt delivery.

3.4 – The Customer shall expressly undertake not to use, for purposes other than those envisaged in the supply contract, the drawings, technical information and discoveries relating to the supply which shall remain the Supplier's property and which the Customer shall not be able to deliver to third parties nor reproduce without written permission.

3.5 – Should there be any particular normative law to respect in the Country of destination of the Supply, the Customer is bound to inform the Supplier before the stipulation of the contract.

4 – EXCLUSIONS

4.1 – Unless otherwise agreed in writing, the plan of the system, the installation of equipment supplied, special testing, manuals and trading courses, assistance with start-up and all services and costs not mentioned in the Supplier's written confirmation of acceptance of the order shall not be included in the supply.

4.2 – Likewise the costs of packing, taxes, stamp duties, customs expenses, duties and any other extra expenses shall not be included in the prices unless otherwise stated in the Supplier's written confirmation of acceptance of order.

5 – DELIVERY

5.1 – Unless there is agreement to the contrary, the supplies shall be deemed to be goods supplied ex works, without packing.

5.2 – With handover of the equipment to the Customer or carrier the Supplier shall be released from the obligation to deliver and all risks on the equipment itself shall pass to the Customer even in the event where the Supplier is responsible for the despatch or assembly for working.

5.3 – The delivery deadlines shall be regarded as an indication and shall be reckoned in working days.

5.4 – Unless otherwise agreed by the parties, the deadlines shall start to run from the moment of conclusion of the contract, unless the Customer has to meet part of the price on an account basis because then the elapse of the deadlines shall be suspended until he has paid this.

5.5 - It shall be understood that the delivery deadlines are automatically extended:

- 1) if the Customer does not supply in reasonable time the data or equipment necessary to the supply or requests changes during execution or, even, delays in meeting the request for approval of the drawings or working diagrams;
- 2) if causes independent of the goodwill and diligence of the Supplier, including delays of sub-contractors, impede or render excessively difficult delivery in the terms established.

5.6 – In the event the Customer is not in order with payments relating to other supplies, the elapse of the deadlines shall be suspended and the Supplier may delay delivery until the Customer has paid the sums due.

5.7 – It shall be understood that the delivery deadlines are set to favour the Supplier; the Customer may not therefore refuse to take delivery of products before the date set.

5.8 – Unless prescribed under Art. 11 below, in the event of failure to take delivery of products by the Customer for reasons for which is he is to blame or, in any case, for a reason independent of the Supplier's goodwill, the Customer shall bear the risks and expenses for their safe keeping.

5.9 – If the parties have agreed that, in the event of delayed delivery, the Supplier is obliged to pay a sum as a penalty, the Customer may not ask for sums in excess of the penalty as compensation for damages suffered because of the delay.

6 – TESTING AND ASSEMBLY WORK

6.1 – Special testing which may be provided in the written confirmation of acceptance of order shall be carried out at the Customer's expense on the premises indicated by the Supplier.

6.2 – Assembly and working testing, if requested, shall be carried out by the Supplier at the Customer's expense as.

7 – PAYMENTS

7.1 – Unless otherwise agreed, payments shall be made by the Customer within the terms provided in the written confirmation of acceptance of order at the Supplier's domicile or with the Bank indicated by him: in the event of delay, the Customer shall be bound to pay interest on arrears, in any case reserving to the Supplier the option to request compensation for greater damage suffered and termination of the contract as per Art. 11 below.

7.2 – Any disputes which may arise between the parties shall not release the Customer from the obligation of observing the payment terms and conditions.

8 – GUARANTEE

8.1 – The Supplier shall guarantee conformity of the products supplied, which shall mean that they are without defects in their materials and/or processing and that they correspond to the provisions of the specific contract agreed to by both parties.

8.2 – The duration of the guarantee shall be twelve months counting from the delivery of the products and, for substituted products or components, from the day of their substitution.

8.3 – Within this period the Supplier to whom the Customer has reported in writing the existence of evident defects no later than eight days from their delivery and the existence of hidden defects no later than eight days from their discovery shall undertake, at his choice, to repair or substitute free the products or parts thereof which have proved to be defective. The return of not conforming goods shall be always authorized in writing by the Supplier and shall have to keep the original packaging.

8.4 – The substitutions or repairs shall as a rule be carried out ex-works: the costs and risks for transport of faulty products shall be at the Customer's expense. However, if the Supplier, in agreement with the Customer, deems it more appropriate to carry out the necessary work for substitution or repair on the Customer's premises, the latter shall bear the travelling and accommodation expenses of the technical staff made available by the Supplier and shall supply all means and auxiliary staff requested for carrying out the operation in the quickest and safest way.

8.5 – The guarantee shall cease whenever products have not been correctly assembled or used, or have received insufficient maintenance or have been modified or repaired without the Supplier's permission. Moreover, the Supplier shall not be held responsible for the conformity defects of the products caused by the ordinary wear of those parts which are normally subject to continuous and rapid wear.

9 – LIABILITY OF THE SUPPLIER

9.1 – The Supplier shall be solely responsible for the good operation of the hydraulic and pneumatic equipment supplied as regards features and performances expressly indicated by himself. He shall not, however, assume any liability for any faulty operation of machines or systems made by the Customer or third parties with hydraulic and pneumatic components from the Supplier even if the individual hydraulic and pneumatic equipment have been assembled or connected

according to diagrams or drawings proposed by the Supplier, unless such diagrams and drawings have been the subject of separate remuneration, in which case the liability of the Supplier shall in any case be limited to what is contained in the above/mentioned drawings or diagrams.

9.2 – In any case, outside the strict and imperative cases provided by current legislation regarding the liability of the Supplier, and except what provided by the art. 1229 of the Italian Civil Code, the Customer shall not be able to request compensation for direct and indirect damage, loss of profits or production, nor shall he be able to claim entitlement to compensation of sums in excess of the value of the equipment supplied.

10 – RESERVATION OF OWNERSHIP

10.1 – The Supplier shall retain ownership of the products supplied until full payment of the price agreed.

11 – TERMINATION CLAUSE AND RESOLUTORY CONDITION

11.1 – The contract for supply shall be terminated automatically, according to art. 1456 of the Italian Civil Code, through simple written declaration by the Supplier that he wishes to avail himself of this express termination clause if the Customer:

- 1) omits or delays payments due;
- 2) delays or fails to take delivery of the products in the times provided under art. 5 above;
- 3) does not fulfil the obligations of confidentiality provided under art. 3.4.

11.2 – The contract shall be deemed terminated automatically if the Customer is put into liquidation or is subject to any bankruptcy proceedings.

12 – WITHDRAWAL BY AGREEMENT

12.1 – If the Customer reduces the guarantees he had given or does not provide the guarantees he had promised, the Supplier shall have the option of withdrawn from the contract.

13 – LAW APPLICABLE

13.1 – Every supply contract entered into among the parties, even with foreign countries, shall be regulated by these standard conditions and governed by the Italian law.

14 – COMPETENT COURT

14.1 – For any dispute pertaining to the execution, interpretation, validity, termination or cessation contracts entered into between the parties, if the action is brought by the Customer, the Supplier's Court exclusively shall be competent; if, however, the action is brought by the Supplier, as well as the Court of the Supplier himself, any other Court established by law shall be competent.

MONOBLOCCHI CETOP - CETOP MONOBLOCKS

NG6 (CETOP 3)

CHAP.1

MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_06 - 12 - 38	MONOBLOCCO MONOBLOCK	LATERALI ON SIDE 3/8G	PASSANTI CROSSING 1/2G	///	///	ALUMINIUM STEEL	1.1
	E_06 - 19 - 38	MONOBLOCCO MONOBLOCK SERIE/SERIES	LATERALI ON SIDE 3/8G	PASSANTI CROSSING 1/2G	C008 DRV-M20-02	C007 SVCP-S08-TS2	ALUMINIUM STEEL	1.2
	E_06 - 21 - 38	MONOBLOCCO MONOBLOCK	LATERALI ON SIDE 3/8G	PASSANTI CROSSING 1/2G	C008 DRV-M20-02	C007 SVCP-S08-TS2	ALUMINIUM STEEL	1.3
	E_06 - 13 - 38	MONOBLOCCO MONOBLOCK	POSTERIORI REAR 3/8G	PASSANTI CROSSING 1/2G	C008 DRV-M20-02	C007 SVCP-S08-TS2	ALUMINIUM STEEL	1.4
	E_06 - 13 - 12	MONOBLOCCO MONOBLOCK	POSTERIORI REAR 1/2G	PASSANTI CROSSING 1/2G	C008 DRV-M20-02	C007 SVCP-S08-TS2	ALUMINIUM STEEL	1.5
	E_06 - 28 - 12	MONOBLOCCO MONOBLOCK	LATERALI ON SIDE 1/2G	PASSANTI CROSSING 3/4G	C035 DRV-S10-02	C035 SVCP-S10-TS2	ALUMINIUM STEEL	1.6

NG10 (CETOP 5)

CHAP.2

MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_10 - 06 - 12	MONOBLOCCO MONOBLOCK	LATERALI ON SIDE 1/2G	PASSANTI CROSSING 3/4G	C025 DRV-M26-01	C045 SVCP-S12-TS2	ALUMINIUM STEEL	2.1
	E_10 - 06 - 34	MONOBLOCCO MONOBLOCK	LATERALI ON SIDE 3/4G	PASSANTI CROSSING 3/4G	C025 DRV-M26-01	C045 SVCP-S12-TS2	ALUMINIUM STEEL	2.2
	E_10 - 05 - __	MONOBLOCCO MONOBLOCK	POSTERIORI REAR 1/2G - 3/4G	PASSANTI CROSSING 3/4G	C025 DRV-M26-01	///	ALUMINIUM STEEL	2.3

NG16 (CETOP 7)

CHAP.3

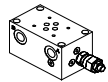
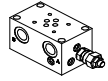
MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_16 - 06 - 100	MONOBLOCCO MONOBLOCK	LATERALI ON SIDE 1G	PASSANTI CROSSING P=1.1/4G - T=1.1/2G	C019	///	STEEL	3.1

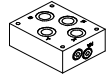
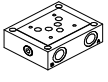
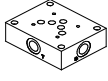
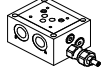
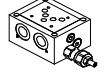
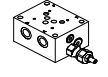
BASI SINGOLE CETOP - CETOP SUB-PLATES

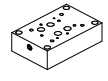
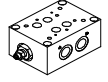
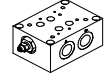
NG6 (CETOP 3)

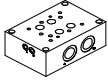
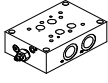
CHAP.4

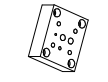
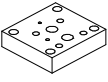
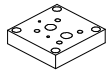
MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_06 - 07 - __	BASE SINGOLA CETOP 3 CETOP 3 SUB-PLATE	POSTERIORI REAR 1/4G - 3/8G - 1/2G	POSTERIORI REAR 1/4G - 3/8G - 1/2G	///	///	ALUMINIUM STEEL	4.1
	E_06 - 08 - __	BASE SINGOLA CETOP 3 CETOP 3 SUB-PLATE	LATERALI ON SIDE 1/4G - 3/8G - 1/2G	LATERALI ON SIDE 1/4G - 3/8G - 1/2G	///	///	ALUMINIUM STEEL	4.2
	E_06 - 09 - __	BASE SINGOLA CETOP 3 CETOP 3 SUB-PLATE	LATERALI ON SIDE 1/4G - 3/8G - 1/2G	LATERALI ON SIDE 1/4G - 3/8G - 1/2G	///	///	ALUMINIUM STEEL	4.3
	E_06 - 16 - __	BASE SINGOLA CETOP 3 CETOP 3 SUB-PLATE	LATERALI ON SIDE 3/8G - 1/2G	LATERALI - POSTERIORI ON SIDE - REAR 3/8G - 1/2G	///	///	ALUMINIUM STEEL	4.4
	E_06 - 33 - 38	BASE SINGOLA CETOP 3 CETOP 3 SUB-PLATE	LATERALI ON SIDE 3/8G	POSTERIORI REAR 3/8G	C008 DRV-M20-02	///	ALUMINIUM STEEL	4.5

	E_06 - 10 - 38	BASE SINGOLA CETOP 3 CETOP 3 SUB-PLATE	LATERALI ON SIDE 3/8G	LATERALI - POSTERIORI ON SIDE - REAR 3/8G	C008 DRV-M20-02	///	ALUMINIUM STEEL	4.6
	E_06 - 10 - 12	BASE SINGOLA CETOP 3 CETOP 3 SUB-PLATE	LATERALI ON SIDE 1/2G	POSTERIORI REAR 1/2G	C008 DRV-M20-02	///	ALUMINIUM STEEL	4.7

NG10 (CETOP 5)								CHAP.5
MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_10-01-__	BASE SINGOLA CETOP 5 CETOP 5 SUB-PLATE	POSTERIORI REAR 1/2G - 3/4G	POSTERIORI REAR 1/2G - 3/4G	///	///	STEEL	5.1
	E_10 - 03 - __	BASE SINGOLA CETOP 5 CETOP 5 SUB-PLATE	LATERALI ON SIDE 1/2G - 3/4G	POSTERIORI REAR 1/2G - 3/4G	///	///	STEEL	5.2
	E_10 - 02 - __	BASE SINGOLA CETOP 5 CETOP 5 SUB-PLATE	LATERALI ON SIDE 1/2G - 3/4G	LATERALI ON SIDE 1/2G - 3/4G	///	///	STEEL	5.3
	E_10 - 04 - __	BASE SINGOLA CETOP 5 CETOP 5 SUB-PLATE	LATERALI ON SIDE 1/2G - 3/4G	POSTERIORI REAR 1/2G - 3/4G	C025 DRV-M26-01	///	ALUMINIUM STEEL	5.4
	E_10 - 08 - __	BASE SINGOLA CETOP 5 CETOP 5 SUB-PLATE	LATERALI ON SIDE 1/2G - 3/4G	LATERALI ON SIDE 1/2G - 3/4G	C025 DRV-M26-01	///	ALUMINIUM STEEL	5.5
	E_10 - 09 - __	BASE SINGOLA CETOP 5 CETOP 5 SUB-PLATE	LATERALI ON SIDE 1/2G - 3/4G	LATERALI - POSTERIORI ON SIDE - REAR 1/2G - 3/4G	C025 DRV-M26-01	///	ALUMINIUM STEEL	5.6

NG16 (CETOP 7)								CHAP.6
MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_16 - 01 - __	BASE SINGOLA CETOP 7 CETOP 7 SUB-PLATE	POSTERIORI REAR 1G	POSTERIORI REAR 1G	///	///	STEEL	6.1
	E_16 - 02 - __	BASE SINGOLA CETOP 7 CETOP 7 SUB-PLATE	LATERALI ON SIDE 1G - 1.1/4G	LATERALI ON SIDE 1G - 1.1/4G	C019	///	STEEL	6.2
	E_16 - 05 - __	BASE SINGOLA CETOP 7 CETOP 7 SUB-PLATE	LATERALI ON SIDE 1G - 1.1/4G	POSTERIORI REAR 1G - 1.1/4G	C019	///	STEEL	6.3












NG25 (CETOP 8)								CHAP.7
MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_25 - 05 - 114	BASE SINGOLA CETOP 8 CETOP 8 SUB-PLATE	LATERALI ON SIDE 1.1/4G	LATERALI ON SIDE P=1.1/4G - T=1.1/2G	///	///	STEEL	7.1
	E_25 - 01 - __	BASE SINGOLA CETOP 8 CETOP 8 SUB-PLATE	LATERALI ON SIDE 1.1/4G - 1.1/2G	LATERALI - POSTERIORI ON SIDE - REAR 1.1/4G - 1.1/2G	C019	///	STEEL	7.2

CETOP "R" SERIES								CHAP.8
MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_R06 - 32 - 12	BASE ISO/CETOP 06R ISO/CETOP 06R SUB-PLATE	///	POSTERIORI REAR T=3/4G P=1/2G	///	///	STEEL	8.1
	E_R08 - 35 - 100	BASE ISO/CETOP 08R ISO/CETOP 08R SUB-PLATE	///	POSTERIORI REAR 1G	///	///	STEEL	8.2
	E_R10 - 37 - 112	BASE ISO/CETOP 10R ISO/CETOP 10R SUB-PLATE	///	POSTERIORI REAR 1.1/2G	///	///	STEEL	8.3

BASI MODULARI CETOP - CETOP MODULAR SUB-PLATES






NG6 (CETOP 3)

CHAP.9

MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_610-08-38	BASE MODULARE CETOP 3 CETOP 3 MODULAR SUB-PLATE	POSTERIORI REAR 3/8G	PASSANTI CROSSING 1/2G	C008 DRV-M20-02	///	ALUMINIUM STEEL	9.1
	E_610-09-38	BASE MODULARE CETOP 3 CETOP 3 MODULAR PLATE	POSTERIORI REAR 3/8G	PASSANTI CROSSING 3/8G	///	///	ALLUMINIUM STEEL	9.2
	E_610-20-38	BASE MODULARE CETOP 3 CETOP 3 MODULAR PLATE	POSTERIORI REAR 3/8G	PASSANTI CROSSING 3/8G	///	///	ALUMINIUM STEEL	9.3
	E_610-21-38	BASE MODULARE CETOP 3 CETOP 3 MODULAR PLATE	POSTERIORI REAR 3/8G	PASSANTI CROSSING 3/8G	///	///	ALUMINIUM STEEL	9.4
	E_610-23-38	BASE MODULARE CETOP 3 CETOP 3 MODULAR PLATE	POSTERIORI REAR 3/8G	PASSANTI CROSSING 3/8G	///	///	ALUMINIUM STEEL	9.5
	E_610-11	BASE MODULARE CETOP 3 MODULAR PLATE CETOP 3	///	PASSANTI CROSSING 3/8G	///	///	ALUMINIUM STEEL	9.6
	E_610-12-38	BASE MODULARE CETOP 3 CETOP 3 MODULAR PLATE	POSTERIORI REAR 3/8G	PASSANTI CROSSING 3/8G	///	C007 SVCP-S08-TS4 SVCP-S08-TS3 SVCP-S08-TD3	ALUMINIUM STEEL	9.7
	E_610-22	BASE MODULARE CON RITEGNO MODULAR PLATE WITH CHECK VALVE	///	PASSANTI CROSSING 1/2G	///	///	ALUMINIUM STEEL	9.8
	E_610-29	BASE MODULARE MODULAR SUB-PLATE	///	PASSANTI CROSSING P=1/2G T=3/4G	C035 DRV-S10-01	///	ALLUMINIUM STEEL	9.9
	E_610-27-12	BASE MODULARE CETOP 3 CETOP 3 MODULAR PLATE	POSTERIORI REAR 1/2G	PASSANTI CROSSING 1/2G	///	///	ALLUMINIUM STEEL	9.10
	E_610-28-38	BASE MODULARE CETOP 3 CETOP 3 MODULAR PLATE	LATERALI ON SIDE 3/8G	PASSANTI CROSSING 1/2G	///	///	ALUMINIUM STEEL	9.11

NG10 (CETOP5)

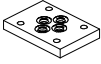
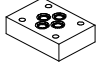
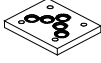
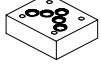
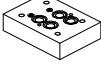
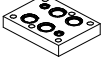
CHAP.10

MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_610-24-12	BASE MODULARE CETOP 5 CETOP 5 MODULAR PLATE	LATERALI ON SIDE 1/2G	PASSANTI CROSSING P=1/2G T=3/4G	C025 DRV-M26-01	///	ALUMINIUM STEEL	10.1
	E_610-30-12	BASE MODULARE CETOP 5 CETOP 5 MODULAR PLATE	POSTERIORI REAR 1/2G	PASSANTI CROSSING 1/2G	///	///	ALUMINIUM STEEL	10.2
	E_610-19-12	BASE MODULARE CETOP 5 CETOP 5 MODULAR PLATE SERIE/SERIES	POSTERIORI REAR 1/2G	PASSANTI CROSSING 1/2G	///	///	ALUMINIUM STEEL	10.3
	E_610-25-12	BASE MODULARE CETOP 5 CETOP 5 MODULAR PLATE	LATERALI ON SIDE 1/2G	PASSANTI CROSSING 1/2G	///	///	ALLUMINIUM STEEL	10.4
	E_610-26-34	BASE MODULARE CETOP 5 CETOP 5 MODULAR PLATE	POSTERIORI REAR 3/4G	PASSANTI CROSSING 1/2G	///	///	ALUMINIUM STEEL	10.5

BASI DI CHIUSURA CETOP - CETOP END PLATES

NG 6-10-16-25 (CETOP 3-5-7-8)

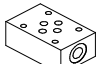
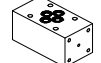
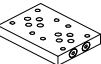
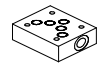

CHAP.11

MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_06 - 00 - 10	BASE DI CHIUSURA CETOP 3 CETOP 3 END-PLATE	///	///	///	///	STEEL	11.1
	E_06 - 00 - 20	BASE DI CHIUSURA- COLLEGAMENTO CETOP 3 CETOP 3 END/SUB-PLATE	///	///	///	///	ALUMINIUM STEEL	11.2
	E_10 - 00 - 10	BASE DI CHIUSURA CETOP 5 CETOP 5 END-PLATE	///	///	///	///	STEEL	11.3
	E_10 - 00 - 20	BASE DI CHIUSURA- COLLEGAMENTO CETOP 5 CETOP 5 END/SUB-PLATE	///	///	///	///	STEEL	11.4
	E_16 - 03 - 30	BASE DI CHIUSURA CETOP 7 CETOP 7 END-PLATE	///	///	///	///	STEEL	11.5
	E_25 - 00 - 30	BASE DI CHIUSURA CETOP 8 CETOP 8 END-PLATE	///	///	///	///	STEEL	11.6

BASI DI COLLEGAMENTO - CONNECTION PLATES

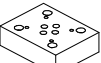
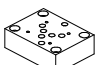
NG 6-10 (CETOP 3-5)

CHAP.12

MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_06 - 01 - _-_-	BASE DI COLLEGAMENTO CETOP 3 CETOP 3 SUB-PLATE	LATERALI ON SIDE 1/4G - 3/8G	LATERALI ON SIDE 1/4G - 3/8G	///	///	STEEL	12.1
	E_610 - 06 - _	PANNELLO MODULARE CETOP 3 PER PRESSOSTATO CETOP 3 MODULAR PLATE FOR PRESSURE SWITCH	///	///	///	///	ALUMINIUM STEEL	12.2
	E_06 - 36 - 00	BASE DI COLLEGAMENTO CETOP 3 - A/A-B/B CETOP 3 SUB-PLATE - A/A-B/B	///	///	///	///	ALUMINIUM	12.3
	E_10 - 10 - _-_-	BASE DI COLLEGAMENTO CETOP 5 CETOP 5 SUB-PLATE	LATERALI ON SIDE 1/4G - 3/8G	LATERALI ON SIDE 1/4G - 3/8G	///	///	STEEL	12.4
	E_610 - 10 - _	PANNELLO MODULARE CETOP 5 PER PRESSOSTATO CETOP 5 MODULAR PLATE FOR PRESSURE SWITCH	///	///	///	///	STEEL	12.5


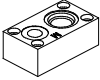
BASI DI RIDUZIONE - REDUCTION PLATES

CHAP.13

MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_610 - 05 - _	BASE DI RIDUZIONE CETOP 5 / CETOP 3 CETOP 5 / CETOP 3 REDUCTION PLATE	///	///	///	///	ALUMINIUM STEEL	13.1
	E_16 - 08 - 00	BASE DI RIDUZIONE CETOP 7 / CETOP 5 CETOP 7 / CETOP 5 REDUCING PLATE	///	///	///	///	STEEL	13.2







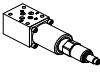



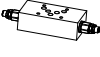

MODULI ACCESSORI - ACCESSORIES

CHAP.14

MODEL	CODE	DESCRIPTION	A-B PORTS	P-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	E_06 - 17 - 12	ELEMENTO PER VENTING O VALVOLA DI MASSIMA VENTING OR RELIEF VALVE ELEMENT	///	PASSANTI CROSSING 1/2G	C007 DRV-S08-04	C007 SVCP-S08-TS2	ALUMINIUM STEEL	14.1
	E_06 - 24 - _	ELEMENTO AGGIUNTIVO VENTING PER E_06-21 VENTING ELEMENT FOR E_06-21	///	///	///	C007 SVCP-S08-TS2	ALUMINIUM STEEL	14.2







VALVOLE MODULARI - MODULAR VALVES

CHAP.15

MODEL	CODE	DESCRIPTION	VALVES	MATERIAL	PAGE
	MV_06 - CP - _	VALVOLA DI BLOCCO MODULARE PILOTATA CETOP 3 CETOP 3 MODULAR PILOT OPERATED CHECK VALVE	C007 VRO-S08-01	ALUMINIUM STEEL	15.1
	MV_06 - RV - _	VALVOLA MODULARE CETOP 3 REGOLATRICE DI PRESSIONE CETOP 3 PRESSURE RELIEVING MODULAR VALVE	C008 DRV-M20-02	ALUMINIUM STEEL	15.2
	MV_06 - OV - _	VALVOLA MODULARE CONTROLLO DISCESA (OVERCENTER) CETOP 3 CETOP 3 OVERCENTER MODULAR VALVE	///	STEEL	15.3
	E_610 - 15 - _	ELEMENTO MODULARE CETOP 3 PER VALVOLE SAE08 CETOP 3 MODULAR ELEMENT FOR SAE08 VALVES	C007 SAE 08	ALUMINIUM STEEL	15.4
	MV_06 - FRR - _	VALVOLA DI REGOLAZIONE PORTATA RAPIDO-LENTO COMPENSATA A COMANDO ELETTRICO PRESSURE COMPENSATED ELECTRICAL HI-LOW FLOW REGULATION VALVE	C007 SVCP-S08-TS1 SVCP-S08-TS2	ALUMINIUM STEEL	15.5
	MV_06 - FD - _	VALVOLA MODULARE DIVISORE - COMBINATORE DI FLUSSO CETOP 3 CETOP 3 FLOW DIVIDER - COMBINER MODULAR VALVE	///	ALUMINIUM STEEL	15.6
	MV_06 - PR - _	VALVOLA RIDUTTRICE DI PRESSIONE MODULARE CETOP 3 CETOP 3 PRESSURE REDUCING MODULAR VALVE	C021 RPD-S10-01	ALUMINIUM STEEL	15.7
	MV_06 - FR - _	VALVOLA REGOLATRICE DI FLUSSO UNIDIREZIONALE CETOP 3 CETOP 3 MODULAR ONE WAY FLOW CONTROL VALVE	C035	ALUMINIUM STEEL	15.8
	E_610 - 13 - _	ELEMENTO MODULARE CETOP 3 PER "RAPIDO-LENTO" CETOP 3 MODULAR ELEMENT FOR "FAST-SLOW"	C007 SVCP-S08-TS1 SVCP-S08-TS2	STEEL	15.9
	E_610 - 17 - _	ELEMENTO MODULARE REGOLATORE CETOP 3 CETOP 3 MODULAR ELEMENT FOR REGULATOR	///	ALUMINIUM STEEL	15.10
	MV_10 - RV - _	VALV. MODULARE CETOP 5 REGOLATRICE DI PRESSIONE CETOP 5 PRESSURE RELIEVING MODULAR VALVE	C035 DRV-S10-02	ALUMINIUM STEEL	15.11
	MV_10 - OV - _	VALVOLA MODULARE CONTROLLO DISCESA (OVERCENTER) CETOP 5 CETOP 5 OVERCENTER MODULAR VALVE	///	STEEL	15.12


CIRCUITI INTEGRATI - INTEGRATED CIRCUITS

CHAP.16

MODEL	CODE	DESCRIPTION	A-B PORTS	AP-BP-T PORTS	RELIEF VALVE	VENTING VALVE	MATERIAL	PAGE
	HLPE06	BASE SINGOLA CETOP 3 ALTA-BASSA PRESSIONE CETOP 3 SUB-PLATE HI-LOW PRESSURE	LATERALI ON SIDE 1/2G	POSTERIORI REAR AP 1/4G - BP 3/8G - T 1/2G	///	///	STEEL	16.1
	HLPE10	BASE SINGOLA CETOP 5 ALTA-BASSA PRESSIONE CETOP 5 SUB-PLATE HI-LOW PRESSURE	LATERALI ON SIDE 3/4G	POSTERIORI REAR AP 3/8G - BP 1/2G - T 3/4G	///	///	STEEL	16.2
	HLPE16	BASE SINGOLA CETOP 7 ALTA-BASSA PRESSIONE CETOP 7 SUB-PLATE HI-LOW PRESSURE	LATERALI ON SIDE 1G	POSTERIORI REAR AP 1/2G - BP 3/4G - T 1G	///	///	STEEL	16.3
	HLP 06	BASE SINGOLA CETOP 3 ALTA-BASSA PRES. V.E. CETOP 3 SUB-PLATE HI-LOW PRESSURE WITH V.V.	LATERALI ON SIDE 3/8G	POSTERIORI REAR AP 1/4G - BP 3/8G - T 1/2G	C007 DRV-S08-04	C007 SVCP-S08-TS1 SVCP-S08-TS2	STEEL	16.4
	HLP 10	BASE SINGOLA CETOP 5 ALTA-BASSA PRES. V.E. CETOP 5 SUB-PLATE HI-LOW PRESSURE WITH V.V.	LATERALI ON SIDE 3/4G	POSTERIORI REAR AP 1/2G - BP 1/2G - T 3/4G	C008 DRV-M20-02	C007 SVCP-S08-TS1 SVCP-S08-TS2	STEEL	16.5
	HLP 16	BASE SINGOLA CETOP 7 ALTA-BASSA PRES. V.E. CETOP 7 SUB-PLATE HI-LOW PRESSURE WITH V.V.	LATERALI ON SIDE 1G	POSTERIORI REAR AP 3/4G - BP 1G - T 1,1/4G	C025 DRV-M26-01	C007 SVCP-S08-TS1 SVCP-S08-TS2	STEEL	16.6








VALVOLE IN LINEA - IN-LINE VALVES

CHAP.17

MODEL	CODE	DESCRIPTION	VENTING VALVE	MATERIAL	PAGE
	FCRAG-_-_-30	VALVOLA REGOLATRICE DI PRESSIONE DOPPIA INCROCIATA PER AG,BG,AR,BR IN-LINE DUAL CROSS DIRECT ACTING RELIEF VALVE FOR AG,BG,AR,BR	///	STEEL	17.1
	RVV_-_-	VALVOLA REGOL. DI MASSIMA CON ELETTROVALVOLA DI SCARICO SOLENOID OPERATED PRESSURE RELIEF VALVE WITH VENTING	C007 SVCP-S08-TS1 SVCP-S08-TS2	ALUMINIUM STEEL	17.2

COLLETTORI - IN-LINE HOUSINGS

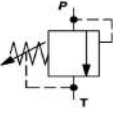
CHAP.18

MODEL	CODE	DESCRIPTION	CAVITY	MATERIAL	PAGE
	HS_06-_-10	COLLETTORE PER VALVOLA 3/4-16 UNF (SAE 08), P-T 1/4" (3/8") BSP IN-LINE HOUSING FOR 3/4-16 UNF (SAE 08) VALVE, P-T 1/4" (3/8") BSP	C007	ALUMINIUM STEEL	18.1
	HS-_-_-2-_-	COLLETTORE 2 VIE PER VALVOLA SAE 08-10-12-16 2 WAY IN-LINE HOUSING FOR SAE 08-10-12-16 VALVE	C007 C035 C045 C023 C012	ALUMINIUM STEEL	18.2
	HS-_-_-3-_-	COLLETTORE 3 VIE PER VALVOLA SAE 08-10-12-16 3 WAY IN-LINE HOUSING FOR SAE 08-10-12-16 VALVE	C021 C054 C056	ALUMINIUM STEEL	18.3
	HS-_-10-3-V2-_-	COLLETTORE 3 VIE IN LINEA PER VALVOLA SAE 10 3 WAY IN-LINE HOUSING FOR SAE 10 VALVE	C021	ALUMINIUM STEEL	18.4
	HS-_-_-4-_-	COLLETTORE 4 VIE PER VALVOLA SAE 08-10-12-16 4 WAY IN-LINE HOUSING FOR SAE 08-10-12-16 VALVE	C001 C037 C067 C068	ALUMINIUM STEEL	18.5
	HRV-_-_-	COLLETTORE 2 VIE PER VALVOLA METRICA 2 WAY IN-LINE HOUSING FOR METRICAL VALVE	C008 C025	ALUMINIUM STEEL	18.6
	HRVL-_-_-	COLLETTORE 2 VIE IN-LINEA PER VALVOLA SAE 08-10, M20-M26 2 WAY IN-LINE HOUSING FOR SAE 08-10, M20-M26 VALVE	C007 C035 C008 C019	ALUMINIUM STEEL	18.7


VALVOLE A CARTUCCIA - CARTRIDGE VALVES

CHAP.19


VALVOLE REGOLATRICI DI PRESSIONE - RELIEF VALVES

SYMBOL	CODE	PRESSURE [bar]	FLOW [l/min]	CAVITY	PAGE
	DRV-S08-04	350	30	C007	19.1
	DRV-S10-02	350	80	C035	19.2
	DRV-M20-02	420	30	C008	19.3
	DRV-M26-01	250	80	C025	19.4


VALVOLE RIDUTTRICI DI PRESSIONE - REDUCING VALVES

SYMBOL	CODE	PRESSURE [bar]	FLOW [l/min]	CAVITY	PAGE
	RPD-S10-01	350	30	C021	19.5

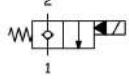
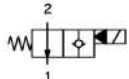
VALVOLE REGOLATRICI DI FLUSSO - FLOW CONTROL VALVES

SYMBOL	CODE	PRESSURE [bar]	FLOW [l/min]	CAVITY	PAGE
	FCO-S08-01	250	25	C007	19.6

VALVOLE DI RITEGNO - CHECK VALVES

SYMBOL	CODE	PRESSURE [bar]	FLOW [l/min]	CAVITY	PAGE
	VRO-S08-01	420	50	C007	19.7
	VRO-M22-01	420	80	C002	19.8

VALVOLE ELETTRICHE - SOLENOID VALVES

SYMBOL	CODE	PRESSURE [bar]	FLOW [l/min]	CAVITY	PAGE
	SVCP-S08-TS1	350	40	C007	19.9
	SVCP-S08-TS2	350	40	C007	19.10
	SVCP-S10-TS2	350	70	C035	19.11
	SVCP-S12-TS2	350	140	C045	19.12

BOBINE - COILS

					CHAP.20
WATT	DIMENSION	TENSION	CONN.	CLASS	PAGE
18 22 26	13-39 16-50	12VDC 24VDC 26VDC 110RAC 220RAC	DIN43650 AMP JUNIOR DEUTSCH LEADS	H	20.0

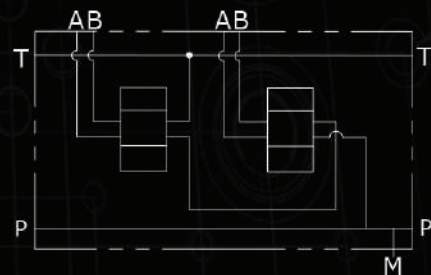
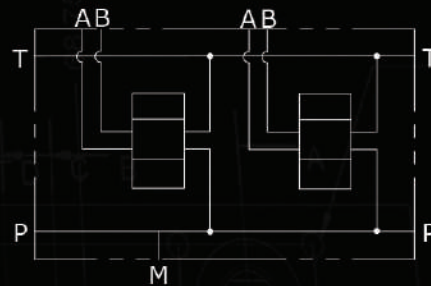
CAVITA' - CAVITY

			CHAP.21				CHAP.21
SIZE	WAY	CODE	PAGE	SIZE	WAY	CODE	PAGE
M20x1.5	2	C008	21.1	1.1/16-12 UN	4	C067	21.7
M22x1.5	2	C002	21.1	1.5/16-12 UN	2	C023	21.8
M26x1,5	2	C019	21.2	1.5/16-12 UN	3	C056	21.8
M26x1,5	2	C025	21.2	1.5/16-12 UN	4	C068	21.9
3/4-16 UNF	2	C007	21.3				
3/4-16 UNF	3	C012	21.3	1/8G	1	BSP 1/8G	21.10
3/4-16 UNF	3	C038	21.4	1/4G	1	BSP 1/4G	21.10
3/4-16 UNF	4	C001	21.4	3/8G	1	BSP 3/8G	21.10
7/8-14 UNF	2	C035	21.5	1/2G	1	BSP 1/2G	21.10
7/8-14 UNF	3	C021	21.5	3/4G	1	BSP 3/4G	21.10
7/8-14 UNF	4	C037	21.6	1G	1	BSP 1G	21.10
1.1/16-12 UN	2	C045	21.6	1.1/4G	1	BSP 1.1/4G	21.10
1.1/16-12 UN	3	C054	21.7	1.1/2G	1	BSP 1.1/2G	21.10

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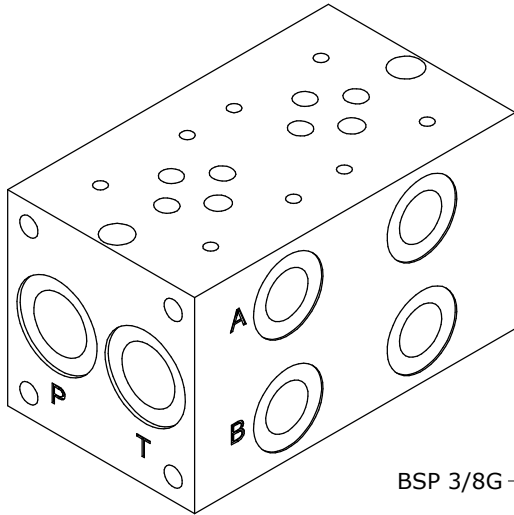
**Sezione
MONOBLOCCHI
CETOP**

**Section
CETOP
MONOBLOCKS**

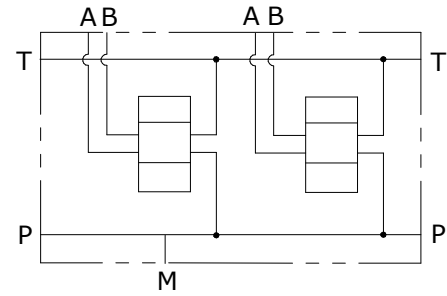


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17/07/2014

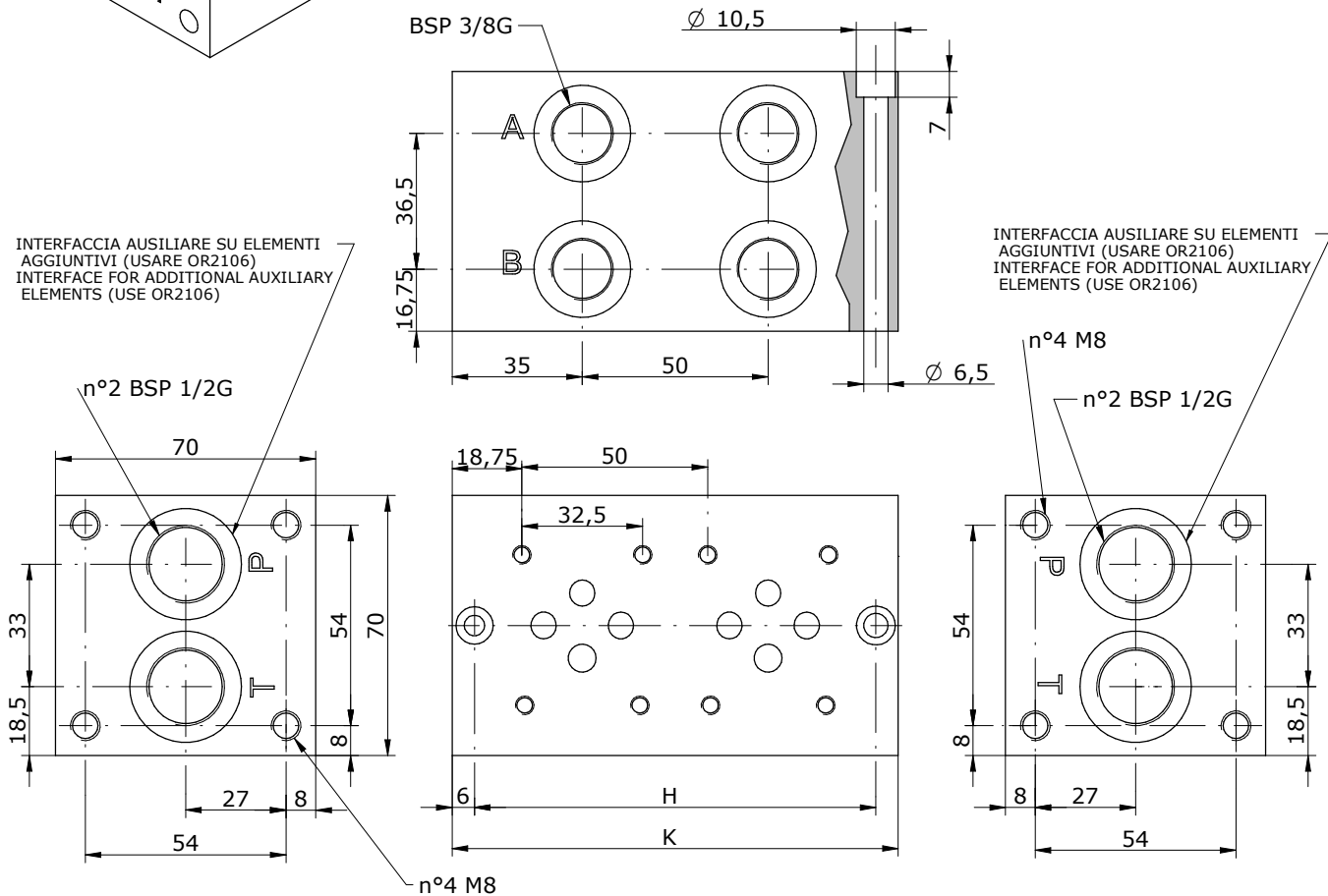


Schema idraulico
 Hydraulic diagram



INTERFACCIA AUSILIARE SU ELEMENTI
 AGGIUNTIVI (USARE OR2106)
 INTERFACE FOR ADDITIONAL AUXILIARY
 ELEMENTS (USE OR2106)

INTERFACCIA AUSILIARE SU ELEMENTI
 AGGIUNTIVI (USARE OR2106)
 INTERFACE FOR ADDITIONAL AUXILIARY
 ELEMENTS (USE OR2106)



POS.	01	02	03	04	05	06	07	08	09	10
H	58	108	158	208	258	308	358	408	458	508
K	70	120	170	220	270	320	370	420	470	520

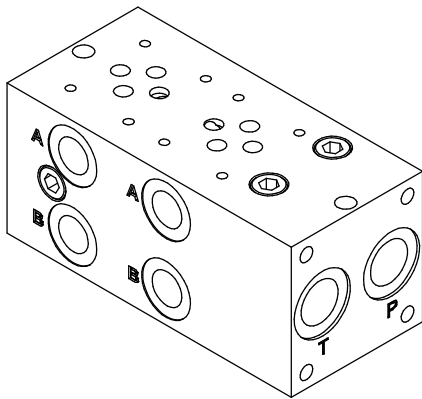
E_ 06 - 12 - 38 -

S = STEEL
A = ALUMINIUM

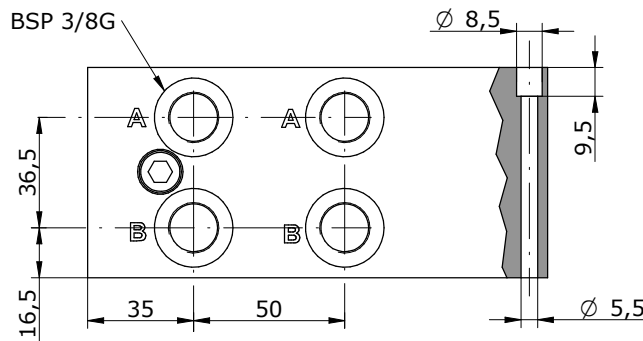
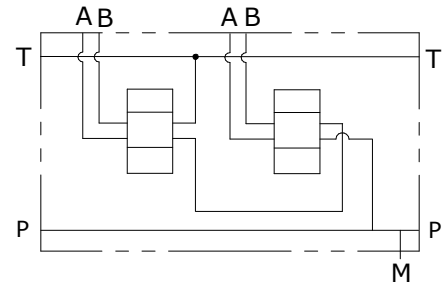
MOUNTING POSITIONS: 01 ÷ 10

**MONOBLOCCO A-B LATERALI 3/8" P-T 1/2" BSP CON VALVOLA EL. OPZIONALE,
CIRCUITO IN SERIE**
**MONOBLOCK A-B ON SIDE 3/8" P-T 1/2" BSP WITH OPTIONAL VENTING VALVE,
SERIES CIRCUIT**

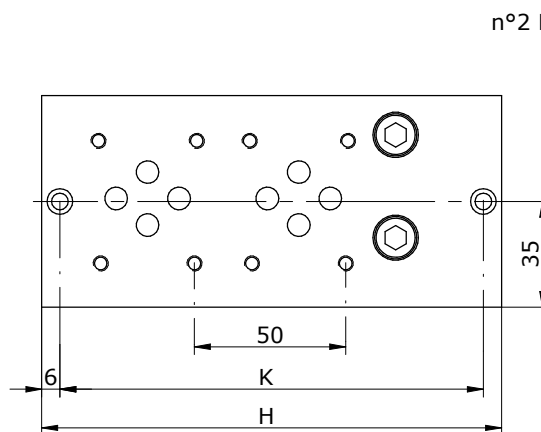
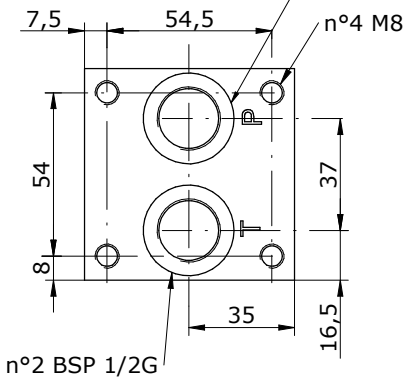
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2mp



Schema idraulico
Hydraulic diagram



INTERFACCIA AUSILIARE SU ELEMENTI
AGGIUNTIVI (USARE OR2106)
INTERFACE FOR ADDITIONAL AUXILIARY
ELEMENTS (USE OR2106)



E_06 - 19 - 38 - ___ - 0

POS.	02	03	04	05	06	07	08
H	152	202	252	302	352	402	452
K	140	190	240	290	340	390	440

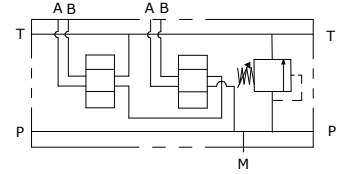
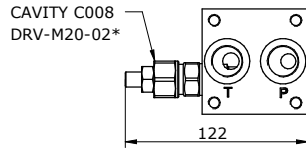
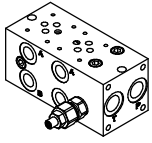
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Fax +39 0523 524509

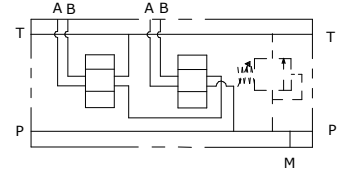
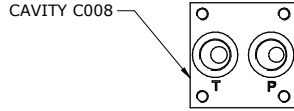
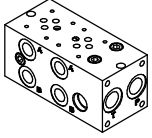
**MONOBLOCCO A-B LATERALI 3/8" P-T 1/2" BSP CON VALVOLA EL. OPZIONALE,
CIRCUITO IN SERIE
MONOBLOCK A-B ON SIDE 3/8" P-T 1/2" BSP WITH OPTIONAL VENTING VALVE,
SERIES CIRCUIT**

**OLEODINAMICA
2mp**

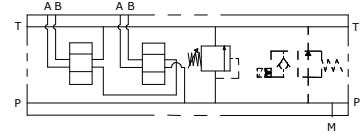
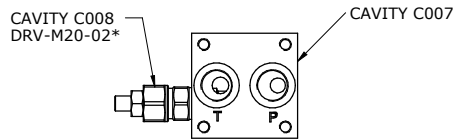
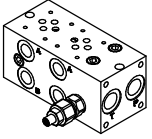
E_06 - 19 - 38 - ___ - 1



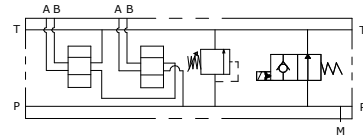
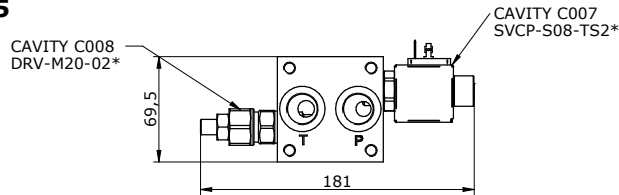
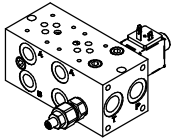
E_06 - 19 - 38 - ___ - 2



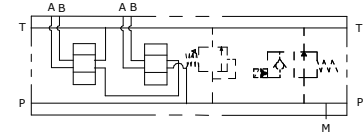
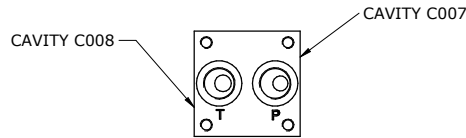
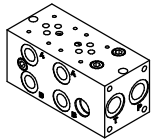
E_06 - 19 - 38 - ___ - 4



E_06 - 19 - 38 - ___ - 5



E_06 - 19 - 38 - ___ - 6



E_06 - 19 - 38 - _____

S = STEEL
A = ALUMINIUM

MOUNTING POSITIONS: 01 ÷ 08

0 = WITHOUT RELIEF VALVE
1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY
4 = WITH R.V. AND V.V. READY
5 = WITH R.V. AND V.V.
6 = V.V. READY AND R.V. READY

0 = WITHOUT R.V.
1 = 5-55 bar
2 = 25-110 bar
3 = 50-215 bar
4 = 100-350 bar
5 = 100-420 bar

0 = WITHOUT RELIEF VALVE
H = HEX. HEAD SCREW **K** = KNOB **C** = COVER CAP NOT ADJUSTABLE



SEALS
N = BUNA
V = VITON

VENTING VALVE
000 = WITHOUT V.V.
TS2 = NORMALLY OPEN

VENTING VALVE
0 = NO MANUAL OVERRIDE
3 = PUSH PIN
4 = PUSH BOTTON
5 = HEX. ALLEN

CONNECTOR TYPE
0 = WITHOUT COIL
C = CAVI / LEADS
D = DIN 43650
G = DEUTSCH DT04-2P
A = AMP JUNIOR

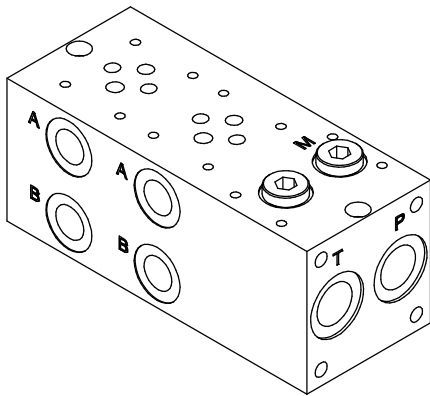
TENSIONE / VOLTAGE
000 = WITHOUT COIL
D12 = 12 VDC
D24 = 24 VDC
220 = 220 RAC

*see **CARTRIDGE VALVES** datasheets

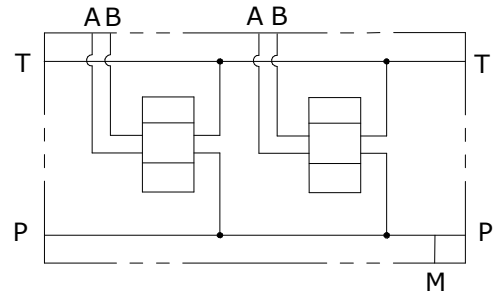
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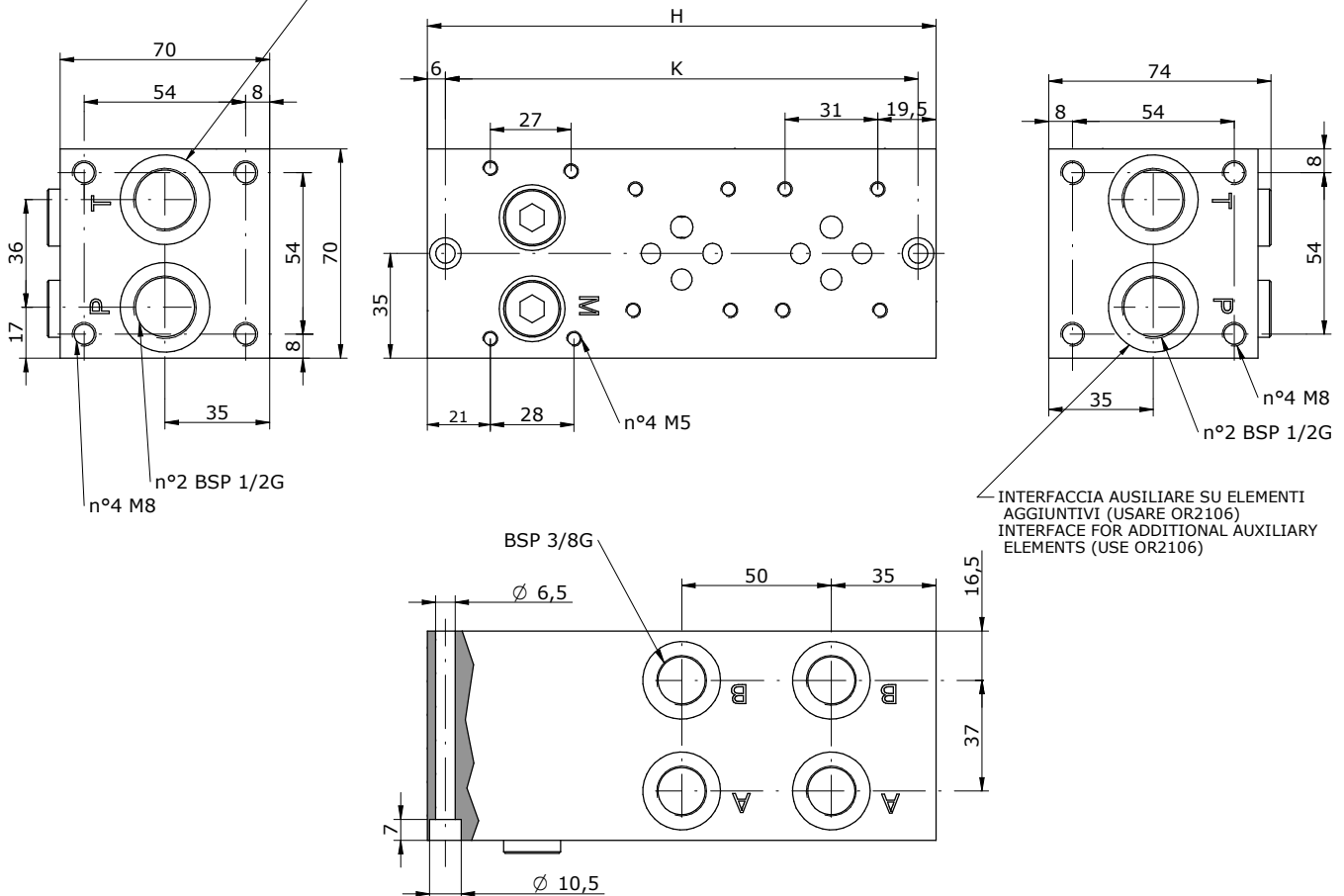
MONOBLOCCO CETOP 3 CON UTILIZZI A-B LAT 3/8" BSP . P-T POST 1/2" BSP CON VALVOLA ELETTRICA OPZIONALE
MONOBLOCK CETOP 3 WITH A-B PORTS ON SIDE 3/8" BSP, P-T REAR 1/2" BSP WITH OPTIONAL VENTING VALVE



Schema idraulico
Hydraulic diagram



INTERFACCIA AUSILIARE SU ELEMENTI AGGIUNTIVI (USARE OR2106)
INTERFACE FOR ADDITIONAL AUXILIARY ELEMENTS (USE OR2106)



E_06 - 21 - 38 - ___ - 0

ACCESSORI DISPONIBILI/AVAILABLE ACCESSORIES:

E_06-17-12 ELEMENTO PER VENTING O VALVOLA DI MASSIMA/VENTING OR RELIEF VALVE ELEMENT (p. 14.1)

E_06-24-__ ELEMENTO AGGIUNTIVO VENTING/ VENTING ELEMENT (p. 14.2)

VEDI ASSIEMI/SEE ASSEMBLY

POS.	01	02	03	04	05	06	07	08	09	10
H	120	170	220	270	320	370	420	470	520	570
K	108	158	208	258	308	358	408	458	508	558

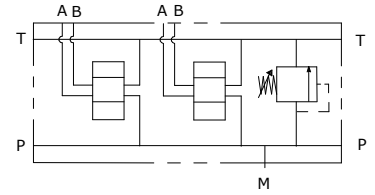
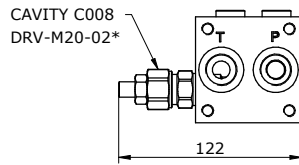
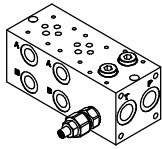
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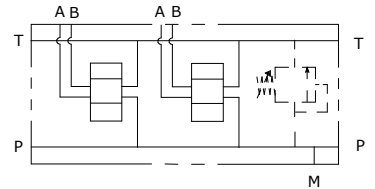
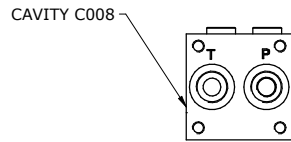
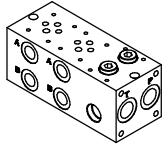
MONOBLOCCO CETOP 3 CON UTILIZZI A-B LAT 3/8" BSP . P-T POST 1/2" BSP CON VALVOLA ELETTRICA OPZIONALE
MONOBLOCK CETOP 3 WITH A-B PORTS ON SIDE 3/8" BSP, P-T BACK 1/2" BSP WITH OPTIONAL VENTING VALVE



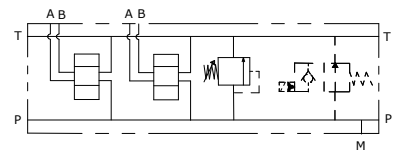
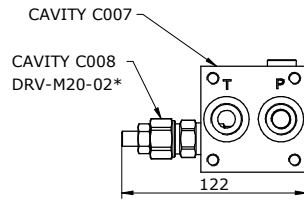
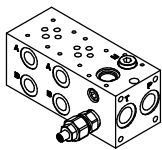
E_06 - 21 - 38 - ___ - 1



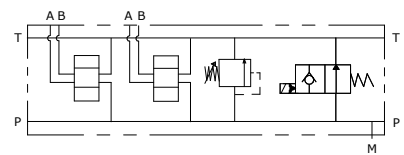
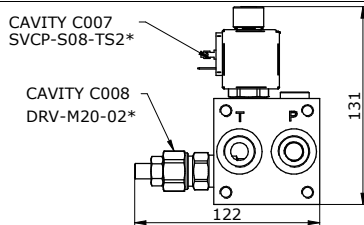
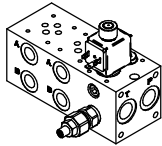
E_06 - 21 - 38 - ___ - 2



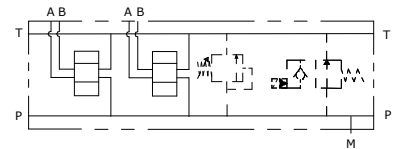
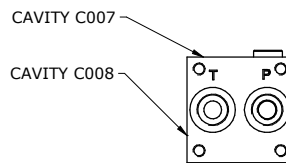
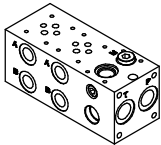
E_06 - 21 - 38 - ___ - 4



E_06 - 21 - 38 - ___ - 5



E_06 - 21 - 38 - ___ - 6



E_06 - 21 - 38 - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___

MOUNTING POSITIONS: 01 ÷ 10

S = STEEL
A = ALUMINIUM

0 = WITHOUT RELIEF VALVE
1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY
4 = WITH R.V. AND V.V. READY
5 = WITH R.V. AND V.V.
6 = V.V. READY AND R.V. READY

0 = WITHOUT R.V.
1 = 5-55 bar
2 = 25-110 bar
3 = 50-215 bar
4 = 100-350 bar
5 = 100-420 bar

0 = WITHOUT RELIEF VALVE
H = HEX. HEAD SCREW **K** = KNOB **C** = COVER CAP NOT ADJUSTABLE



SEALS
N = BUNA
V = VITON

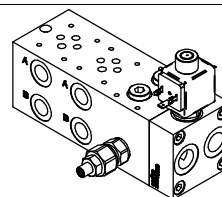
VENTING VALVE
000 = WITHOUT V.V.
TS2 = NORMALLY OPEN

VENTING VALVE
0 = NO MANUAL OVERRIDE
3 = PUSH PIN
4 = PUSH BOTTON
5 = HEX. ALLEN

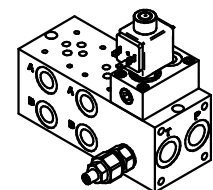
CONNECTOR TYPE
0 = WITHOUT COIL
C = CAVI / LEADS
D = DIN 43650
G = DEUTSCH DT04-2P
A = AMP JUNIOR

TENSIONE / VOLTAGE
000 = WITHOUT COIL
D12 = 12 VDC
D24 = 24 VDC
220 = 220 RAC

**MONTAGGIO CON ACCESSORI/
 ASSEMBLY WITH ACCESSORIES:**



E_06-17-12 (p. 14.1)



E_06-24- (p. 14.2)

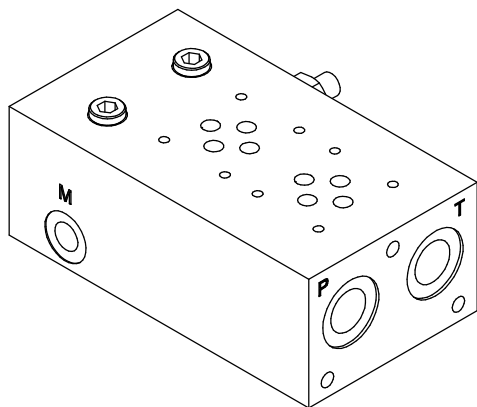
*see **CARTRIDGE VALVES** datasheets

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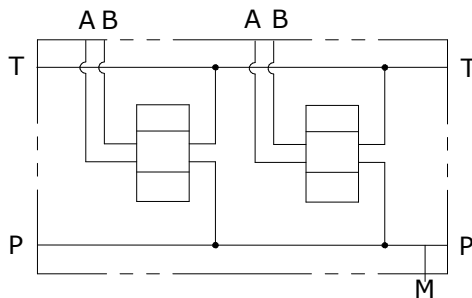
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 Fax +39 0523 524509

**MONOBLOCCO A-B POSTERIORI 3/8", P-T 1/2" CON VALVOLA
ELETTRICA OPZIONALE
MONOBLOCK A-B REAR PORTS 3/8" P-T 1/2" WITH OPTIONAL
VENTING VALVE**

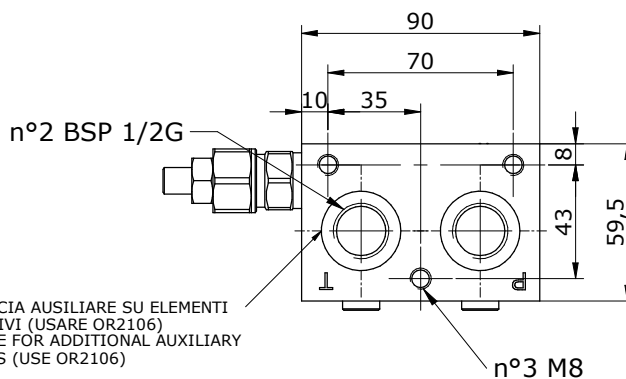
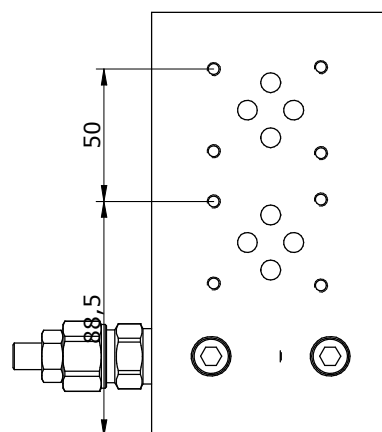
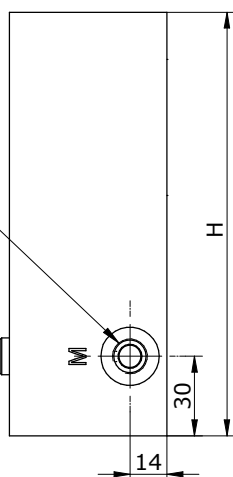
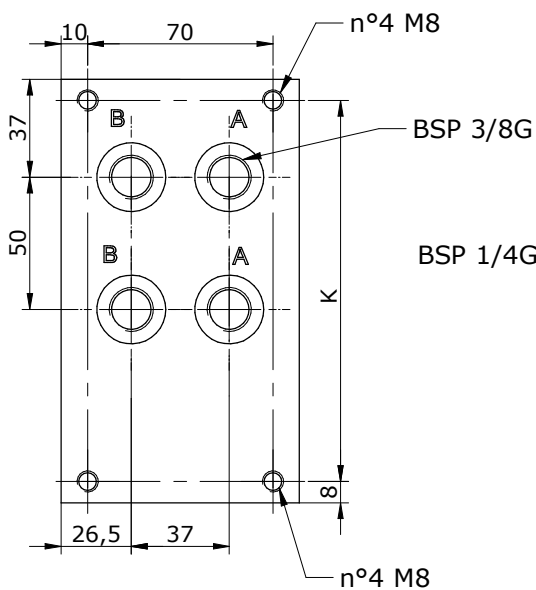
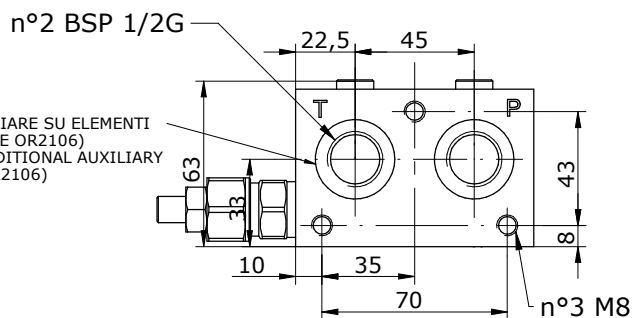
**OLEODINAMICA
2mp**



Schema idraulico
Hydraulic diagram



INTERFACCIA AUSILIARE SU ELEMENTI
AGGIUNTIVI (USARE OR2106)
INTERFACE FOR ADDITIONAL AUXILIARY
ELEMENTS (USE OR2106)



INTERFACCIA AUSILIARE SU ELEMENTI
AGGIUNTIVI (USARE OR2106)
INTERFACE FOR ADDITIONAL AUXILIARY
ELEMENTS (USE OR2106)

E_ 06 - 13 - 38 - ___ - 0

POS.	01	02	03	04	05	06	07	08	09	10
H	110	160	210	260	310	360	410	460	510	560
K	94	144	194	244	294	344	394	444	494	544

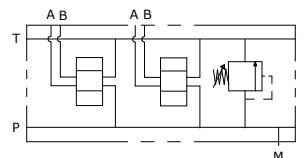
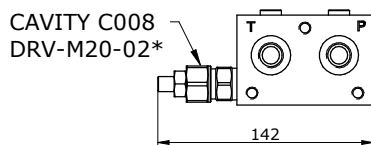
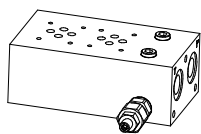
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Fax +39 0523 524509

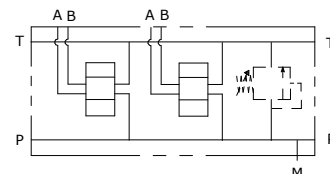
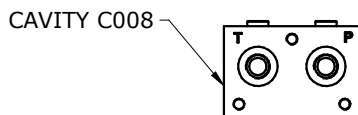
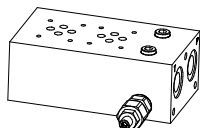
**MONOBLOCCO A-B POSTERIORI 3/8", P-T 1/2" CON VALVOLA
ELETTRICA OPZIONALE
MONOBLOCK A-B BACK PORTS 3/8" P-T 1/2" WITH OPTIONAL
VENTING VALVE**

**OLEODINAMICA
2mp**

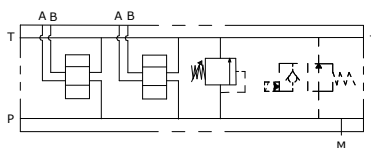
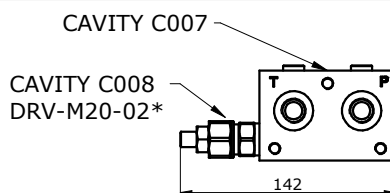
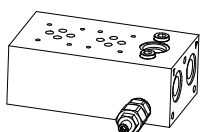
E_06 - 13 - 38 - ___ - 1



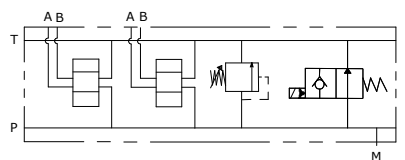
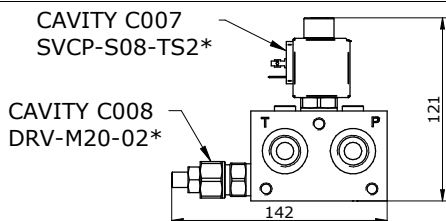
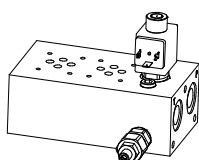
E_06 - 13 - 38 - ___ - 2



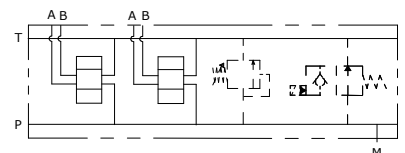
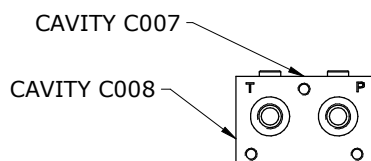
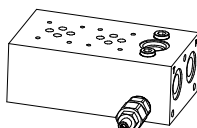
E_06 - 13 - 38 - ___ - 4



E_06 - 13 - 38 - ___ - 5



E_06 - 13 - 38 - ___ - 6



E_06 - 13 - 38 - _____

MOUNTING POSITIONS: 01 ÷ 10

S = STEEL
A = ALUMINIUM

0 = WITHOUT RELIEF VALVE
1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY
4 = WITH R.V. AND V.V. READY
5 = WITH R.V. AND V.V.
6 = V.V. READY AND R.V. READY

0 = WITHOUT R.V.
1 = 5-55 bar
2 = 25-110 bar
3 = 50-215 bar
4 = 100-350 bar
5 = 100-420 bar

0 = WITHOUT RELIEF VALVE
H = HEX. HEAD SCREW **K** = KNOB **C** = COVER CAP NOT ADJUSTABLE

SEALS
N = BUNA
V = VITON

VENTING VALVE
000 = WITHOUT V.V.
TS2 = NORMALLY OPEN

VENTING VALVE
0 = NO MANUAL OVERRIDE
3 = PUSH PIN
4 = PUSH BOTTOM
5 = HEX. ALLEN

CONNECTOR TYPE
0 = WITHOUT COIL
C = CAVI / LEADS
D = DIN 43650
G = DEUTSCH DT04-2P
A = AMP JUNIOR

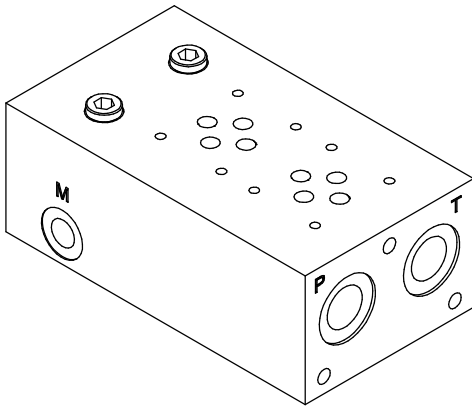
TENSIONE / VOLTAGE
000 = WITHOUT COIL
D12 = 12 VDC
D24 = 24 VDC
220 = 220 RAC

*see **CARTRIDGE VALVES** datasheets

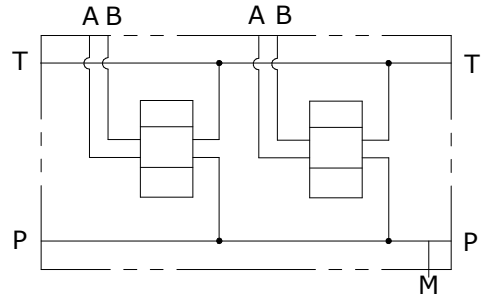
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29027 Casoli Di Gariga - Podenzano (PC) Italy

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Fax +39 0523 524509

**MONOBLOCCO A-B POSTERIORI 1/2", P-T 1/2" CON VALVOLA
ELETTRICA OPZIONALE
MONOBLOCK A-B REAR PORTS 1/2" P-T 1/2" WITH OPTIONAL
VENTING VALVE**

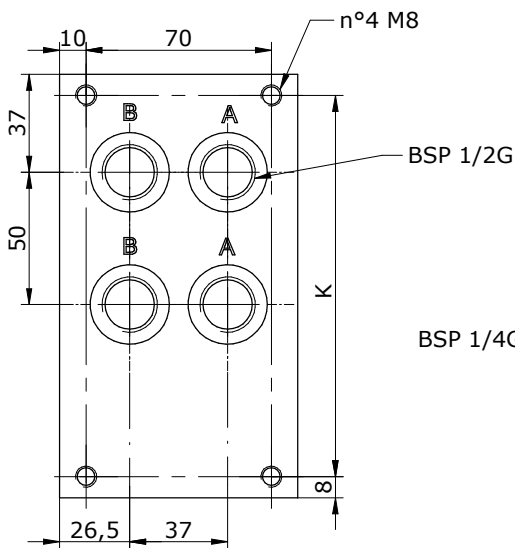
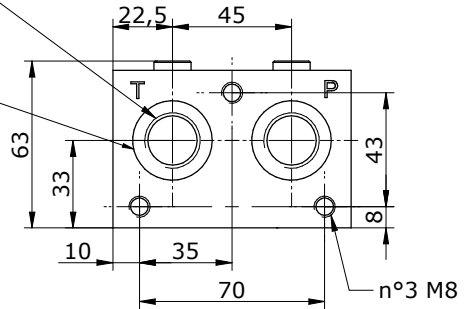


Schema idraulico
Hydraulic diagram

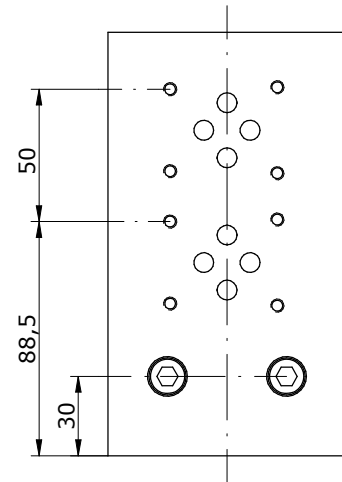
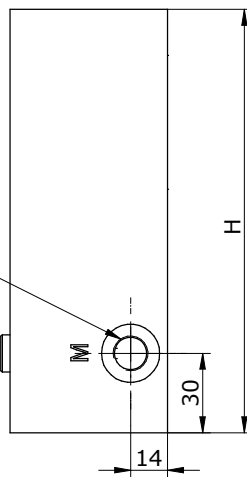


n°2 BSP 1/2G

INTERFACCIA AUSILIARE SU ELEMENTI
AGGIUNTIVI (USARE OR2106)
INTERFACE FOR ADDITIONAL AUXILIARY
ELEMENTS (USE OR2106)

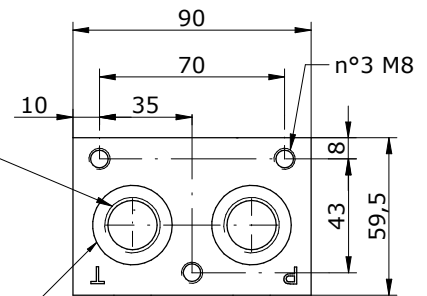


BSP 1/4G



n°2 BSP 1/2G

INTERFACCIA AUSILIARE SU ELEMENTI
AGGIUNTIVI (USARE OR2106)
INTERFACE FOR ADDITIONAL AUXILIARY
ELEMENTS (USE OR2106)



E_06 - 13 - 12 - ___ - 0

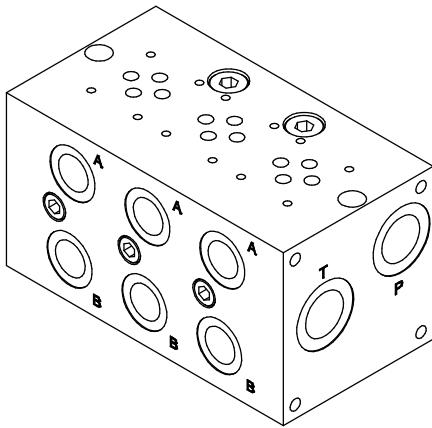
POS.	01	02	03	04	05	06	07	08	09	10
H	110	160	210	260	310	360	410	460	510	560
K	94	144	194	244	294	344	394	444	494	544

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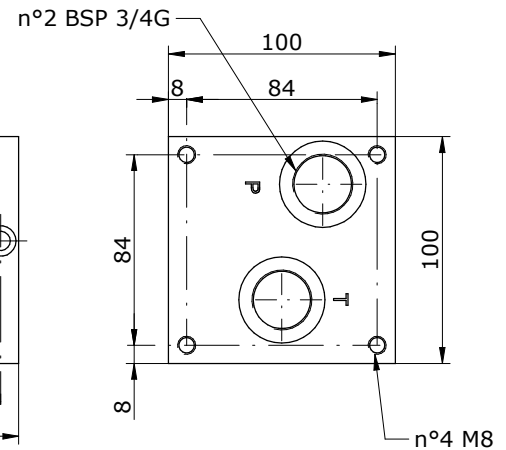
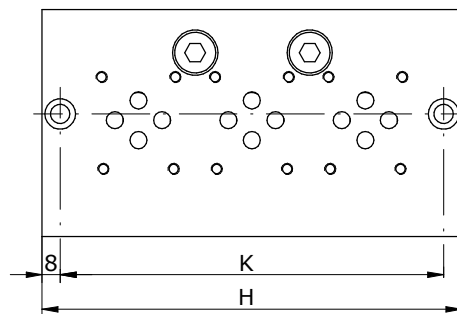
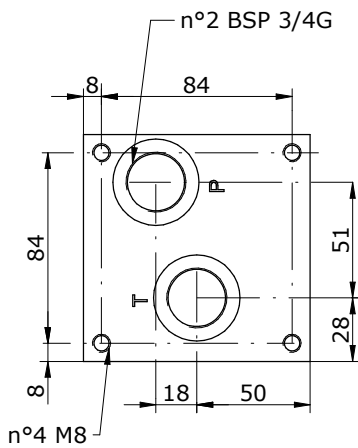
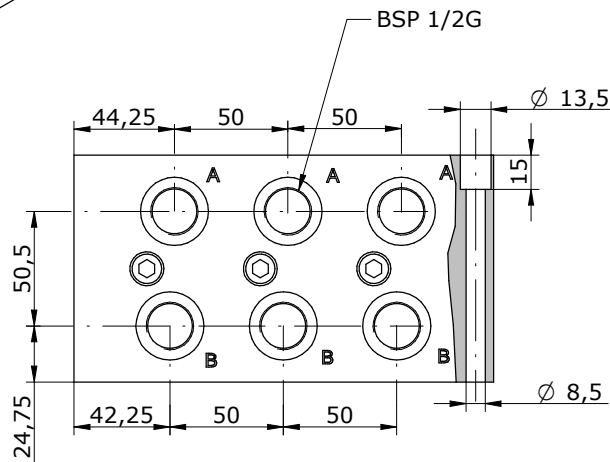
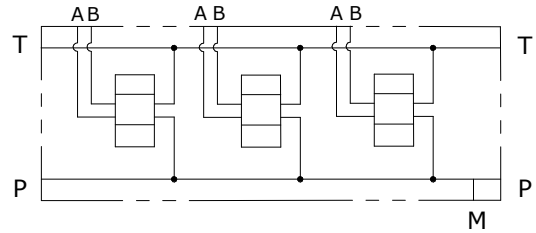
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**MONOBLOCCO A-B LATERALI 1/2" P-T 3/4" BSP CON VALVOLA ELETTRICA
OPZIONALE
MONOBLOCK A-B ON SIDE 1/2" P-T 3/4" BSP WITH OPTIONAL VENTING VALVE**

**OLEODINAMICA
2mp**



Schema idraulico
Hydraulic diagram

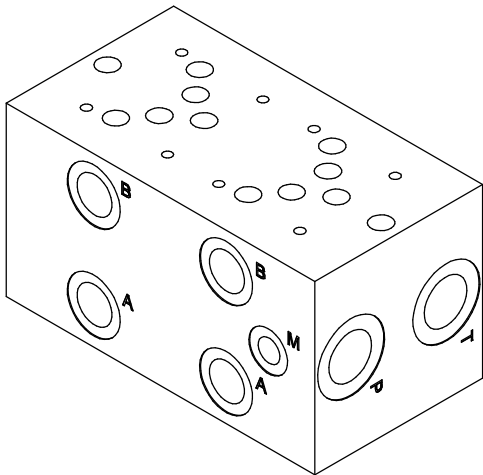


E_06 - 28 - 12 - ___ - 0

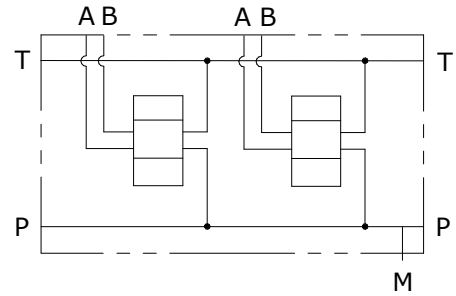
POS.	02	03	04	05	06
H	145	185	235	285	335
K	129	169	219	269	319

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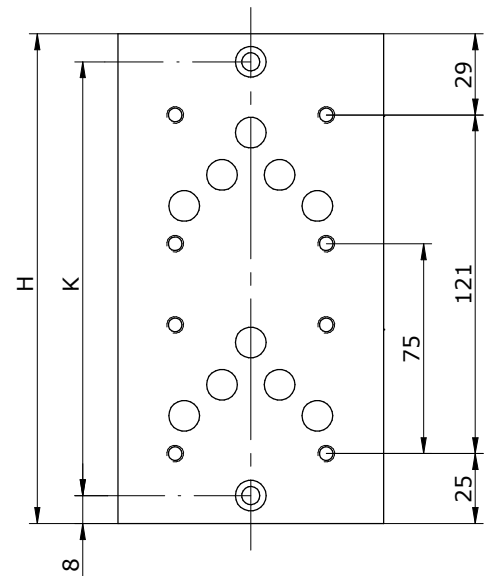
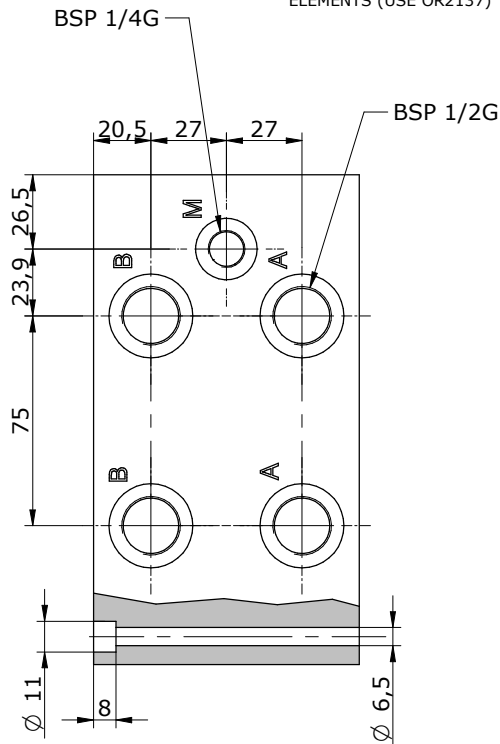
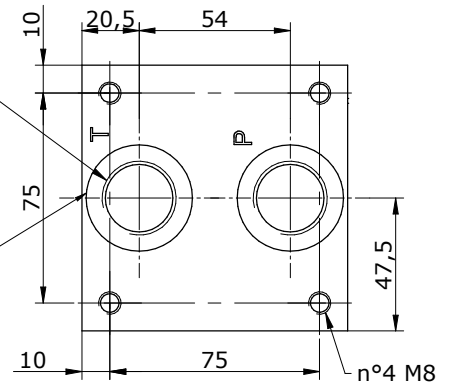


Schema idraulico
 Hydraulic diagram

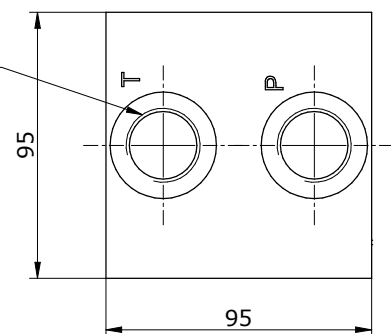


n°2 BSP 3/4G

INTERFACCIA AUSILIARE SU ELEMENTI
 AGGIUNTIVI (USARE OR2137)
 INTERFACE FOR ADDITIONAL AUXILIARY
 ELEMENTS (USE OR2137)

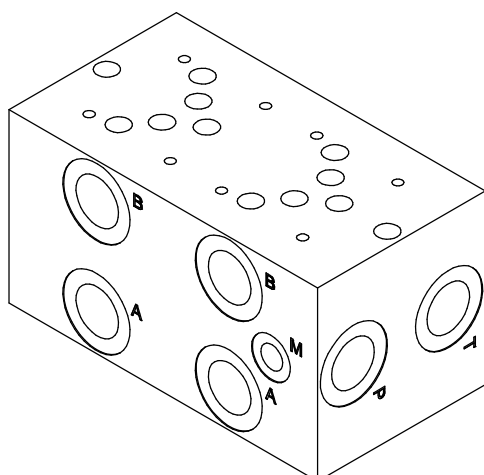


n°2 BSP 3/4G

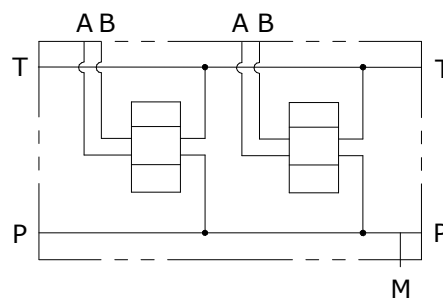


E_10 - 06 - 12 - __ - 0

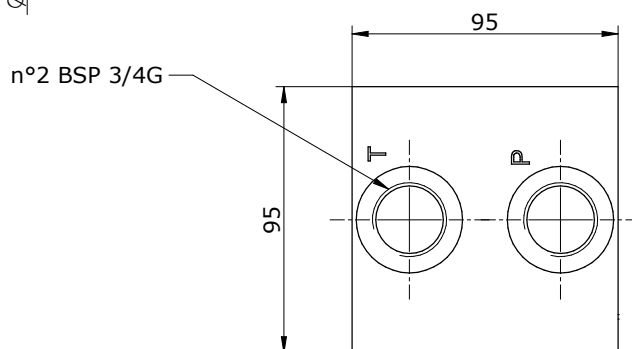
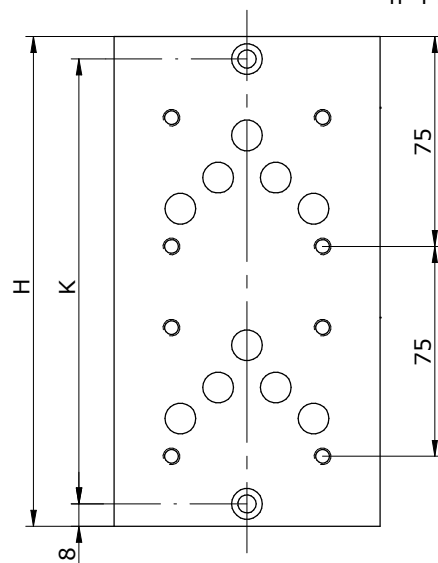
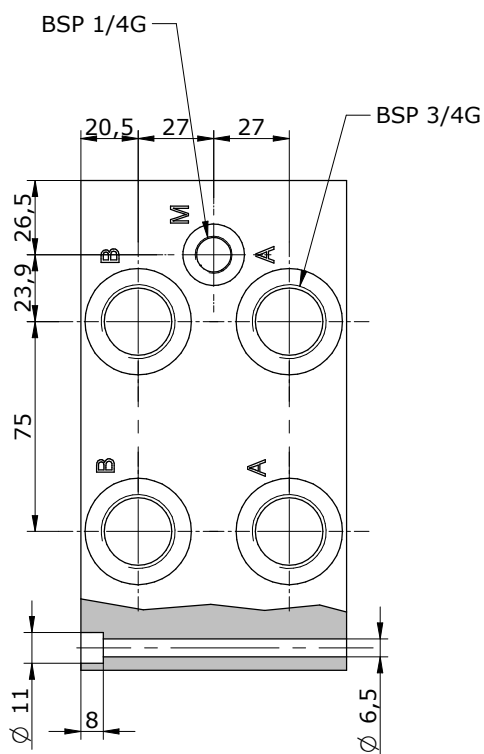
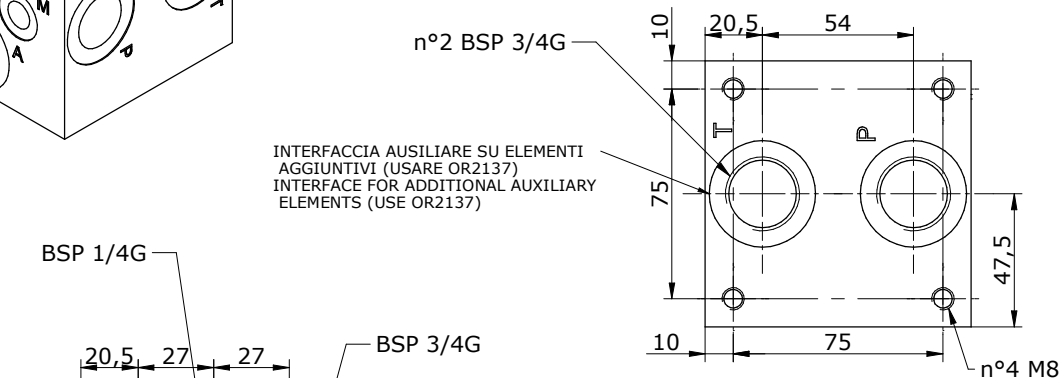
POS.	01	02	03	04	05	06
H	110	175	250	325	400	475
K	94	159	234	309	384	459



Schema idraulico
 Hydraulic diagram



INTERFACCIA AUSILIARE SU ELEMENTI
 AGGIUNTIVI (USARE OR2137)
 INTERFACE FOR ADDITIONAL AUXILIARY
 ELEMENTS (USE OR2137)



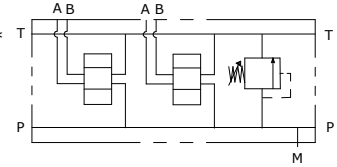
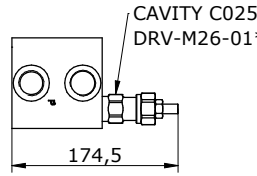
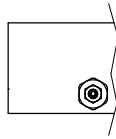
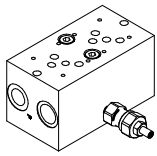
E_ 10 - 06 - 34 - ___ - 0

POS.	01	02	03	04	05	06	07	08
H	110	175	250	325	400	475	550	625
K	94	159	234	309	384	459	534	609

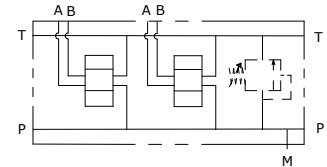
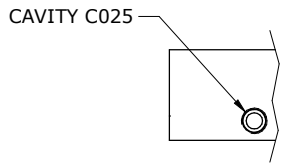
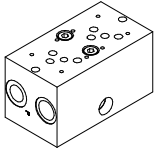
**MONOBLOCCO A-B LATERALI P-T 3/4" BSP
MONOBLOCK A-B ON SIDE P-T 3/4" BSP**

**OLEODINAMICA
2mp**

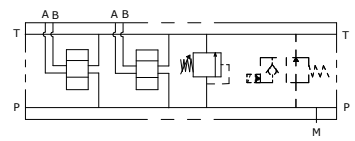
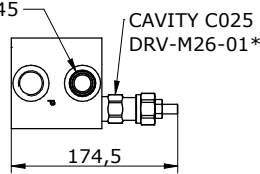
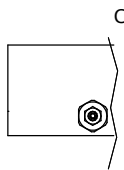
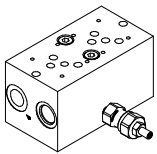
E_10 - 06 - 34 - ___ - 1



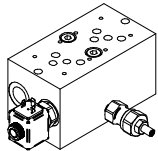
E_10 - 06 - 34 - ___ - 2



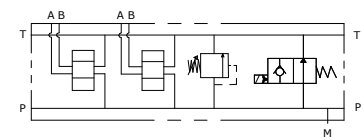
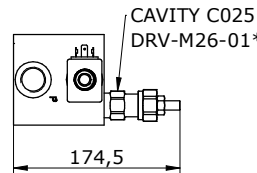
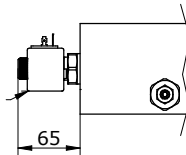
E_10 - 06 - 34 - ___ - 4



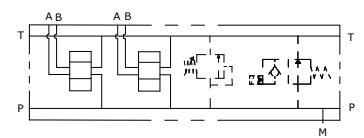
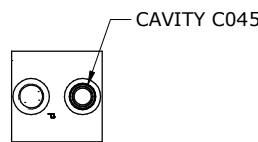
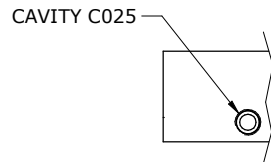
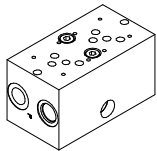
E_10 - 06 - 34 - ___ - 5



CAVITY C045
SVCP-S12-TS2*



E_10 - 06 - 34 - ___ - 6



E_10 - 06 - 34 - _____

S = STEEL
A = ALUMINIUM

MOUNTING POSITIONS: 01 ÷ 10

0 = WITHOUT RELIEF VALVE
1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY
4 = WITH R.V. AND V.V. READY
5 = WITH R.V. AND V.V.
6 = V.V. READY AND R.V. READY

0 = WITHOUT RELIEF VALVE
1 = 5-55 bar
2 = 25-110 bar
3 = 75-250 bar

H = HEX. HEAD SCREW **K** = KNOB **C** = COVER CAP NOT ADJUSTABLE

SEALS
N = BUNA
V = VITON

VENTING VALVE
000 = WITHOUT V.V.
TS2 = NORMALLY OPEN

VENTING VALVE
0 = NO MANUAL OVERRIDE
2 = PUSH AND TWIST
4 = PUSH BOTTOM

CONNECTOR TYPE
0 = WITHOUT COIL
C = CAVI / LEADS
D = DIN 43650
G = DEUTSCH DT04-2P
A = AMP JUNIOR

TENSIONE / VOLTAGE
000 = WITHOUT COIL
D12 = 12 VDC
D24 = 24 VDC
D26 = 26 VDC

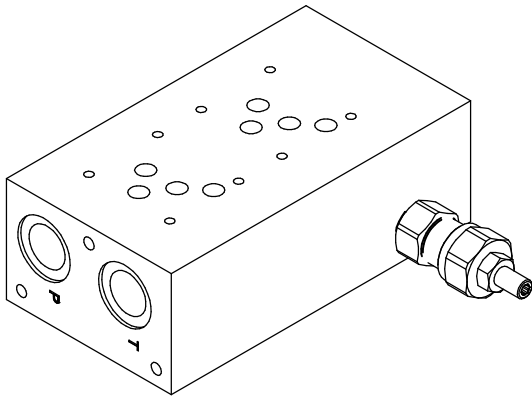
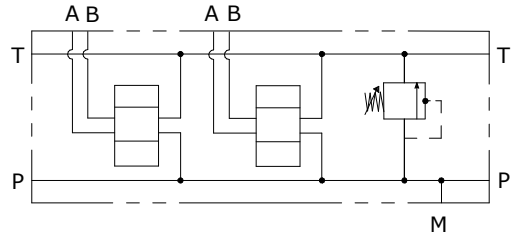
*see **CARTRIDGE VALVES** datasheets

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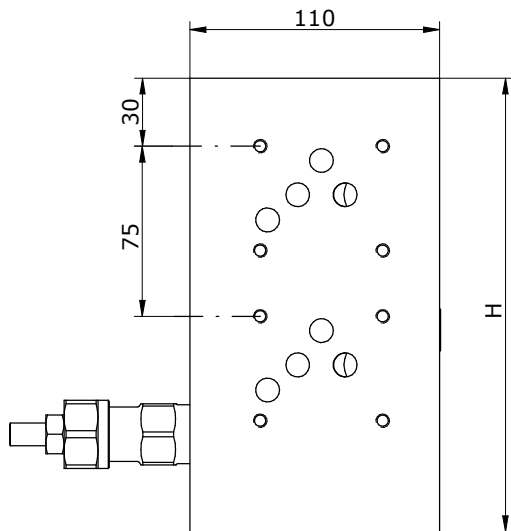
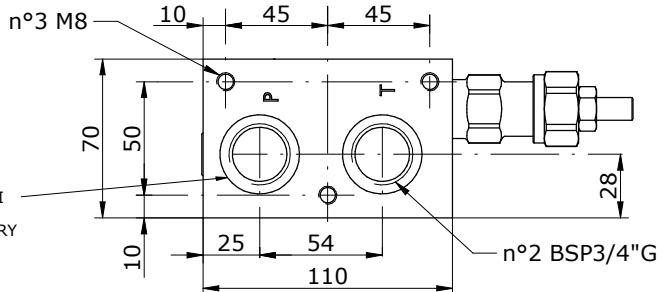
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MONOBLOCCO A-B POSTERIORI, P-T LATERALI 3/4"
MONOBLOCK A-B REAR PORTS, P-T ON SIDE 3/4"

Schema idraulico
 Hydraulic diagram



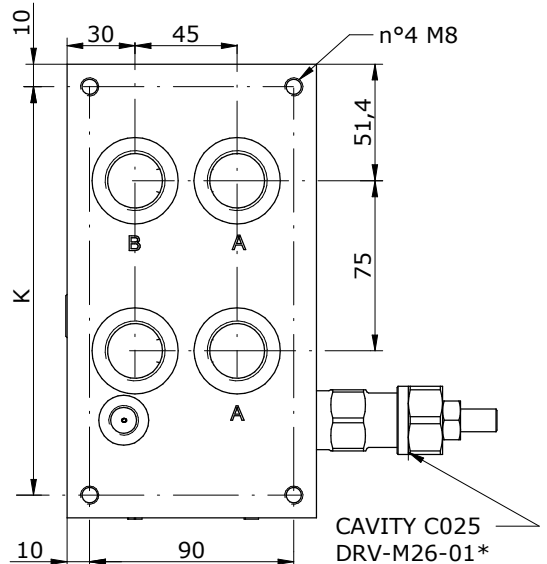
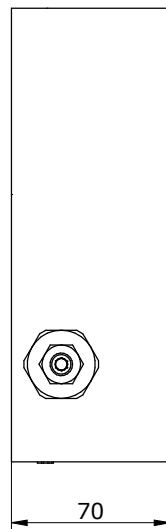
INTERFACCIA AUSILIARE SU ELEMENTI AGGIUNTIVI (USARE OR2137)
 INTERFACE FOR ADDITIONAL AUXILIARY ELEMENTS (USE OR2137)



TIPI DI REGOLAZIONE

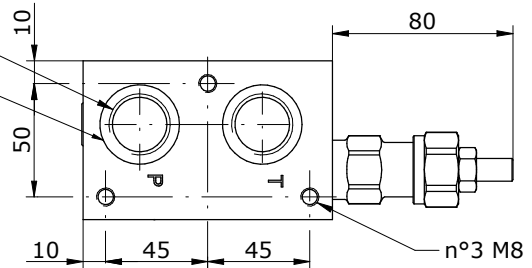
REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K	POHOLD KNOB
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE



n°2 BSP3/4"G

INTERFACCIA AUSILIARE SU ELEMENTI AGGIUNTIVI (USARE OR2137)
 INTERFACE FOR ADDITIONAL AUXILIARY ELEMENTS (USE OR2137)



POS.	02	03	04	05	06
H	200	275	350	425	500
K	180	255	330	405	480

E_10 - 05 -

S = STEEL
A = ALUMINIUM

12 = BSP 1/2G
34 = BSP 3/4G

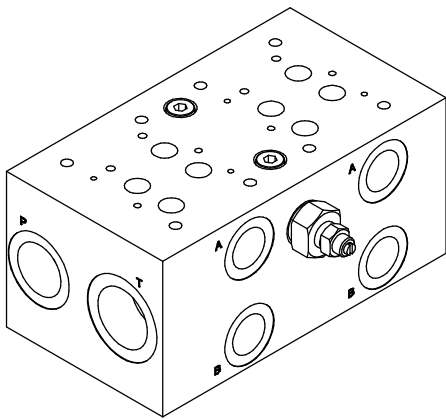
MOUNTING POSITIONS: 02 ÷ 06

0 = WITHOUT RELIEF VALVE
1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY

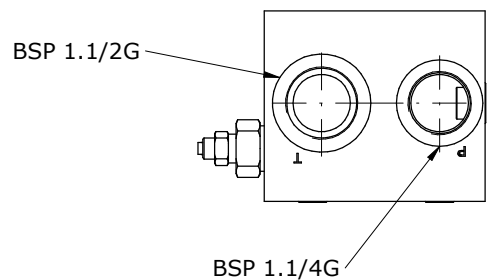
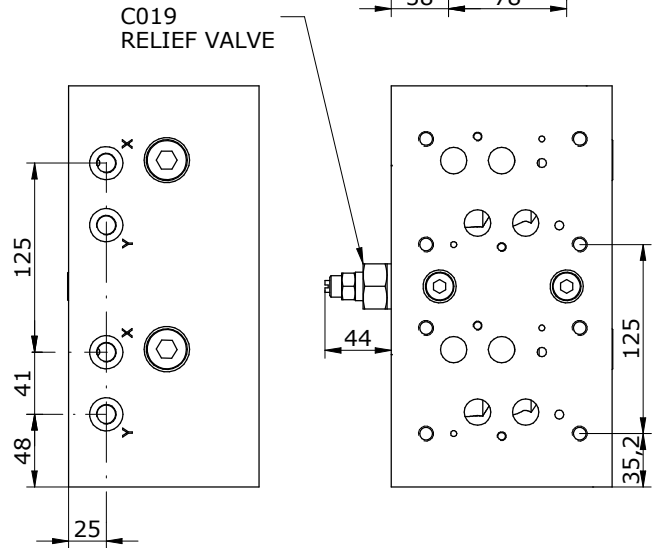
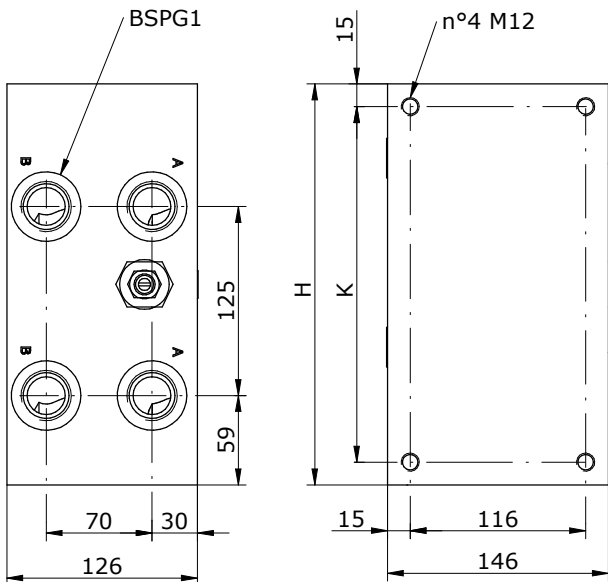
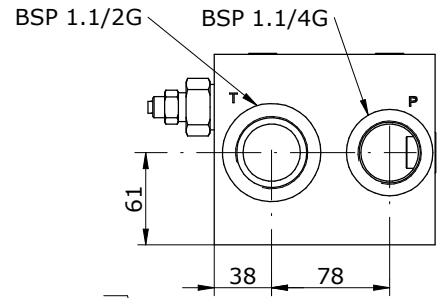
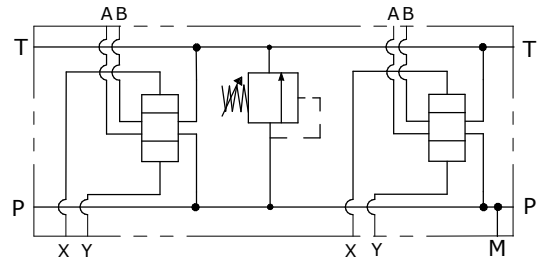
OMETTERE / OMIT
H = HEX. HEAD SCREW
K = KNOB
C = COVER CAP

0 = WITHOUT RELIEF VALVE
1 = 5-55 bar
2 = 25-110 bar
3 = 75-250 bar

*see **CARTRIDGE VALVES** datasheets



Schema idraulico
 Hydraulic diagram



POS.	02	03	04	05
H	265	390	515	640
K	235	360	485	610

E_ 16 - 06 - 100 - _ _ _

S = STEEL

MOUNTING POSITIONS: 02 ÷ 05

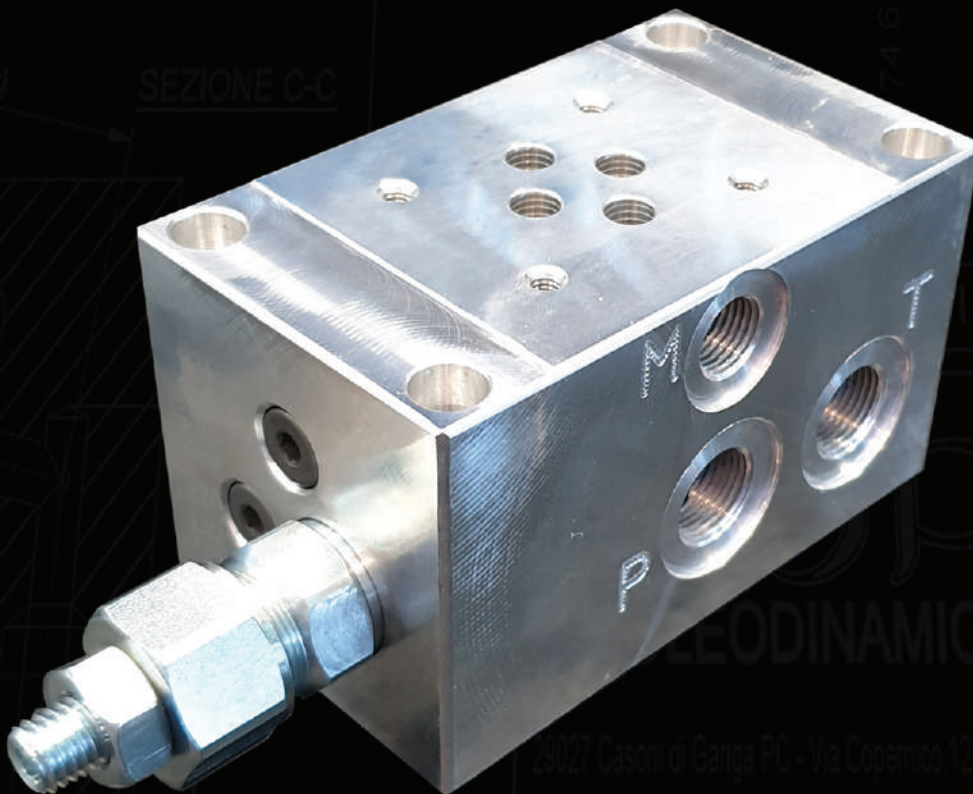
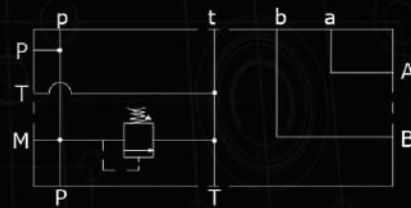
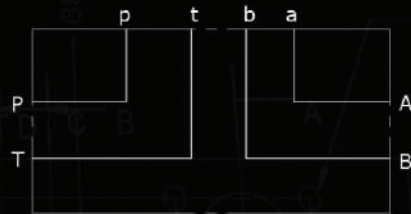
0 = WITHOUT RELIEF VALVE
 1 = 10-245 bar
 2 = 245-350 bar

0 = WITHOUT RELIEF VALVE
 1 = WITH RELIEF VALVE
 2 = RELIEF VALVE READY

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Sezione BASI SINGOLE CETOP

Section CETOP SUB-PLATES



SEZIONE C-C

20027 Cason di Ganga PC - Via Copernico, 12
Tel. 0523 520331 - Fax 0523 524809

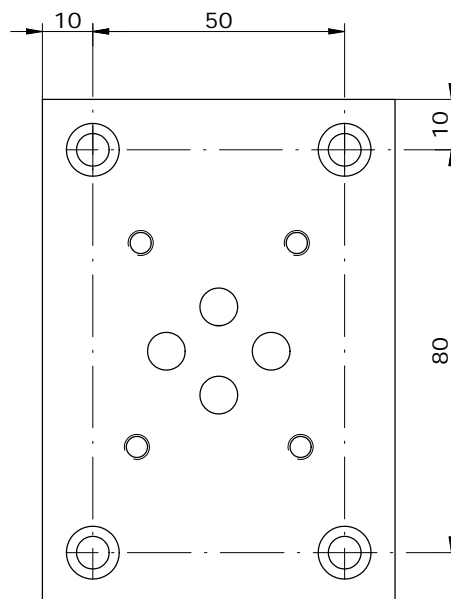
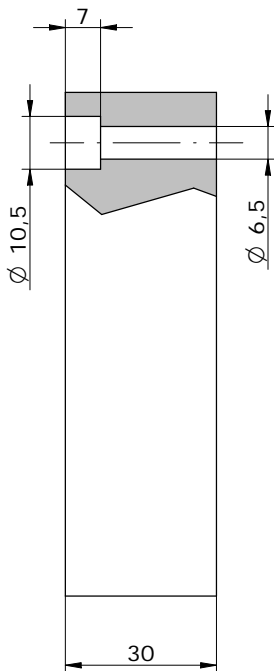
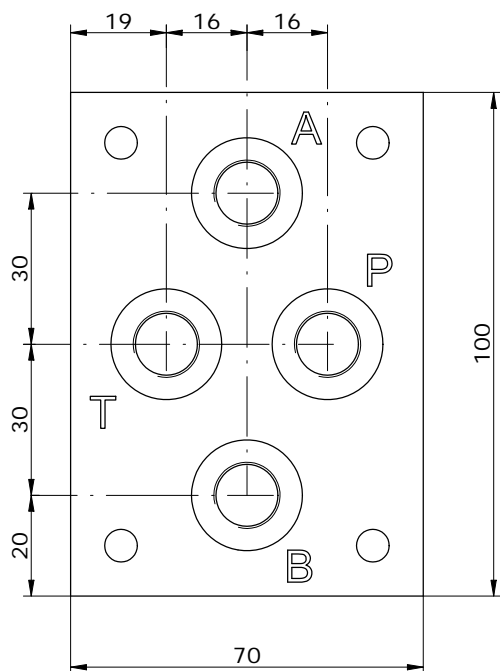
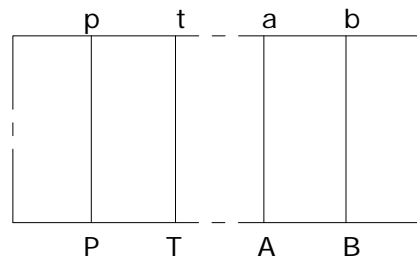
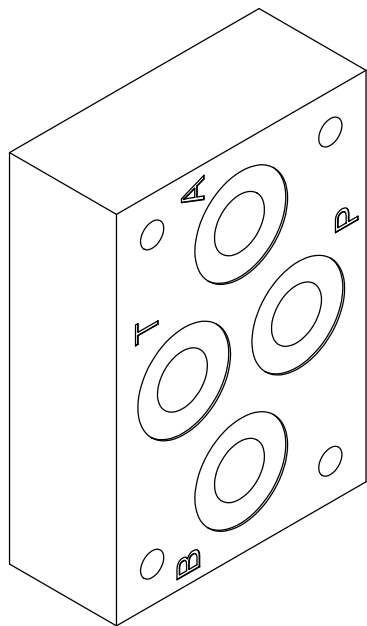
TOLLERANZA DI CARPENTERIA FINITO IN

TOLLERANZE GENERALI PER LAVORAZI

	0,1	0,2	0,3	0,4	0,5
ALBERI	+0,1	+0,2	+0,3	+0,4	+0,5
FORI	+0,1	+0,2	+0,3	+0,4	+0,5
ALTRA	+0,05	+0,1	+0,15	+0,2	+0,3

17/07/2014

Schema idraulico
 Hydraulic diagram

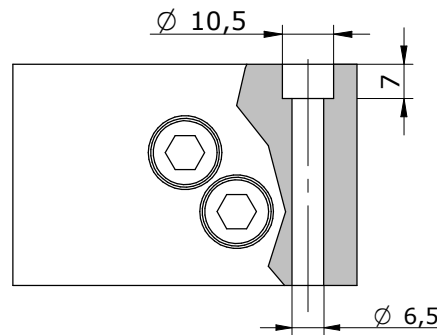
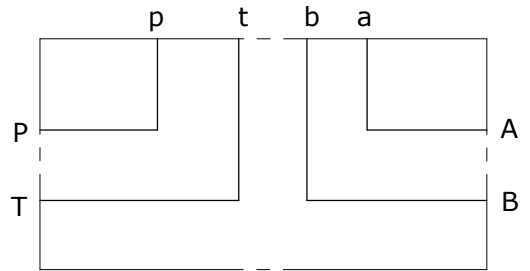
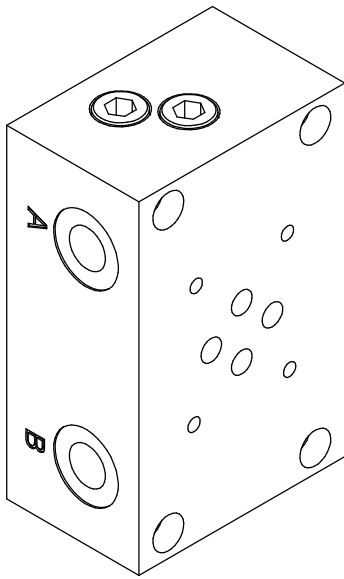


E_ 06 - 07 - _____

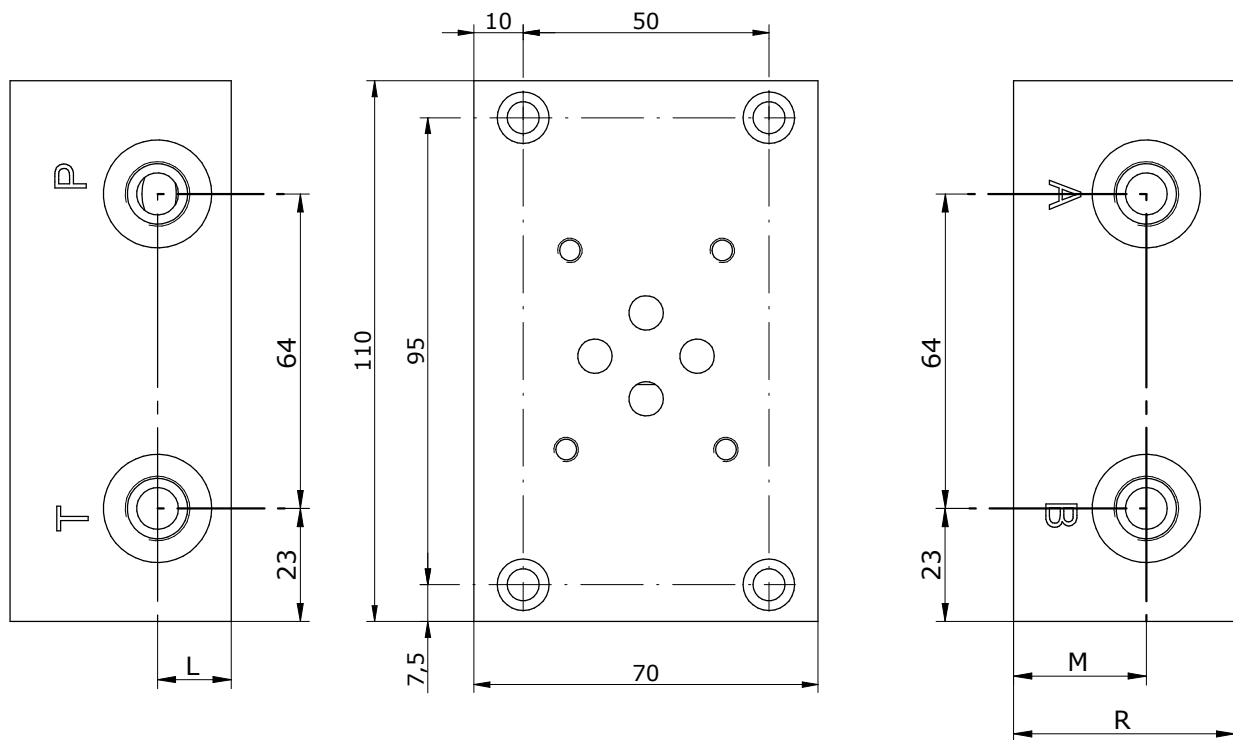
S = STEEL
A = ALUMINIUM

14 = BSP 1/4G
38 = BSP 3/8G
12 = BSP 1/2G

Schema idraulico
 Hydraulic diagram



VERSION	R	L	M
E_06-08-14	45	15	27
E_06-08-38	45	15	27
E_06-08-12	50	17	29

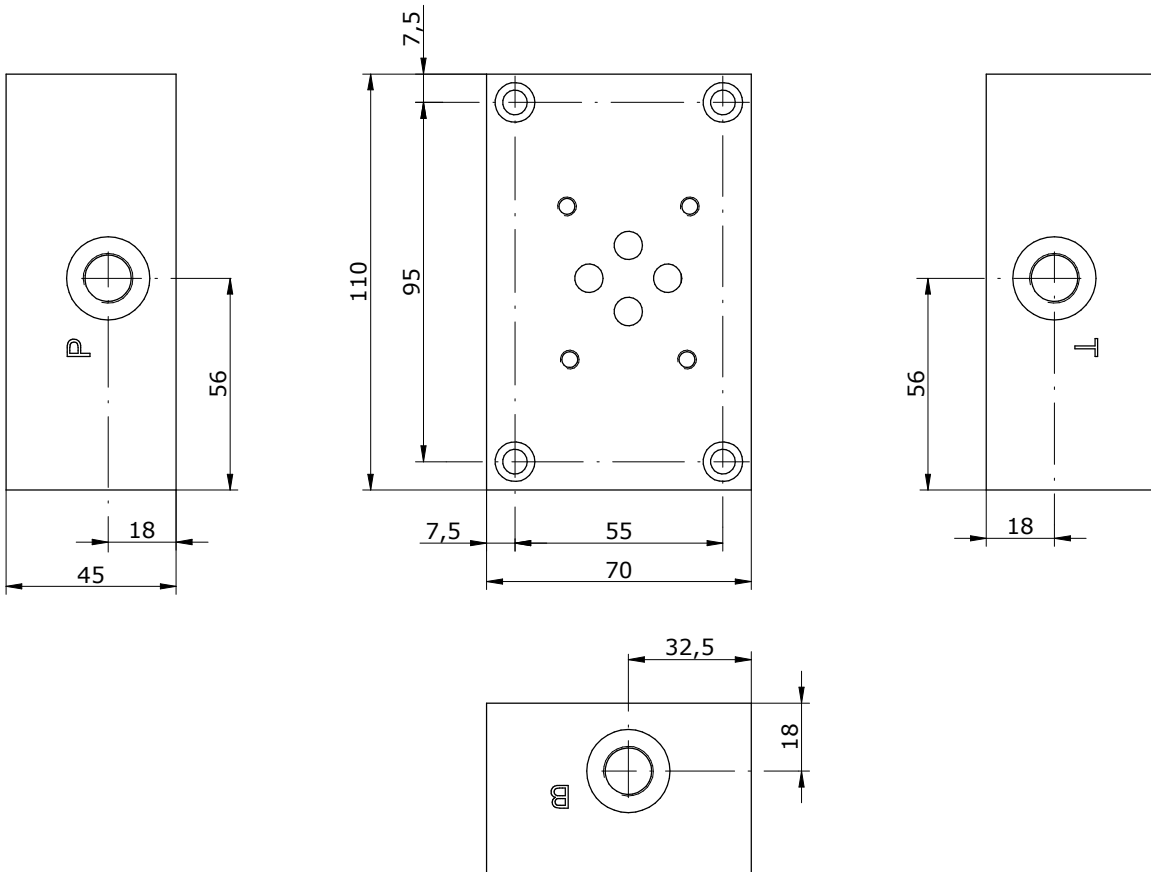
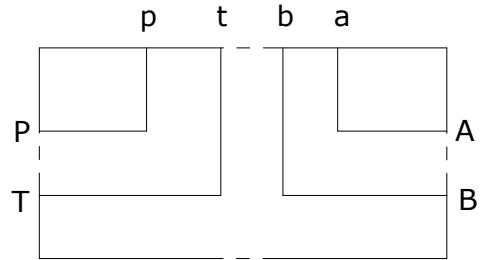
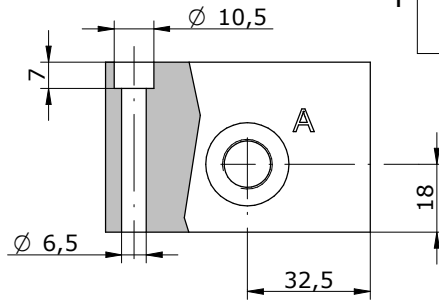
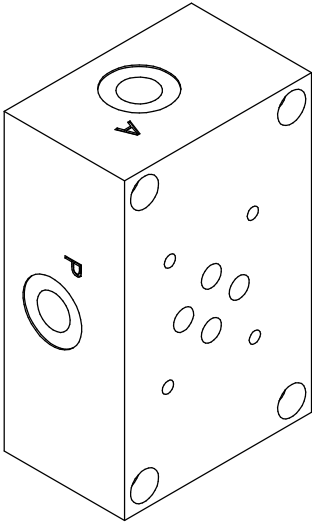


E_06 - 08 -

S = STEEL
A = ALUMINIUM

14 = BSP 1/4G
38 = BSP 3/8G
12 = BSP 1/2G

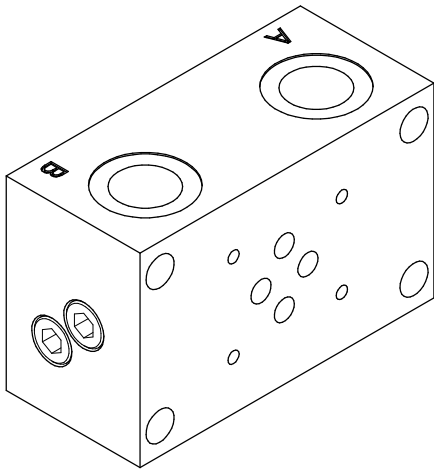
Schema idraulico
 Hydraulic diagram



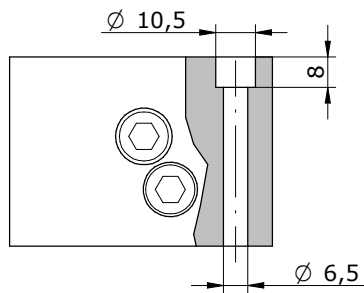
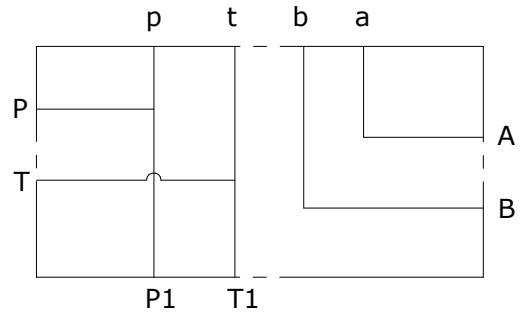
E_ 06 - 09 -

S = STEEL
A = ALUMINIUM

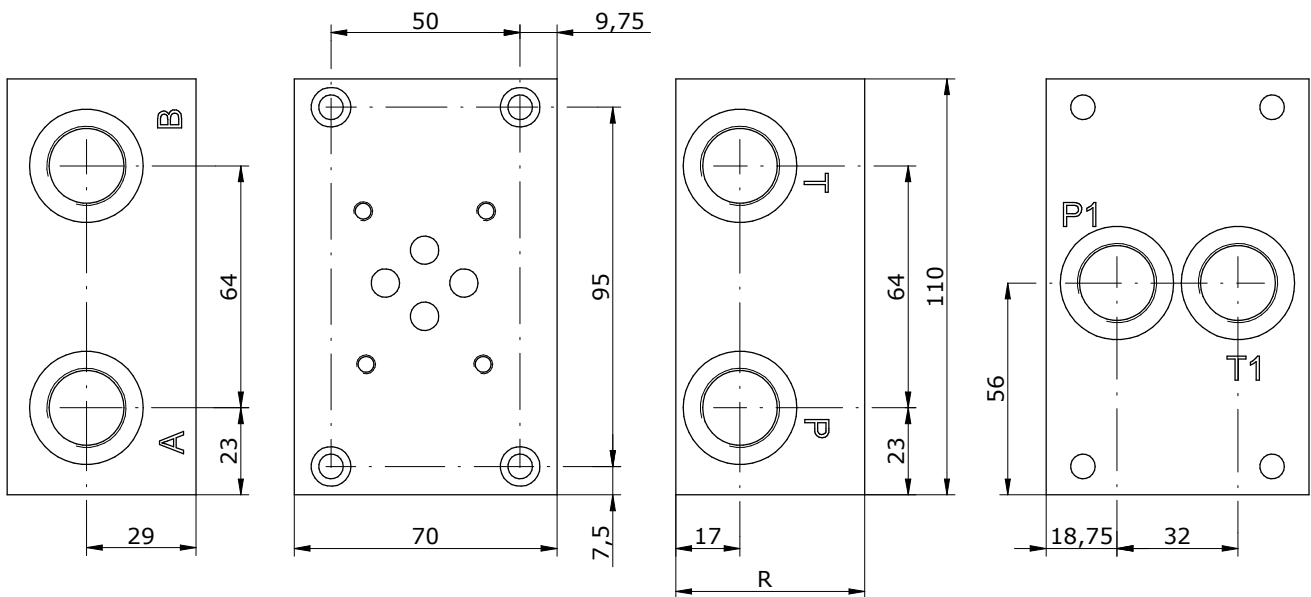
14 = BSP 1/4G
38 = BSP 3/8G
12 = BSP 1/2G



Schema idraulico
Hydraulic diagram



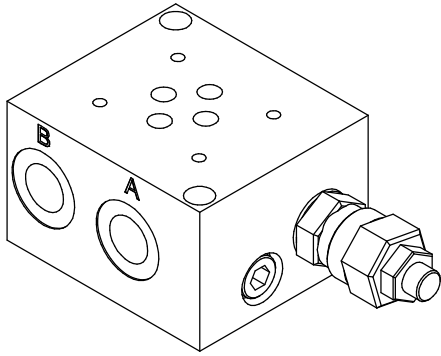
VERSION	R
E_06-16-38	45
E_06-16-12	50



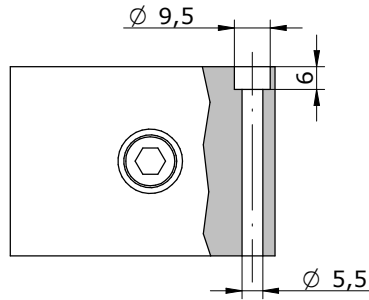
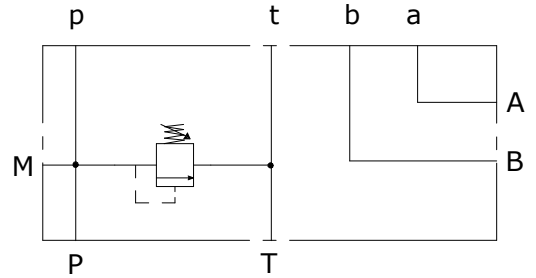
E_ 06 - 16 -

S = STEEL
A = ALUMINIUM

38 = BSP 3/8G
12 = BSP 1/2G



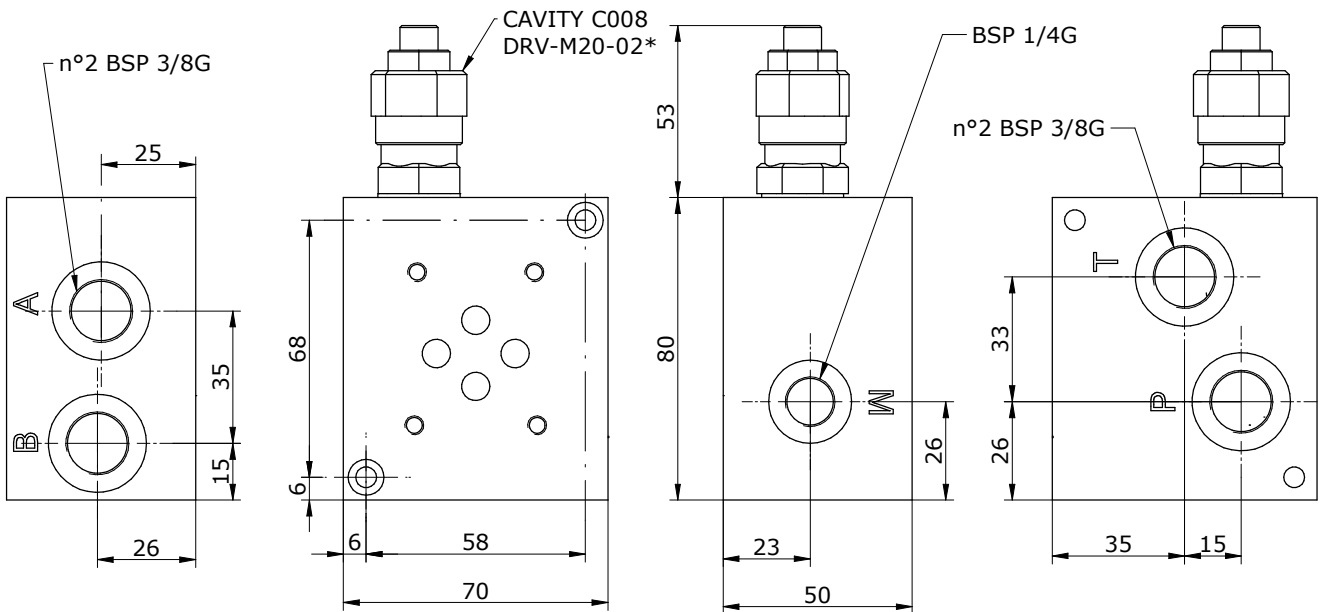
Schema idraulico
Hydraulic diagram



TIPI DI REGOLAZIONE

REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE(standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE



E_ 06 - 33 - 38 - - - -

S = STEEL
A = ALUMINIUM

0 = WITHOUT RELIEF VALVE (PLUGGED CAVITY)
1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY

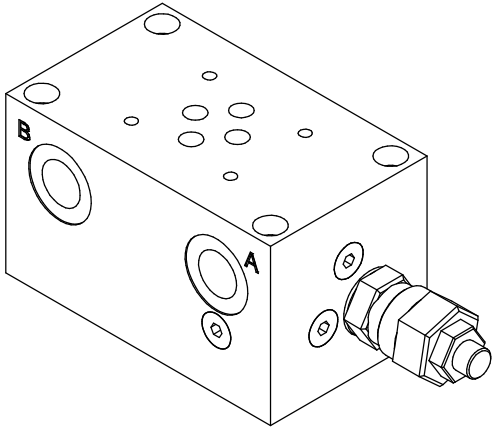
0 = WITHOUT RELIEF VALVE
H = HEXAGONAL HEAD SCREW
K = KNOB
C = COVER CAP NOT ADJUSTABLE

0 = WITHOUT R.V.
1 = 5-55 bar
2 = 25-110 bar
3 = 50-215 bar
4 = 100-350 bar
5 = 100-420 bar

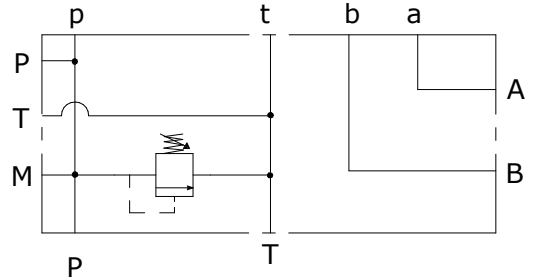
*see **CARTRIDGE VALVES** datasheets

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Fax +39 0523 524509



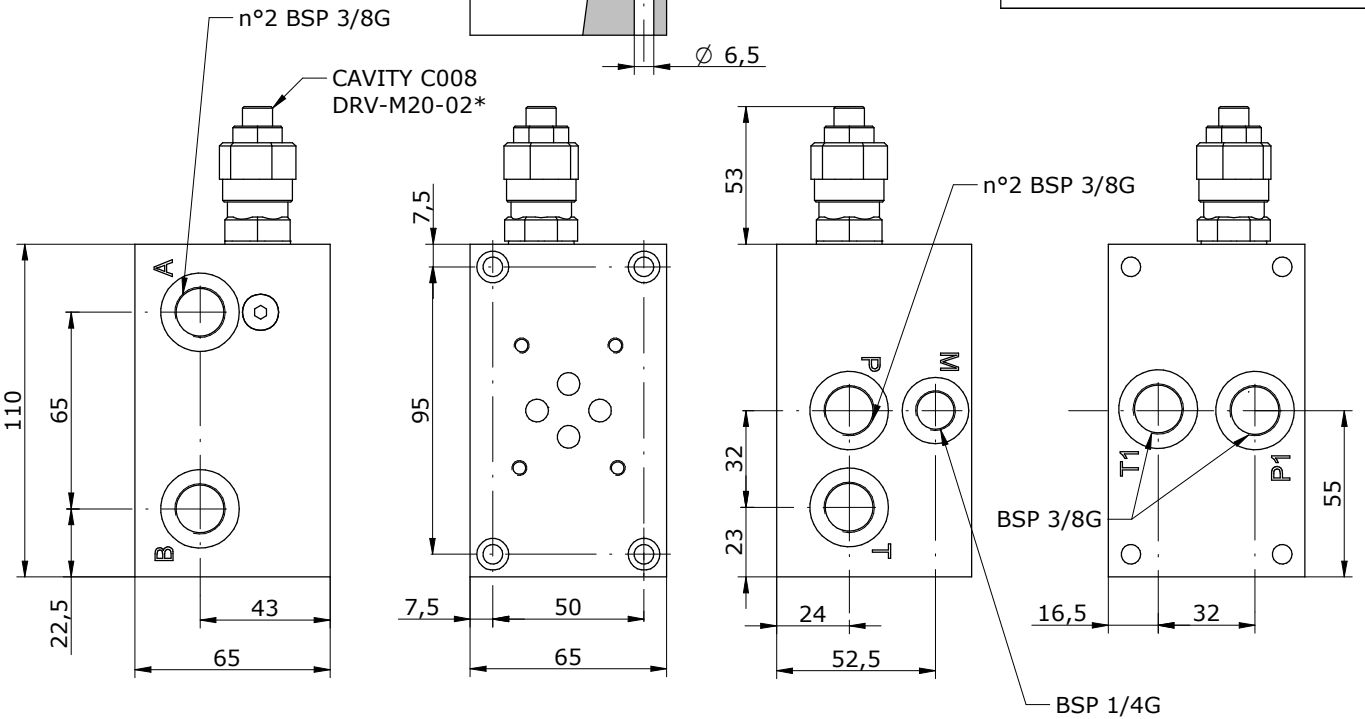
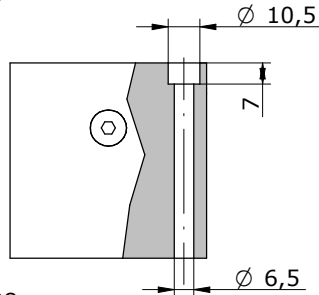
Schema idraulico
 Hydraulic diagram



TIPI DI REGOLAZIONE

REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE(standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE



E_ 06 - 10 - 38 - - - -

S = STEEL
A = ALUMINIUM

0 = WITHOUT RELIEF VALVE (PLUGGED CAVITY)
1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY

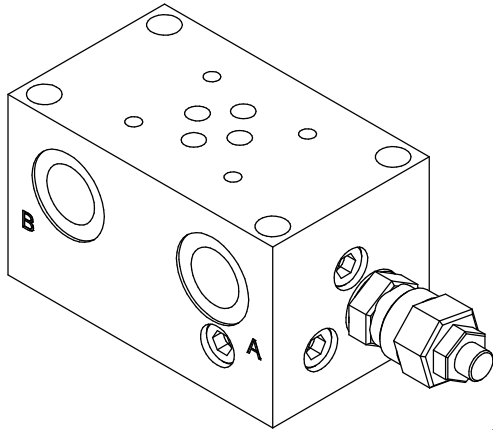
0 = WITHOUT RELIEF VALVE
H = HEXAGONAL HEAD SCREW
K = KNOB
C = COVER CAP NOT ADJUSTABLE

0 = WITHOUT R.V.
1 = 5-55 bar
2 = 25-110 bar
3 = 50-215 bar
4 = 100-350 bar
5 = 100-420 bar

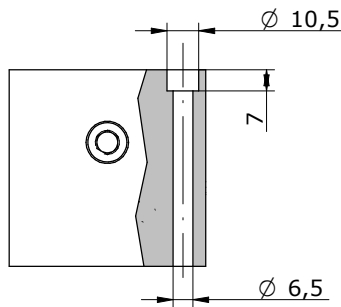
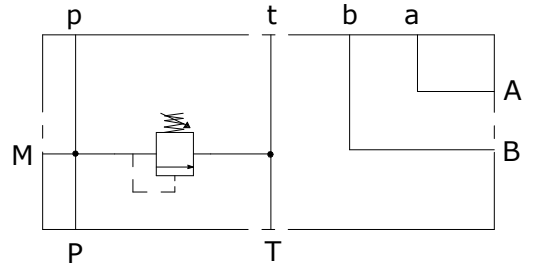
*see **CARTRIDGE VALVES** datasheets

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Schema idraulico
Hydraulic diagram

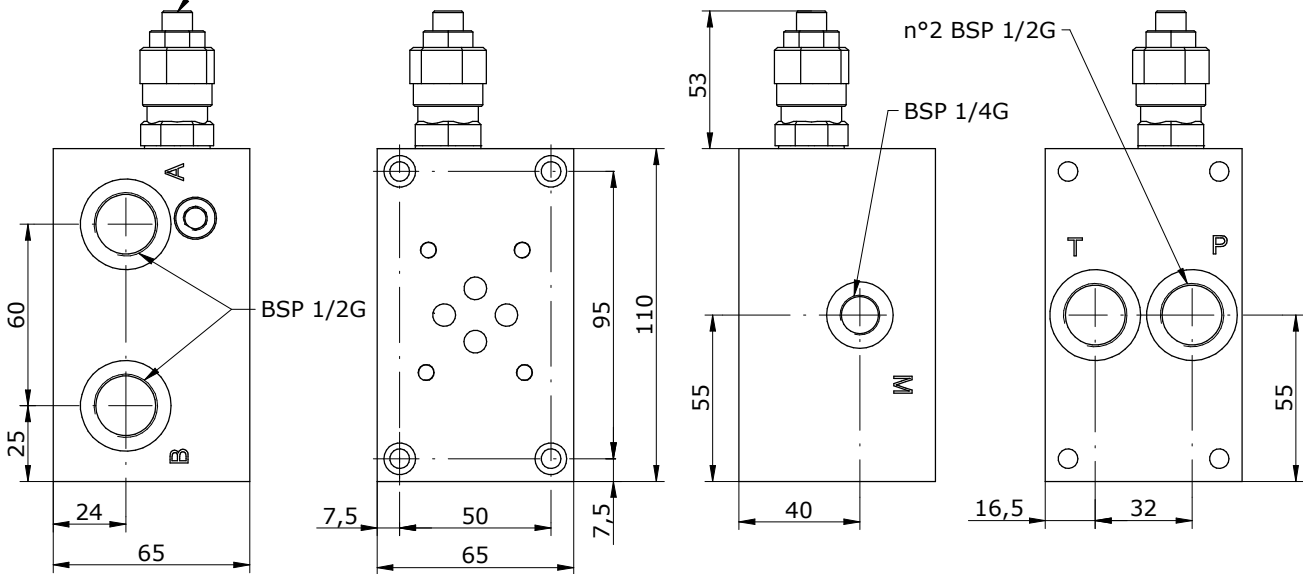


TIPI DI REGOLAZIONE

REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE(standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE

CAVITY C008
DRV-M20-02*



E_06 - 10 - 12 - - - -

S = STEEL
A = ALUMINIUM

0 = WITHOUT RELIEF VALVE (PLUGGED CAVITY)
1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY

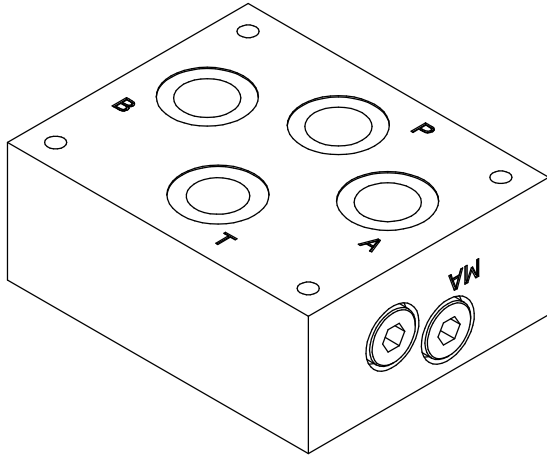
0 = WITHOUT RELIEF VALVE
H = HEXAGONAL HEAD SCREW
K = KNOB
C = COVER CAP NOT ADJUSTABLE

0 = WITHOUT R.V.
1 = 5-55 bar
2 = 25-110 bar
3 = 50-215 bar
4 = 100-350 bar
5 = 100-420 bar

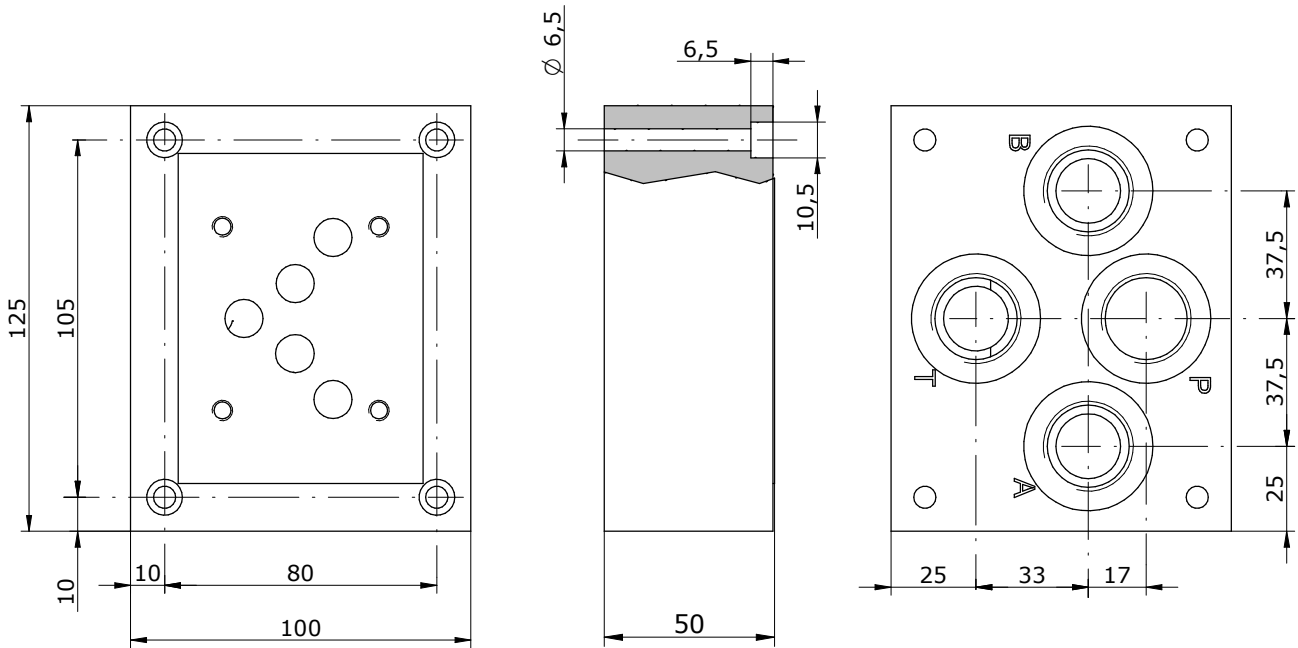
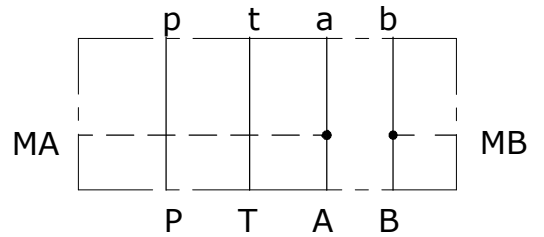
*see **CARTRIDGE VALVES** datasheets

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Fax +39 0523 524509



Schema idraulico
 Hydraulic diagram



E_ 10 - 01 - _____

S = STEEL

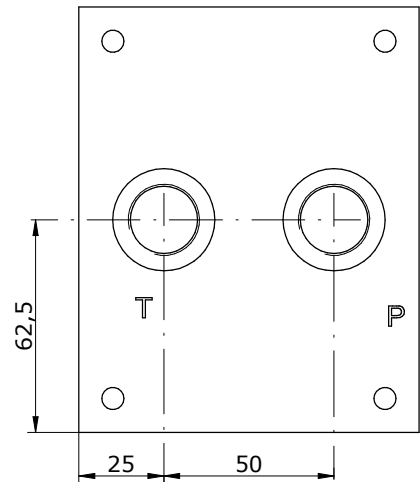
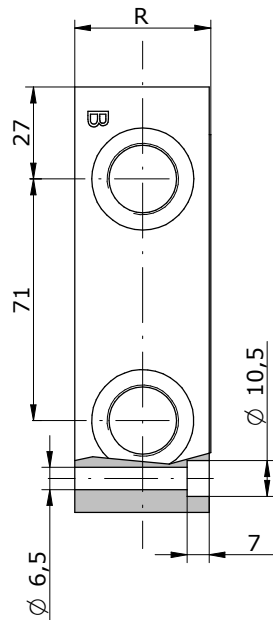
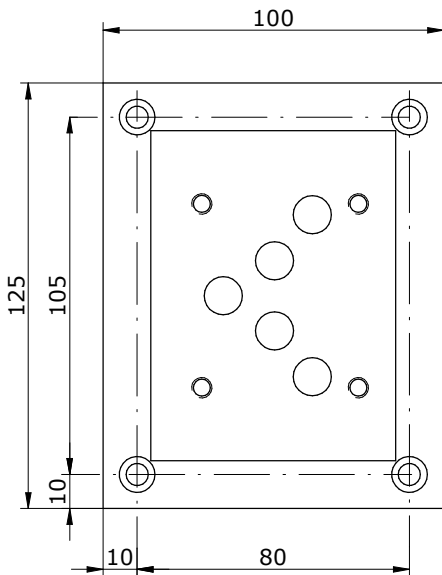
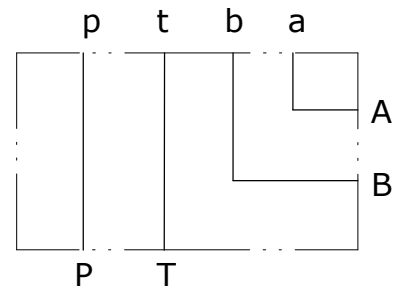
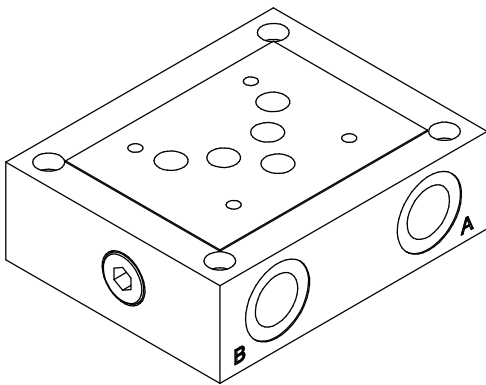
12 = BSP 1/2G

34 = BSP 3/4G

BASE SINGOLA CETOP 5 CON UTILIZZI A-B LATERALI, P-T POSTERIORI
CETOP 5 SUB-PLATE WITH A-B ON SIDE PORTS, P-T REAR

OLEODINAMICA
2mp

Schema idraulico
 Hydraulic diagram



VERSION	R
E_10-03-12	40
E_10-03-34	45

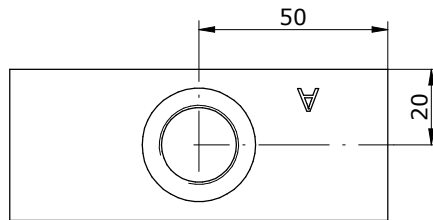
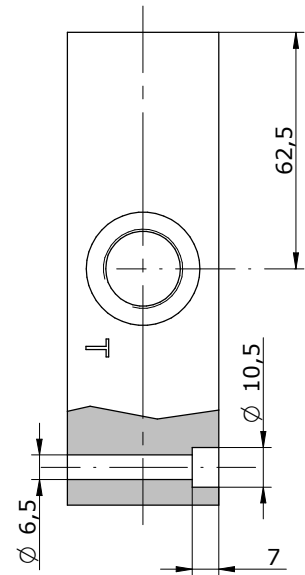
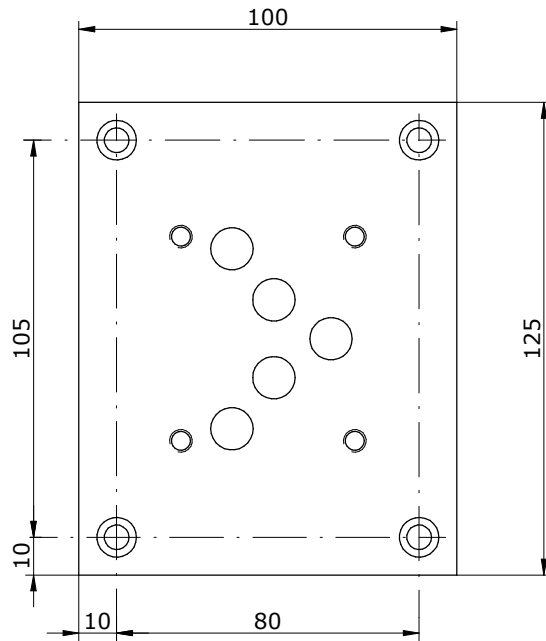
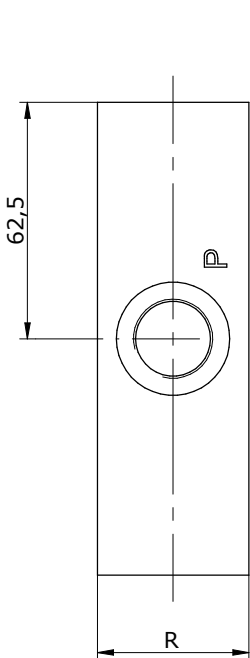
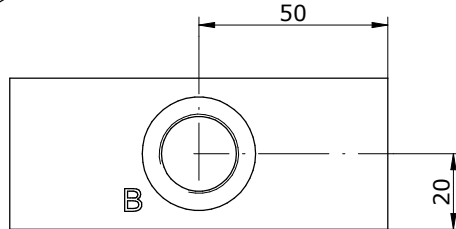
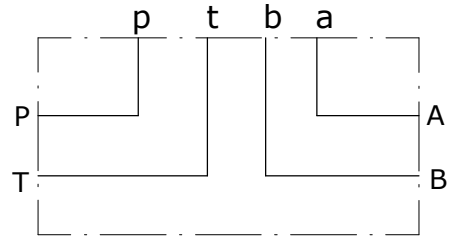
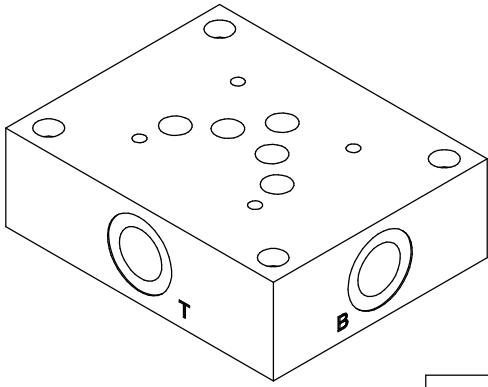
E_ 10 - 03 -

S = STEEL

12 = BSP 1/2G

34 = BSP 3/4G

Schema idraulico
Hydraulic diagram

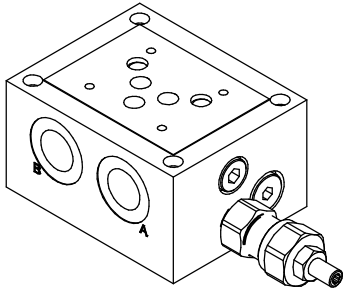


VERSION	R
E_10-02-12	40
E_10-02-34	45

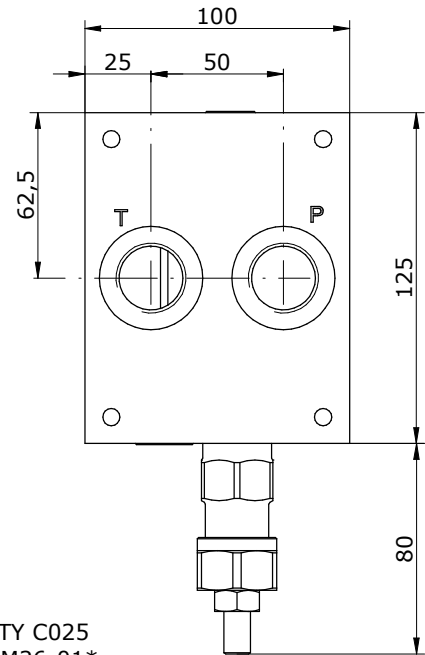
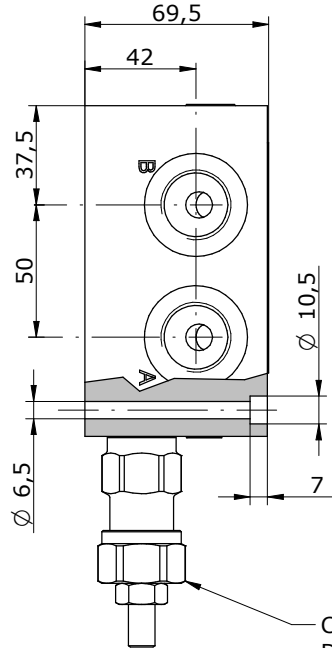
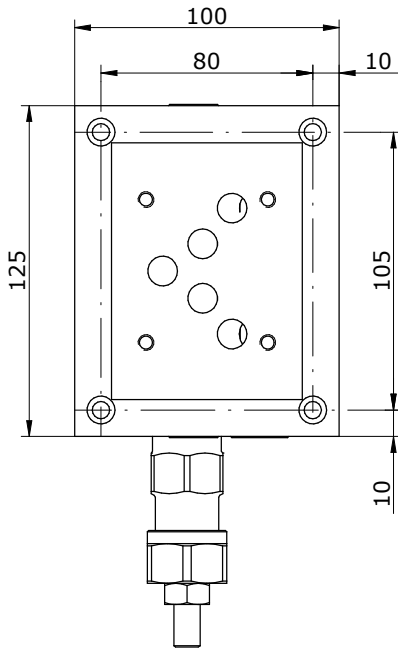
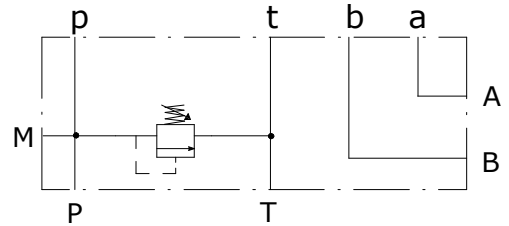
E_ 10 - 02 -

S = STEEL

**12 = BSP 1/2G
34 = BSP 3/4G**






Schema idraulico
 Hydraulic diagram

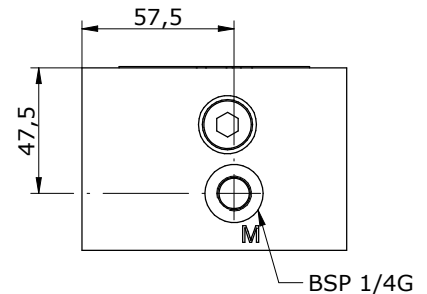


CAVITY C025
 DRV-M26-01*

TIPI DI REGOLAZIONE

REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE(standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE



E_ 10 - 04 - - - - -

S = STEEL
A = ALUMINIUM

12 = BSP 1/2G
34 = BSP 3/4G

0 = WITHOUT RELIEF VALVE (PLUGGED CAVITY)
1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY

0 = WITHOUT RELIEF VALVE
H = HEXAGONAL HEAD SCREW
K = KNOB
C = COVER CAP NOT
 ADJUSTABLE

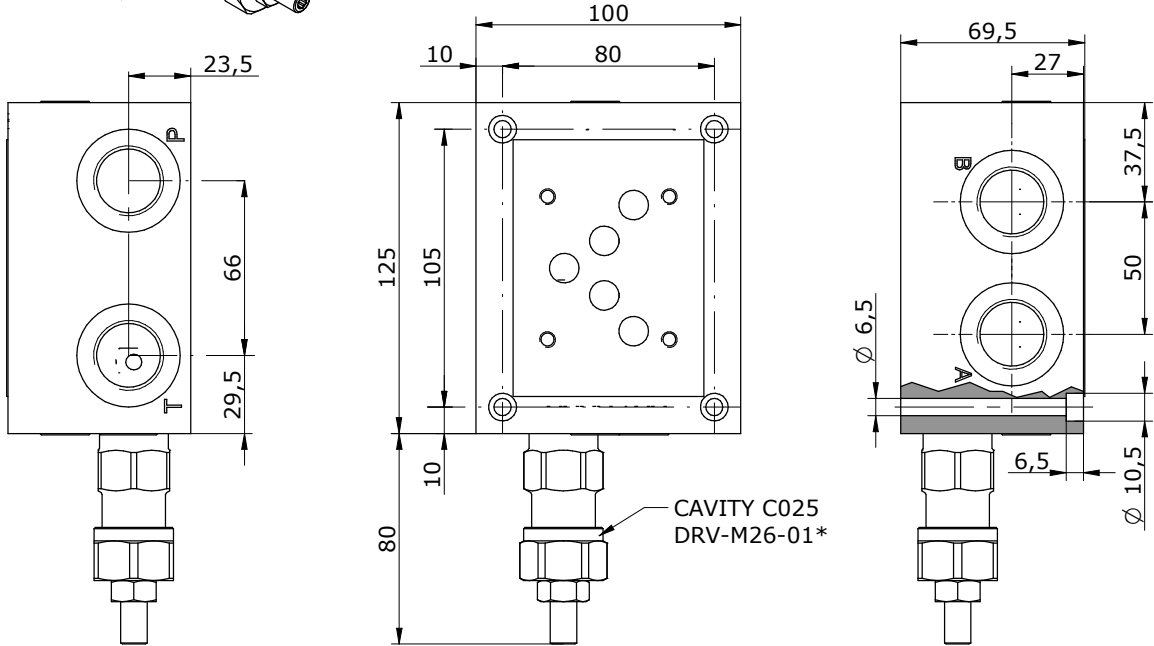
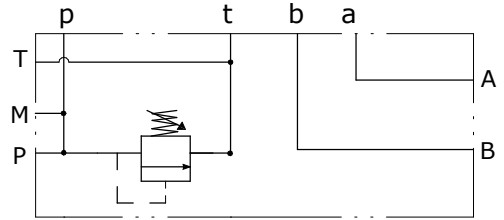
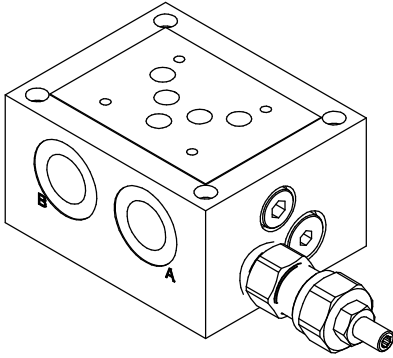
0 = WITHOUT RELIEF VALVE
1 = 5-55 bar
2 = 25-110 bar
3 = 75-250 bar

*see **CARTRIDGE VALVES** datasheets

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 Fax +39 0523 524509

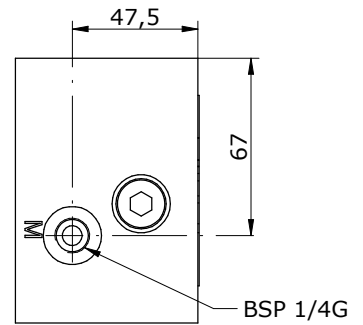
Schema idraulico
 Hydraulic diagram



TIPI DI REGOLAZIONE

REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE(standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE



E_ 10 - 08 - - - -

S = STEEL
A = ALUMINIUM

12 = BSP 1/2G
34 = BSP 3/4G

0 = WITHOUT RELIEF VALVE (PLUGGED CAVITY)
1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY

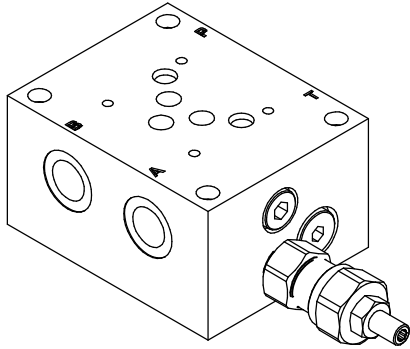
0 = WITHOUT RELIEF VALVE
H = HEXAGONAL HEAD SCREW
K = KNOB
C = COVER CAP NOT ADJUSTABLE

0 = WITHOUT RELIEF VALVE
1 = 5-55 bar
2 = 25-110 bar
3 = 75-250 bar

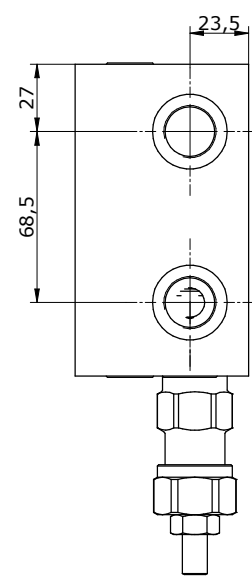
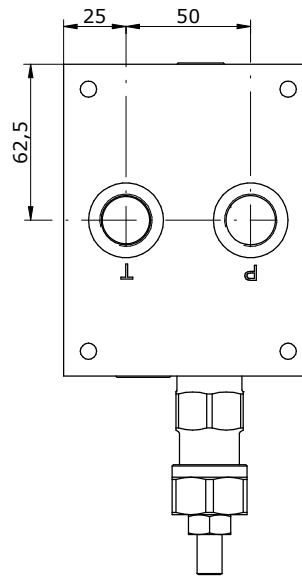
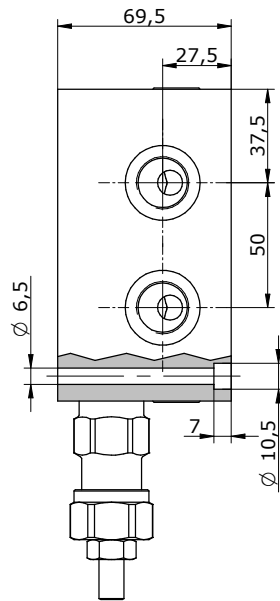
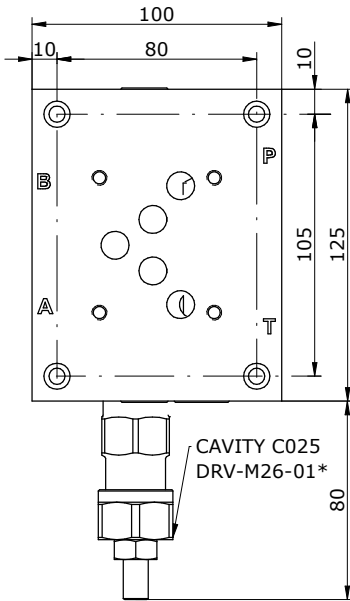
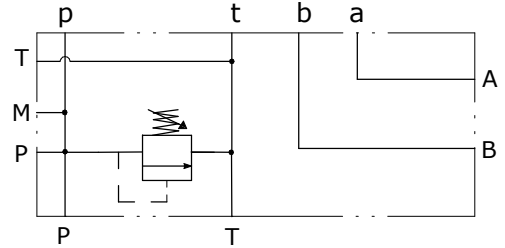
*see **CARTRIDGE VALVES** datasheets

BASE SINGOLA CETOP 5 CON UTILIZZI A-B-P-T LATERALI, P-T POSTERIORI
CETOP 5 SUB-PLATE WITH A-B-P-T ON SIDE PORTS, P-T REAR

OLEODINAMICA
2mp



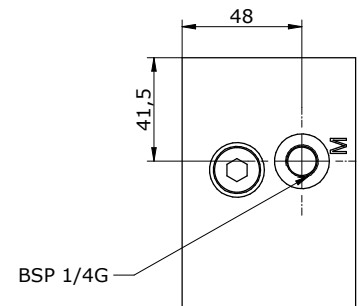
Schema idraulico
 Hydraulic diagram



TIPI DI REGOLAZIONE

REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE(standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE



E_ 10 - 09 - - - -

S = STEEL
A = ALUMINIUM

12 = BSP 1/2G
34 = BSP 3/4G

0 = WITHOUT RELIEF VALVE (PLUGGED CAVITY)
1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY

0 = WITHOUT RELIEF VALVE
H = HEXAGONAL HEAD SCREW
K = KNOB
C = COVER CAP NOT ADJUSTABLE

0 = WITHOUT RELIEF VALVE
1 = 5-55 bar
2 = 25-110 bar
3 = 75-250 bar

*see **CARTRIDGE VALVES** datasheets

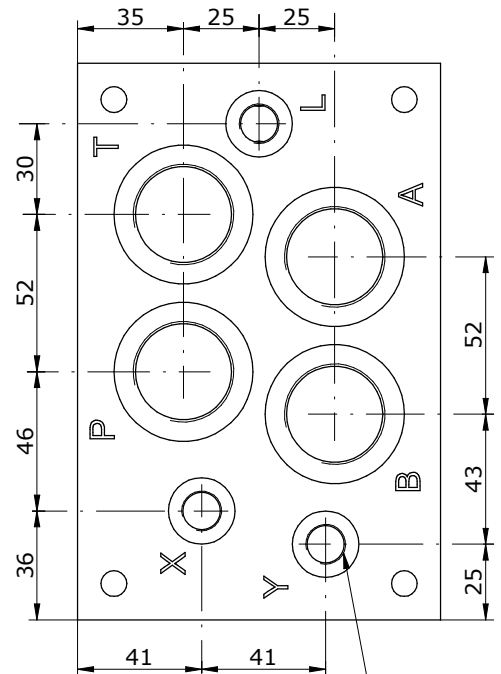
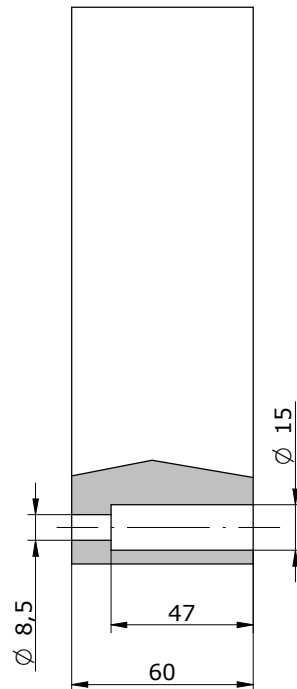
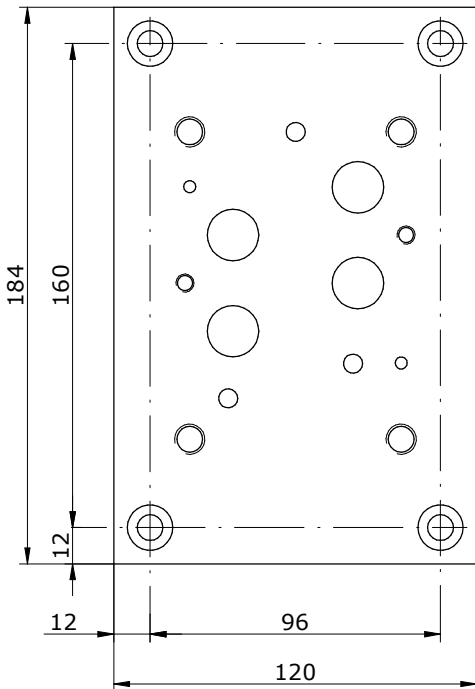
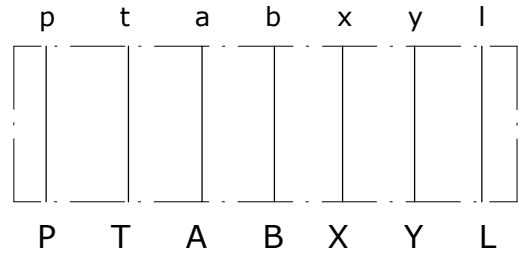
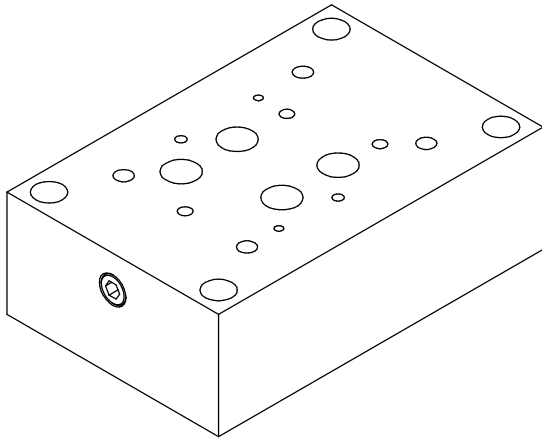
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BASE SINGOLA CETOP 7 CON UTILIZZI A-B-P-T-X-Y POSTERIORI
CETOP 7 SUB-PLATE WITH A-B-P-T-X-Y REAR PORTS

OLEODINAMICA
2mp

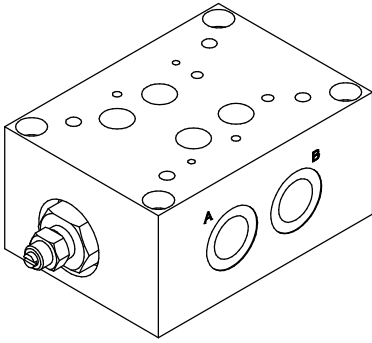
Schema idraulico
 Hydraulic diagram



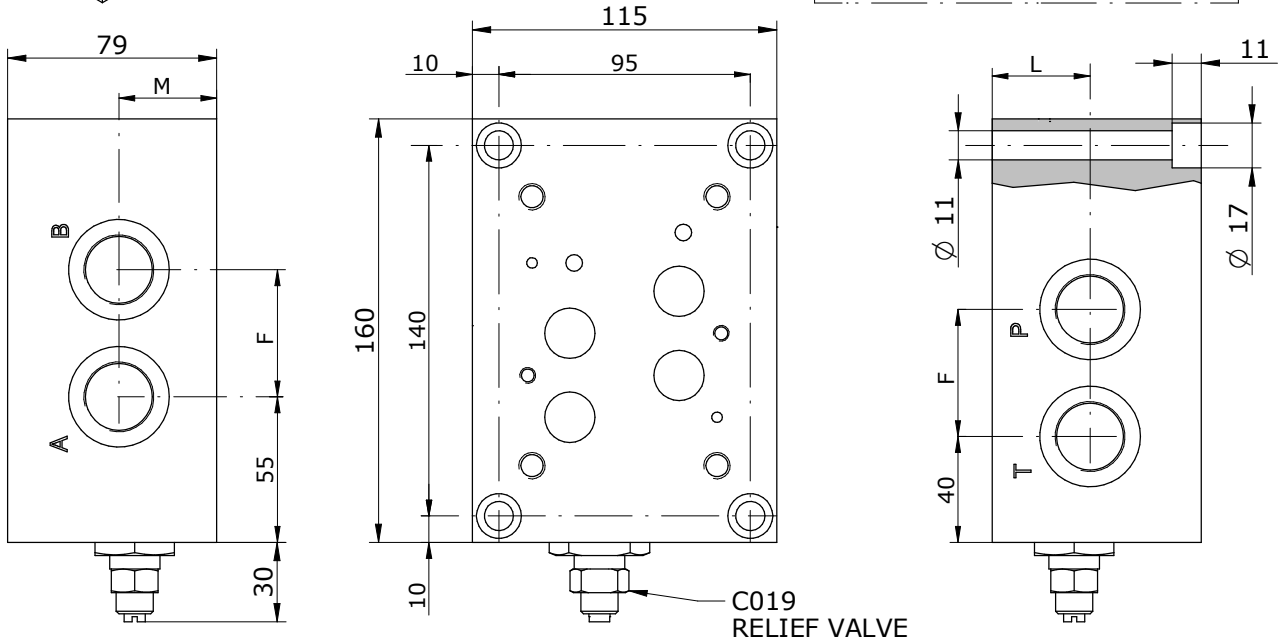
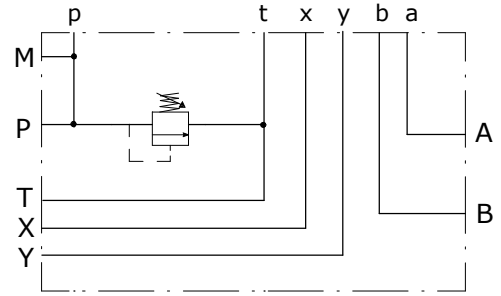
E_ 16 - 01 -

S = STEEL

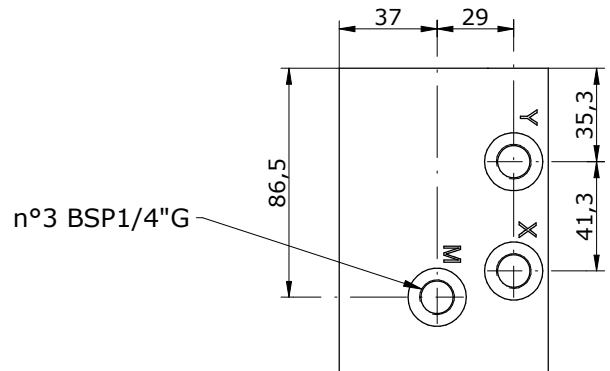
100 = BSP 1G



Schema idraulico
 Hydraulic diagram



VERSION	L	M	F
E_16-02-100	37	40	56
E_16-02-114	33	33	65



E_16 - 02 - _____

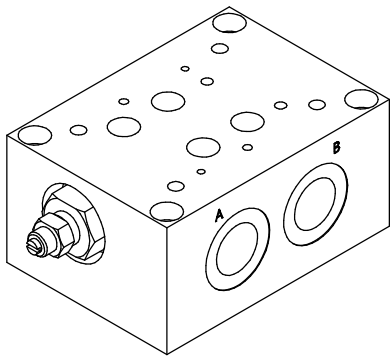
S = STEEL

100 = BSP 1G
114 = BSP 1.1/4G

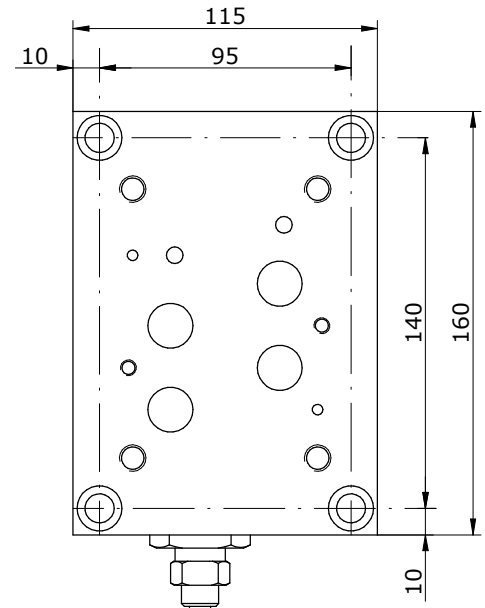
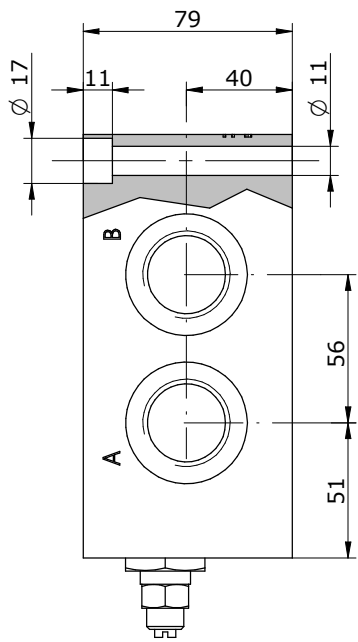
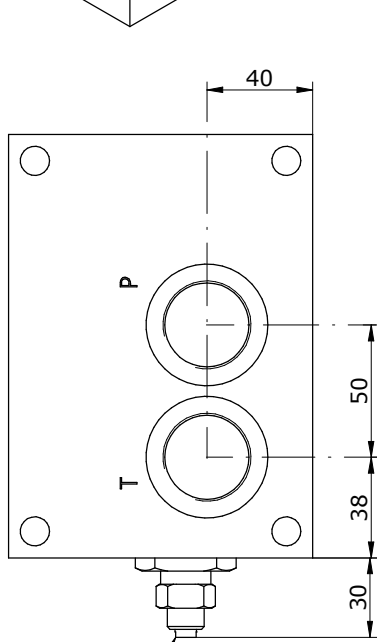
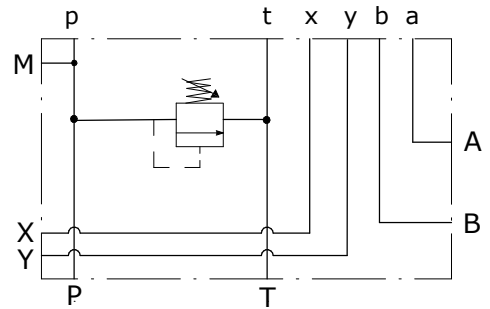
0 = WITHOUT RELIEF VALVE (PLUGGED CAVITY)
1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY

0 = WITHOUT RELIEF VALVE
1 = 10-245 bar
2 = 240-350 bar

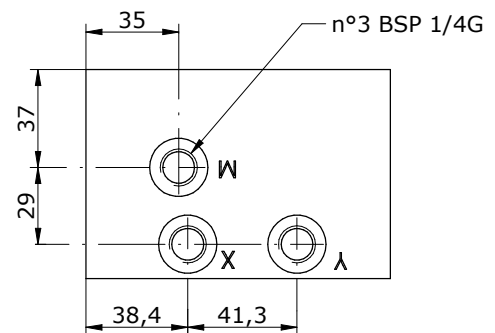
**BASE SINGOLA CETOP 7 CON UTILIZZI A-B-X-Y LATERALI,
P - T POSTERIORI
CETOP 7 SUB-PLATE WITH A-B-X-Y ON SIDE PORTS,
P - T REAR PORTS**



Schema idraulico
Hydraulic diagram



C019
RELIEF VALVE



E_ 16 - 05 - - - -

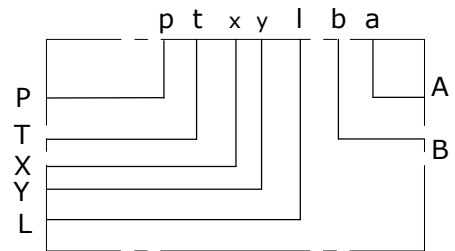
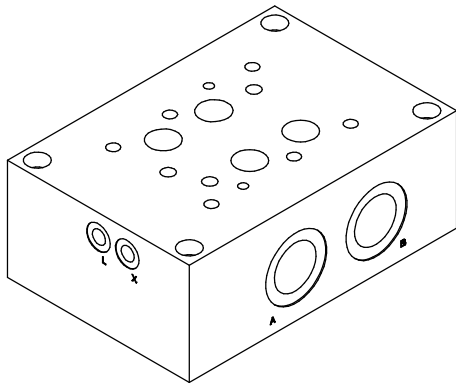
S = STEEL

100 = BSP 1G
114 = BSP 1.1/4G

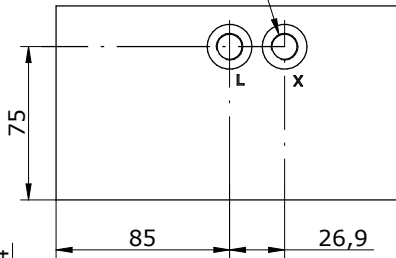
0 = WITHOUT RELIEF VALVE (PLUGGED CAVITY)
1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY

0 = WITHOUT RELIEF VALVE
1 = 10-245 bar
2 = 240-350 bar

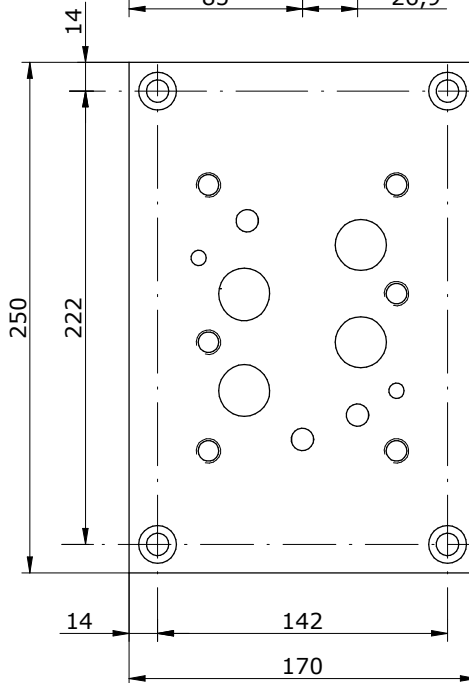
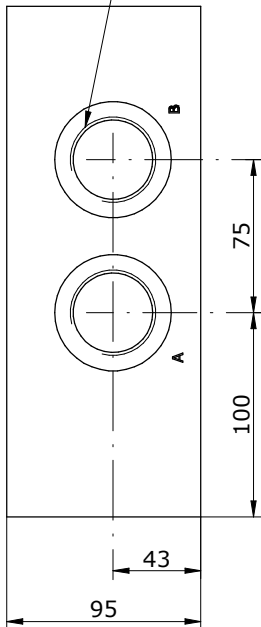
Schema idraulico
 Hydraulic diagram



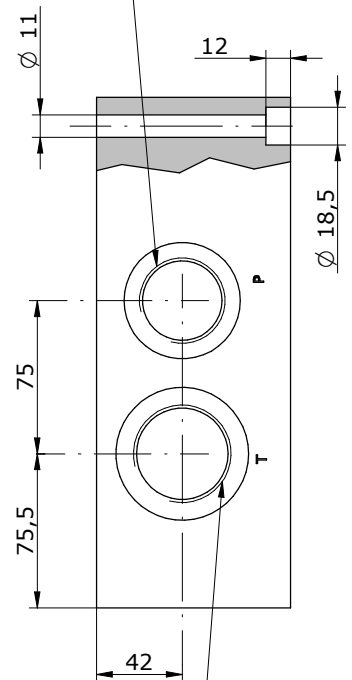
n°2 BSP 1/4G



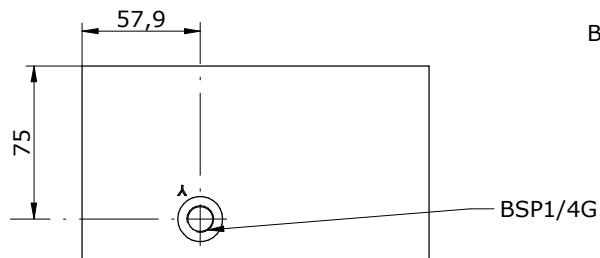
n°2 BSP 1.1/4G



BSP 1.1/4G



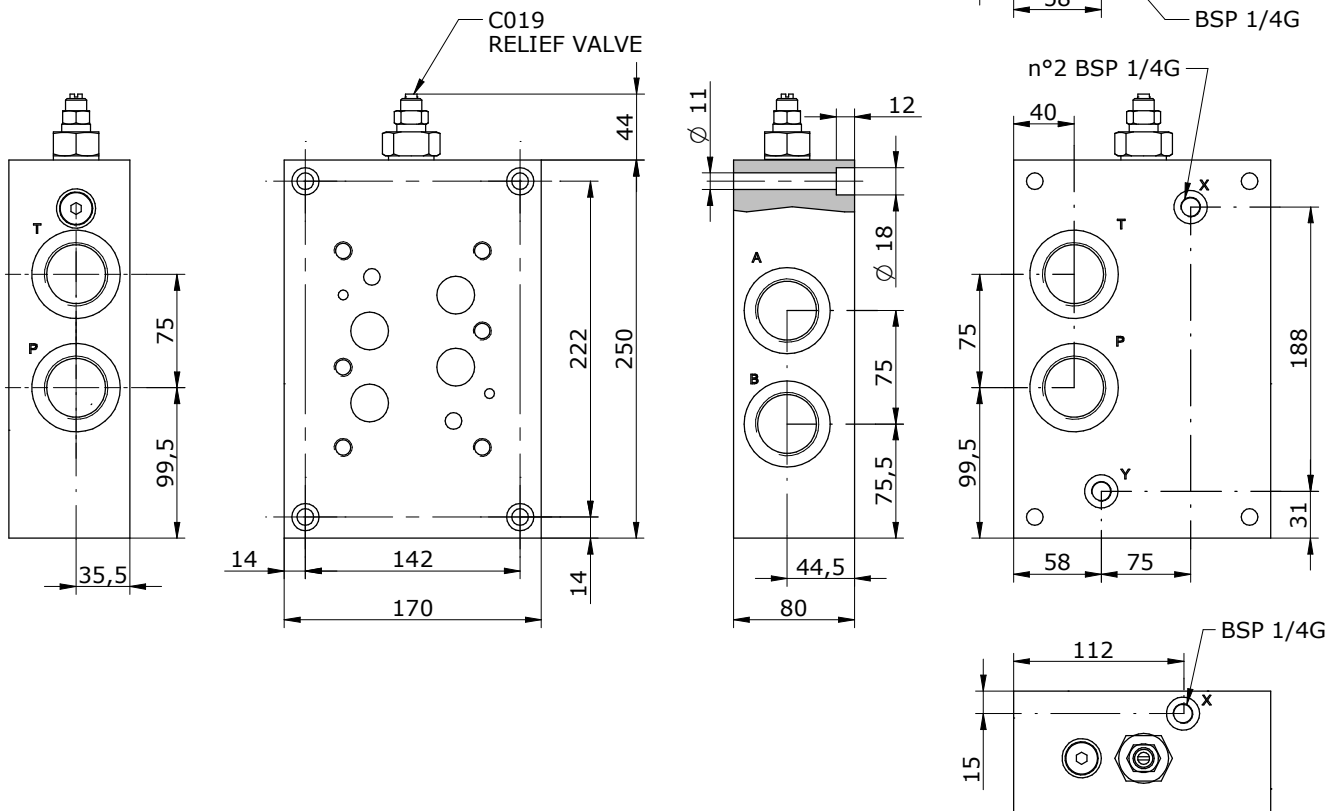
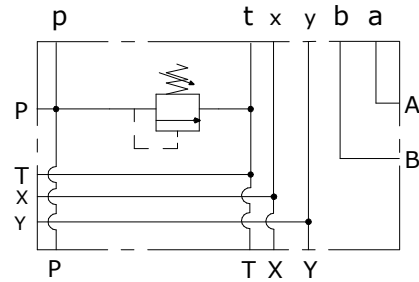
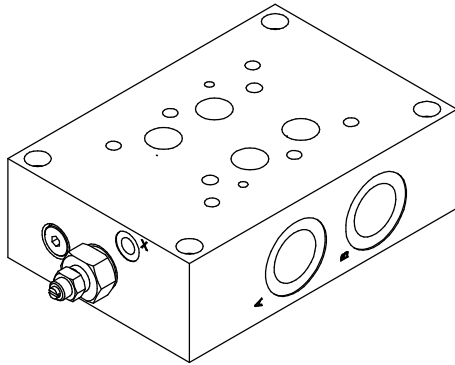
BSP 1.1/2G



E_ 25 - 05 - 114

S = STEEL

Schema idraulico
 Hydraulic diagram



E_ 25 - 01 - - - -

S = STEEL

114 = 1.1/4G

112 = 1.1/2G

0 = WITHOUT RELIEF VALVE (PLUGGED CAVITY)

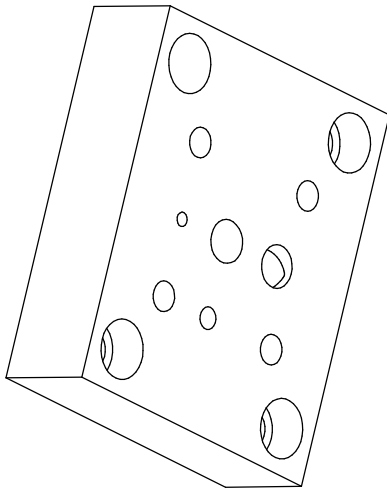
1 = WITH RELIEF VALVE

2 = RELIEF VALVE READY

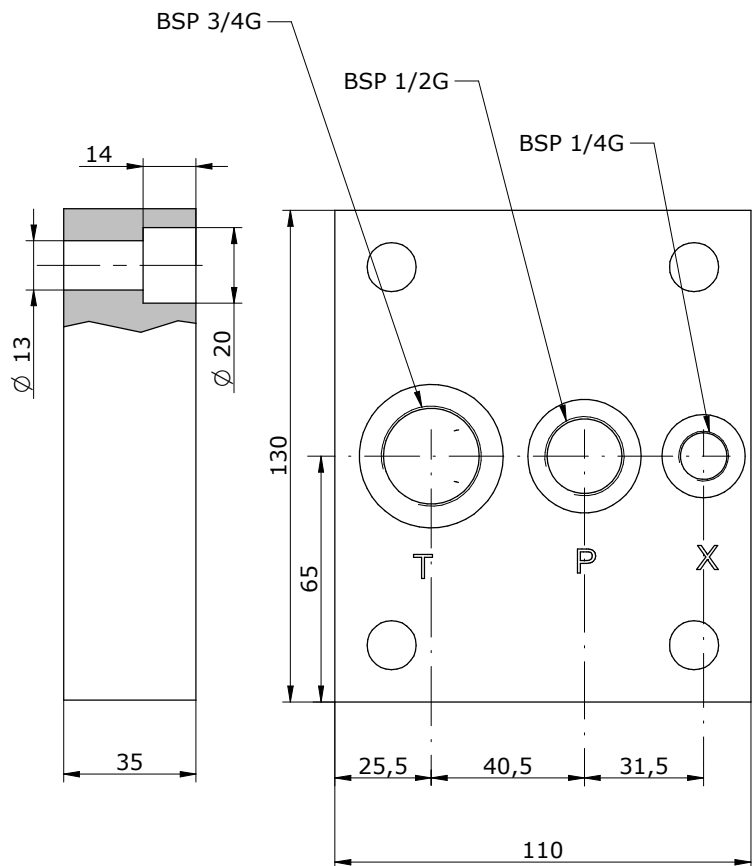
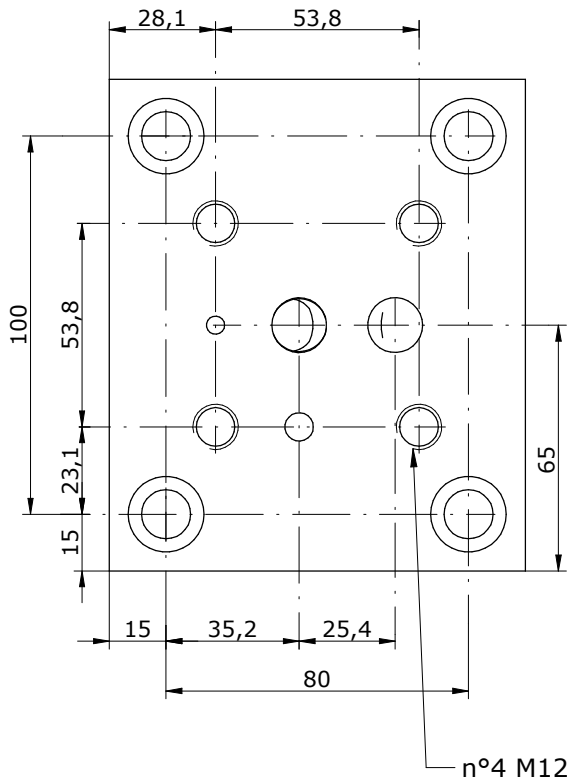
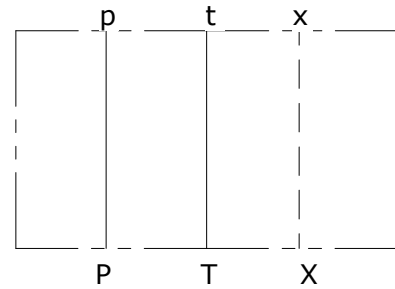
0 = WITHOUT RELIEF VALVE

1 = 10-245 bar

2 = 240-350 bar



Schema idraulico
 Hydraulic diagram



E_ R06 - 32 - 12

S = STEEL

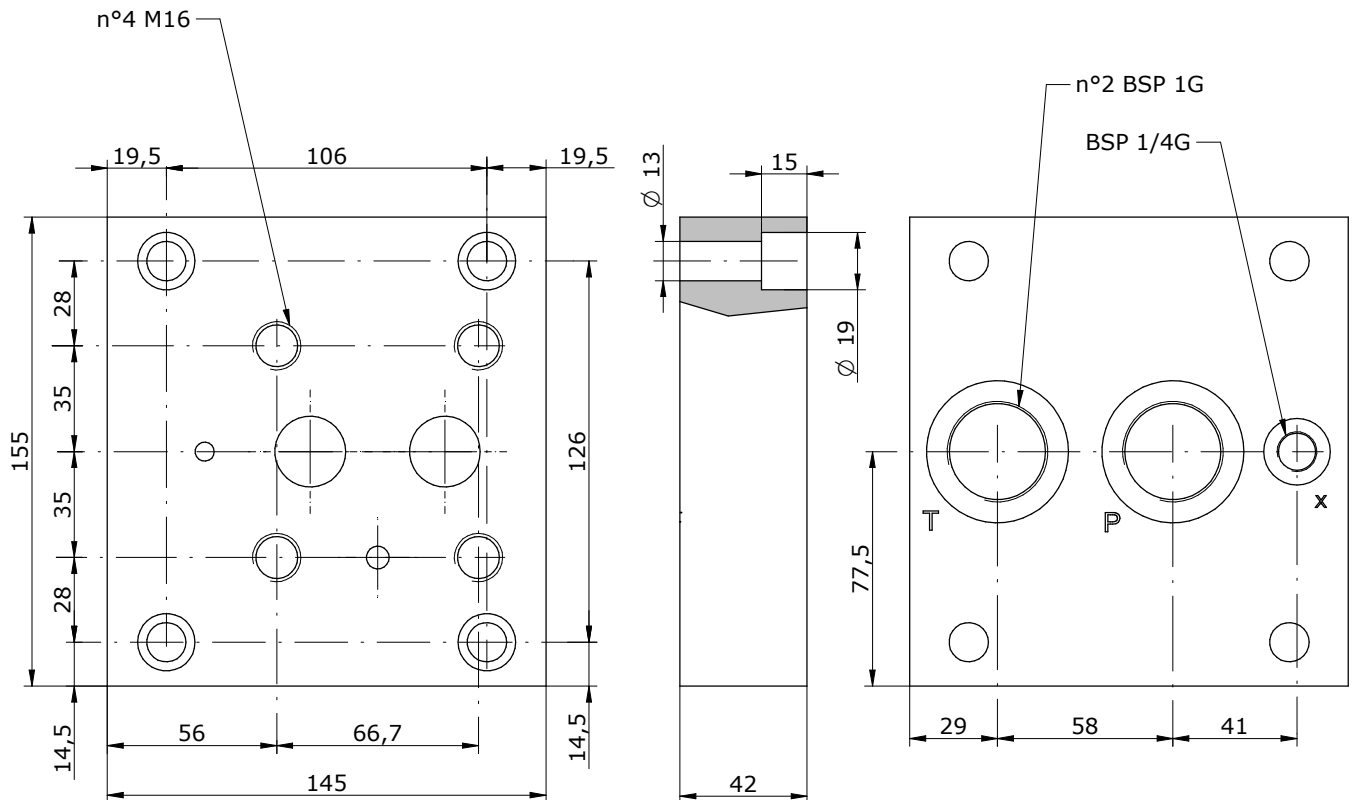
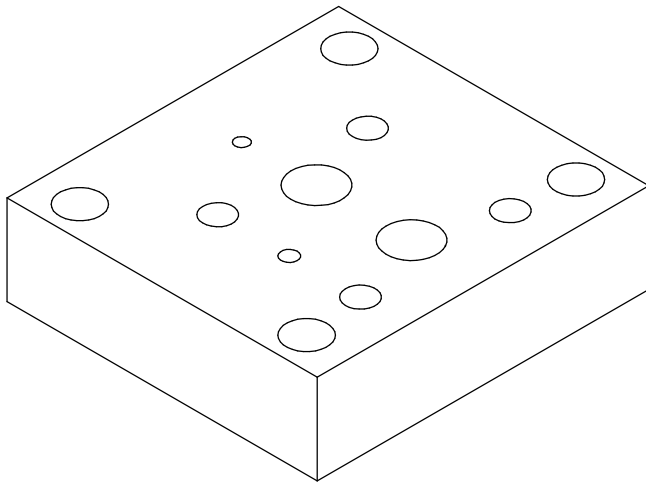
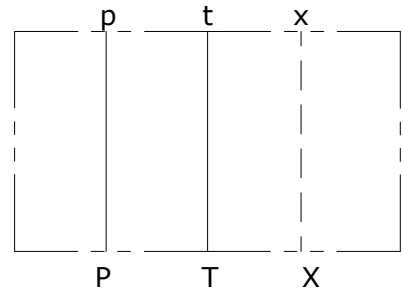
ISO 6264-06

**ORDINE MINIMO: 2 PEZZI
 MINIMUM ORDER: 2 PCS**

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Schema idraulico
 Hydraulic diagram



E_ R08 - 35 - 100

S = STEEL

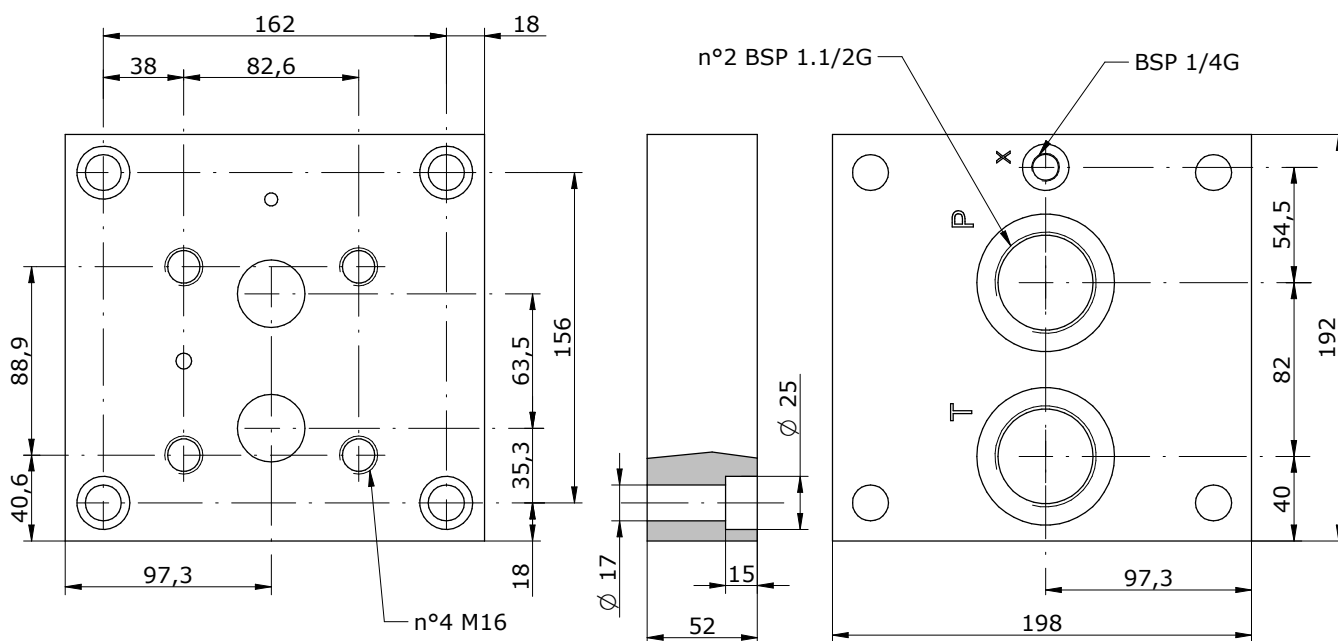
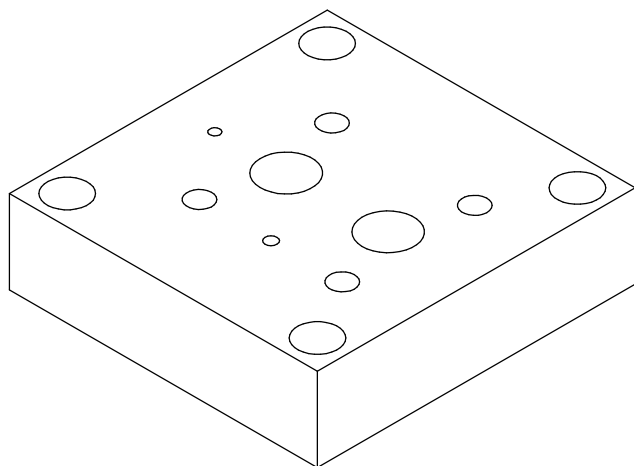
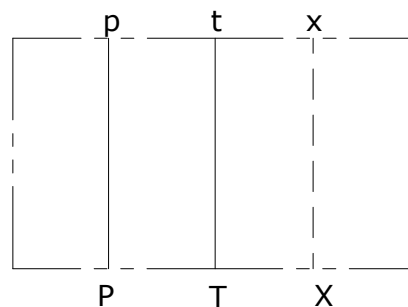
ISO 6264-08

**ORDINE MINIMO: 2 PEZZI
 MINIMUM ORDER: 2 PCS**

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Schema idraulico
 Hydraulic diagram



E_R10 - 37 - 112

S = STEEL

ISO 6264-10

**ORDINE MINIMO: 2 PEZZI
 MINIMUM ORDER: 2 PCS**

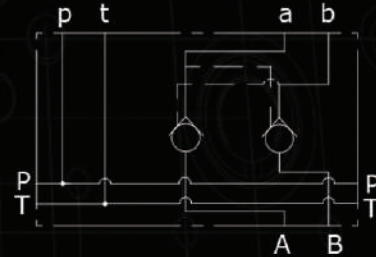
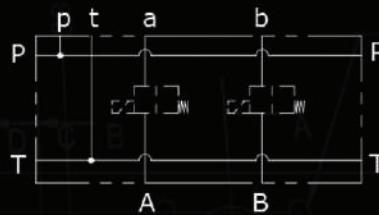
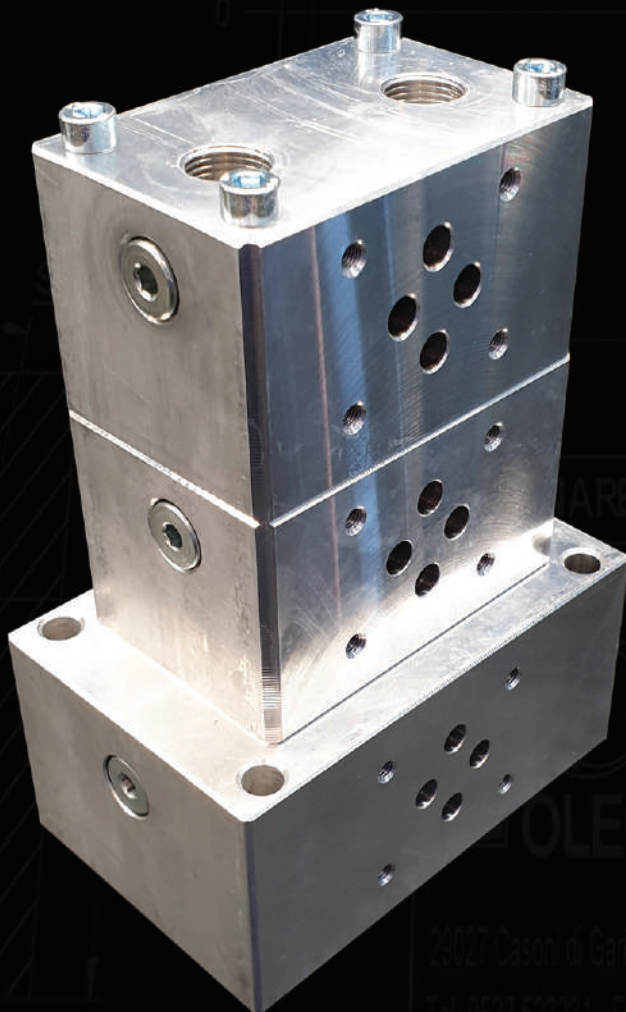
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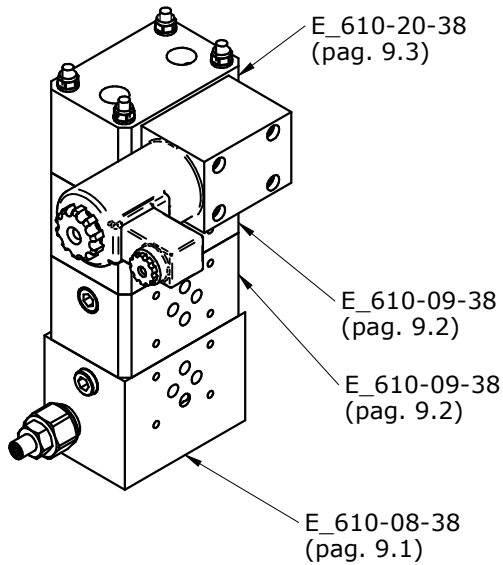
**Sezione
BASI MODULARI
CETOP**

**Section
CETOP
MODULAR PLATES**

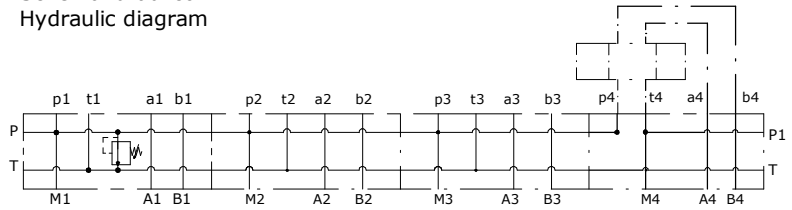


36027 Cason di Ganga (PC) - Via Copernico, 12
Tel. 0523 520331 - Fax 0523 524839

TOLLERANZA DI CARPENTERIA FINITO	
TOLLERANZE GENERALI PER LAVORAZI	
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h	29,75



Schema idraulico
 Hydraulic diagram



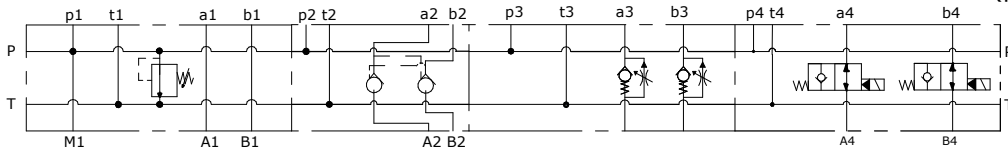
ESEMPIO ASSEMBLAGGIO 1:

- E_610-08-38: BASE DI PARTENZA CETOP 3 CON VALVOLA DI MASSIMA A-B 3/8" BSP POSTERIORI;
- E_610-09-38: (x2): CETOP 3 CON COLLEGAMENTO PARALLELO A-B 3/8" BSP POSTERIORI;
- E_610-20-38: CETOP 3 CON COLLEGAMENTO IN SERIE A-B 3/8" BSP POSTERIORI

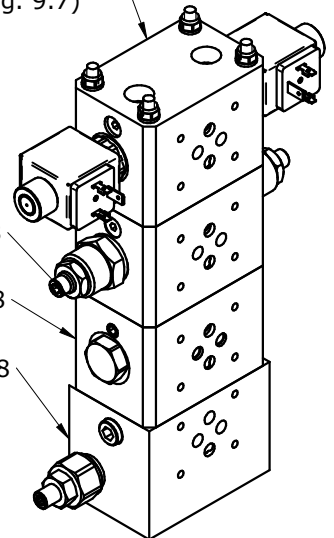
ASSEMBLY EXAMPLE #1:

- E_610-08-38: STARTING PLATE CETOP 3 WITH RELIEF VALVE A-B 3/8" REAR;
- E_610-09-38: (x2): CETOP 3 FOR PARALLEL CIRCUIT WITH A-B 3/8" BSP REAR;
- E_610-20-38: CETOP 3 FOR SERIES CIRCUIT WITH A-B 3/8" BSP REAR

Schema idraulico
 Hydraulic diagram



E_610-12-38
 (pag. 9.7)



ESEMPIO ASSEMBLAGGIO 2:

- E_610-08-38: BASE DI PARTENZA CETOP 3 CON VALVOLA DI MASSIMA A-B 3/8" BSP POSTERIORI;
- E_610-21-38: CETOP 3 CON VALVOLA DI BLOCCO DOPPIA PILOTATA A-B 3/8" BSP POSTERIORI;
- E_610-23-38: CETOP 3 CON REGOLATRICI DI PORTATA UNIDIREZIONALI A-B 3/8" BSP POSTERIORI;
- E_610-12-38: CETOP 3 CON VALVOLE ELETTRICHE DI RITEGNO A-B 3/8" BSP POSTERIORI

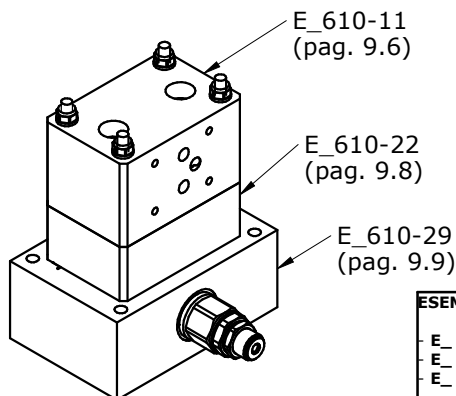
ASSEMBLY EXAMPLE #2:

- E_610-08-38: STARTING PLATE CETOP 3 WITH RELIEF VALVE A-B 3/8" REAR;
- E_610-21-38: CETOP 3 WITH DOUBLE PILOT OPERATED CHECK VALVE A-B 3/8" BSP REAR;
- E_610-23-38: CETOP 3 WITH UNIDIRECTIONAL FLOW CONTROL VALVES A-B 3/8" BSP REAR;
- E_610-12-38: CETOP 3 WITH ELECTRICAL CHECK VALVES A-B 3/8" BSP REAR

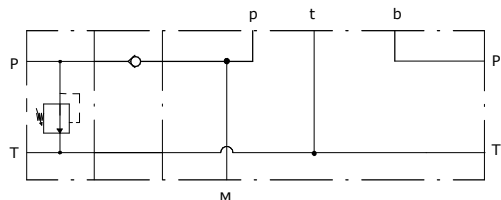
E_610-23-38
 (pag. 9.5)

E_610-21-38
 (pag. 9.4)

E_610-08-38
 (pag. 9.1)



Schema idraulico
 Hydraulic diagram

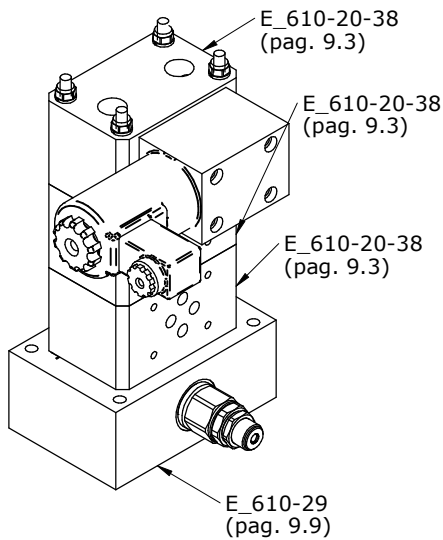


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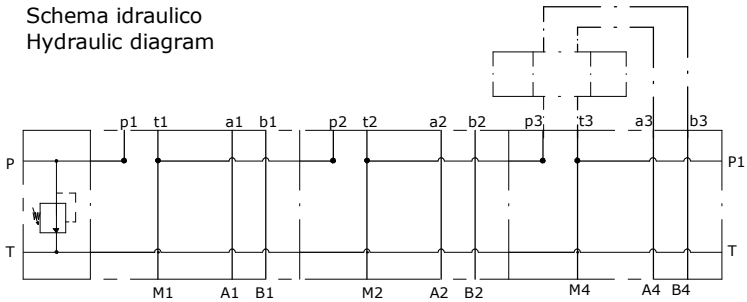
- E_610-29: BASE DI PARTENZA PER ELEMENTI MODULARI CON VALVOLA DI MASSIMA P 1/2" T 3/4" BSP;
- E_610-22: BASE MODULARE CON VALVOLA DI RITEGNO;
- E_610-11: BASE MODULARE CETOP 3 PER VALVOLA RIDUTTRICE

ASSEMBLY EXAMPLE #3:

- E_610-29: STARTING PLATE FOR MODULAR ELEMENTS WITH RELIEF VALVE P 1/2" T 3/4" BSP;
- E_610-22: MODULAR PLATE WITH CHECK VALVE;
- E_610-11: MODULAR PLATE CETOP 3 FOR REDUCING VALVE



Schema idraulico
Hydraulic diagram



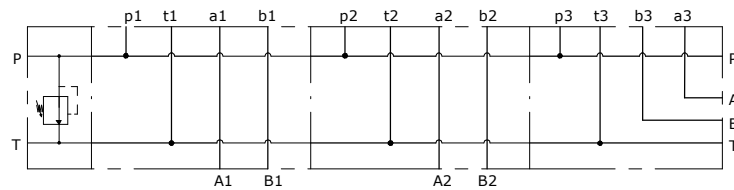
ESEMPIO ASSEMBLAGGIO 4:

- E_610-29: BASE DI PARTENZA PER ELEMENTI MODULARI CON VALVOLA DI MASSIMA P 1/2" T 3/4" BSP;
- E_610-20-38 (x3): CETOP 3 CON COLLEGAMENTO IN SERIE A-B 3/8" BSP POSTERIORI

ASSEMBLY EXAMPLE #4:

- E_610-29: STARTING PLATE FOR MODULAR ELEMENTS WITH RELIEF VALVE P 1/2" T 3/4" BSP;
- E_610-20-38 (x3): CETOP 3 FOR SERIES CIRCUIT WITH A-B 3/8" BSP REAR

Schema idraulico
Hydraulic diagram

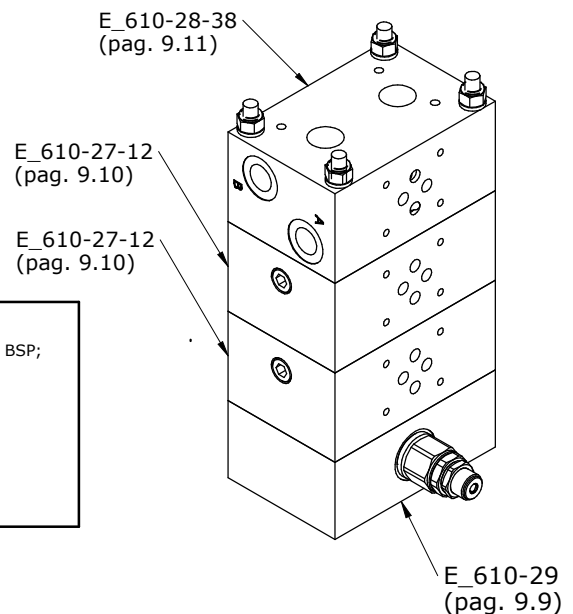


ESEMPIO ASSEMBLAGGIO 4:

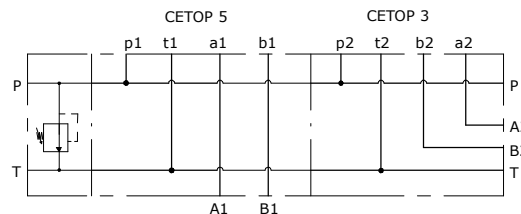
- E_610-29: BASE DI PARTENZA PER ELEMENTI MODULARI CON VALVOLA DI MASSIMA P 1/2" T 3/4" BSP;
- E_610-27-12 (x2): CETOP 3 A-B 1/2" BSP POSTERIORI;
- E_610-28-38: CETOP 3 A-B 3/8" BSP LATERALI

ASSEMBLY EXAMPLE #4:

- E_610-29: STARTING PLATE FOR MODULAR ELEMENTS WITH RELIEF VALVE P 1/2" T 3/4" BSP;
- E_610-27-12 (x2): CETOP 3 A-B 1/2" BSP REAR;
- E_610-28-38: CETOP 3 A-B 3/8" BSP ON SIDE



Schema idraulico
Hydraulic diagram

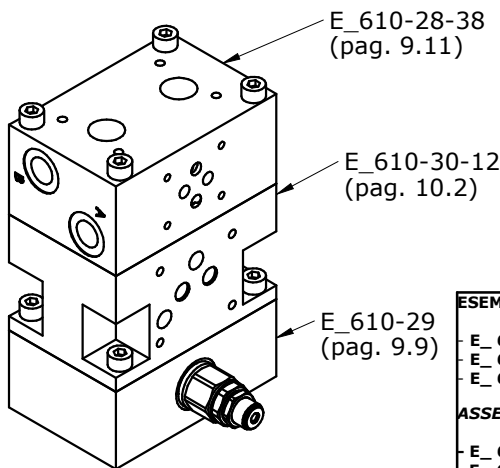


ESEMPIO ASSEMBLAGGIO 6:

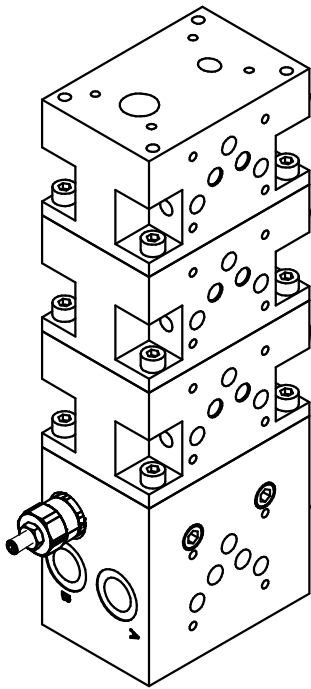
- E_610-29: BASE DI PARTENZA PER ELEMENTI MODULARI CON VALVOLA DI MASSIMA P 1/2" T 3/4" BSP;
- E_610-30-12: CETOP 5 A-B 1/2" BSP POSTERIORI;
- E_610-28-38: CETOP 3 A-B 3/8" BSP LATERALI

ASSEMBLY EXAMPLE #6:

- E_610-29: STARTING PLATE FOR MODULAR ELEMENTS WITH RELIEF VALVE P 1/2" T 3/4" BSP;
- E_610-30-12: CETOP 5 A-B 1/2" BSP REAR;
- E_610-28-38: CETOP 3 A-B 3/8" BSP ON SIDE



Schema idraulico
 Hydraulic diagram

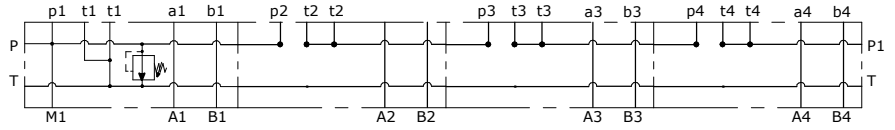


E_610-19-12
 (pag. 10.3)

E_610-19-12
 (pag. 10.3)

E_610-19-12
 (pag. 10.3)

E_610-24-12
 (pag. 10.1)



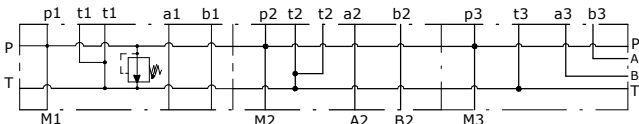
ESEMPIO ASSEMBLAGGIO 7:

- E_610-24-12: BASE MODULARE CETOP 5 CON VALVOLA DI MASSIMA A-B 1/2" BSP LATERALI;
- E_610-19-12 (x3): CETOP 5 A-B 1/2" BSP POSTERIORI PER COLLEGAMENTO IN SERIE

ASSEMBLY EXAMPLE #7:

- E_610-24-12: STARTING PLATE FOR MODULAR ELEMENTS WITH RELIEF VALVE P 1/2" T 3/4" BSP;
- E_610-19-12 (x3): CETOP 5 A-B 1/2" BSP REAR FOR SERIES CIRCUIT

Schema idraulico
 Hydraulic diagram



ESEMPIO ASSEMBLAGGIO 8:

- E_610-29: BASE DI PARTENZA PER ELEMENTI MODULARI CON VALVOLA DI MASSIMA P 1/2" T 3/4" BSP;
- E_610-26-12: CETOP 5 A-B 3/4" BSP POSTERIORI COLLEGAMENTO IN PARALLELO;
- E_610-25-12: CETOP 5 A-B 1/2" BSP LATERALI COLLEGAMENTO IN PARALLELO

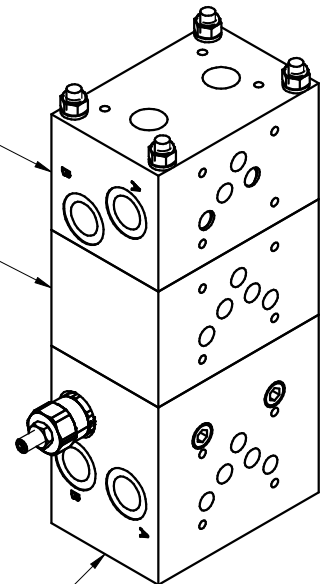
ASSEMBLY EXAMPLE #8:

- E_610-29: STARTING PLATE FOR MODULAR ELEMENTS WITH RELIEF VALVE P 1/2" T 3/4" BSP;
- E_610-26-12: CETOP 5 FOR PARALLEL CIRCUIT WITH A-B 3/4" BSP REAR
- E_610-25-12: CETOP 5 FOR PARALLEL CIRCUIT WITH A-B 1/2" BSP ON SIDE

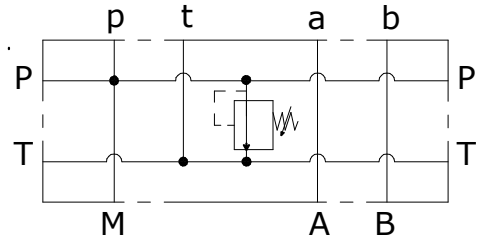
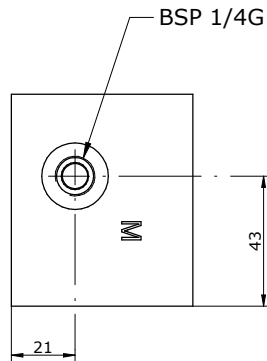
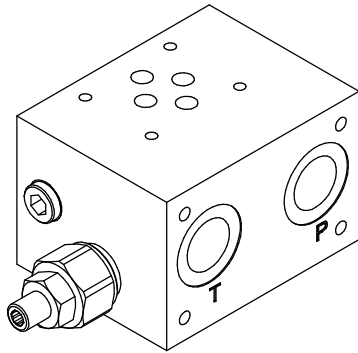
E_610-25-12
 (pag. 10.4)

E_610-26-34
 (pag. 10.5)

E_610-24-12
 (pag. 10.1)

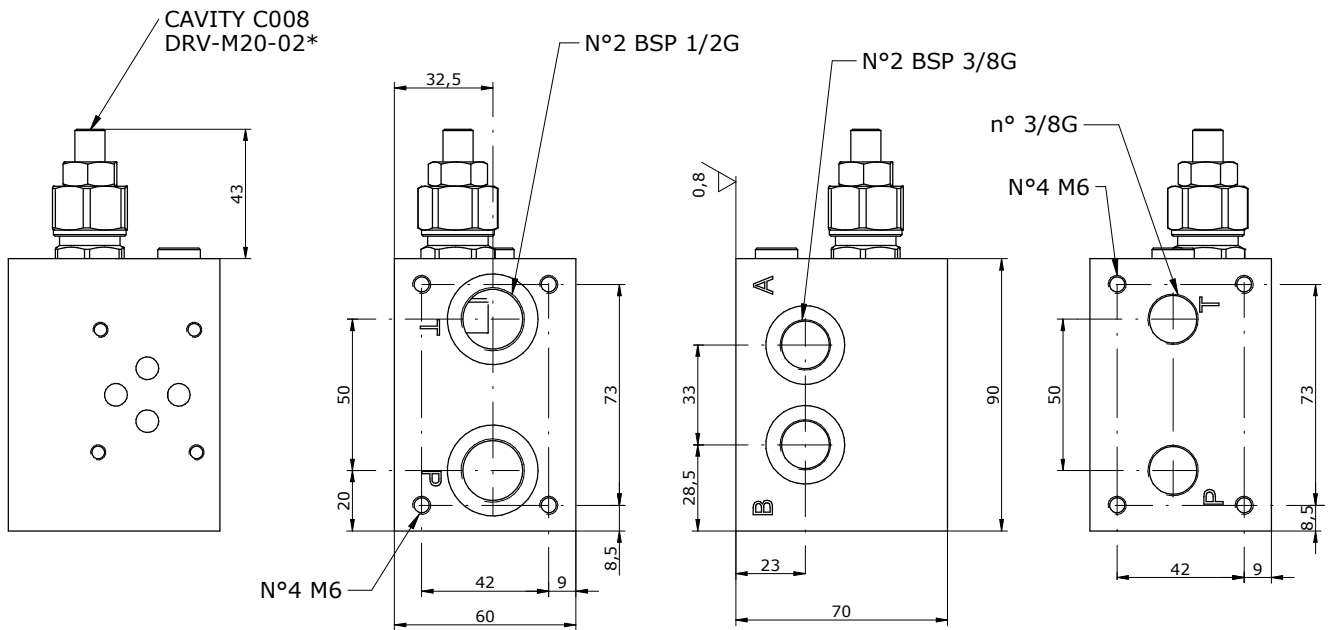


Schema idraulico
Hydraulic diagram



TIPI DI REGOLAZIONE PER V. MAX
REGULATION TYPE FOR RELIEF VALVE

	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB
	C	CAPPUCCIO INVOLABILE COVER CAP NOT ADJUSTABLE



E_ 610 - 08 - 38 - - - -

S = STEEL
A = ALUMINIUM

1 = WITH RELIEF VALVE
2 = RELIEF VALVE READY

0 = WITHOUT R.V.
H = HEX. HEAD SCREW
K = KNOB
C = COVER CAP NOT ADJUSTABLE

0 = WITHOUT RELIEF VALVE
1 = 5-55 bar
2 = 25-110 bar
3 = 50-215 bar
4 = 100-350 bar
5 = 100-420 bar

*see **CARTRIDGE VALVES** datasheets

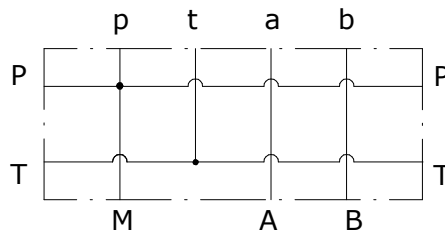
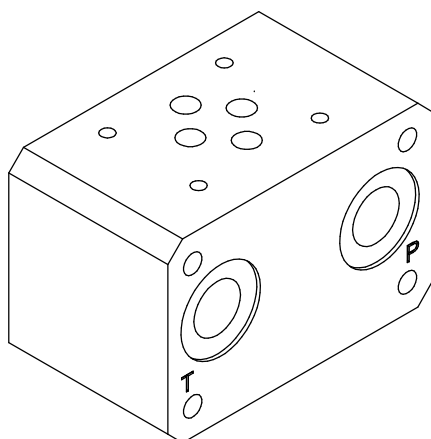
Via Nicolò Copernico 12/c-d
29027 Casoli Di Gariga - Podenzano (PC) Italy

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Tel +39 0523 523231
Fax +39 0523 524509

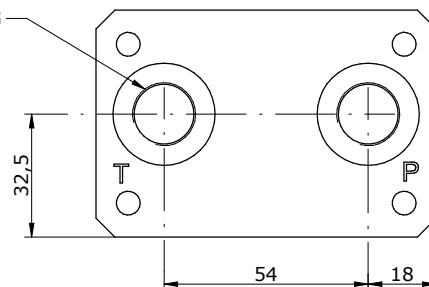
**BASE MODULARE CETOP 3 CON COLLEGAMENTO PARALLELO A-B 3/8" BSP
POSTERIORI
CETOP 3 MODULAR PLATE WITH A-B REAR PORTS 3/8" BSP FOR PARALLEL
CIRCUIT**

**OLEODINAMICA
2mp**

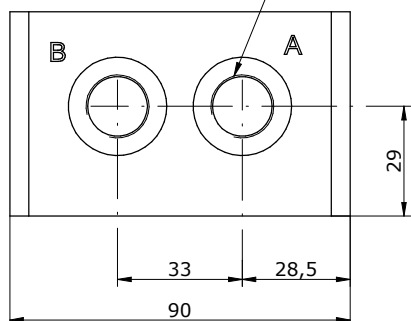
Schema idraulico
Hydraulic diagram



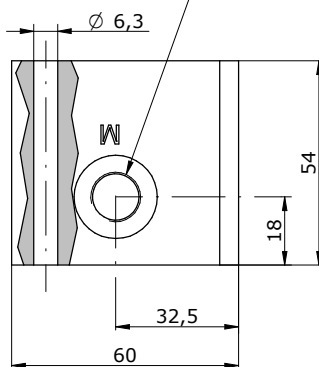
n°2 BSP 3/8G
OR-2093



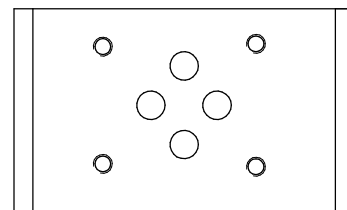
n°2 BSP 3/8G



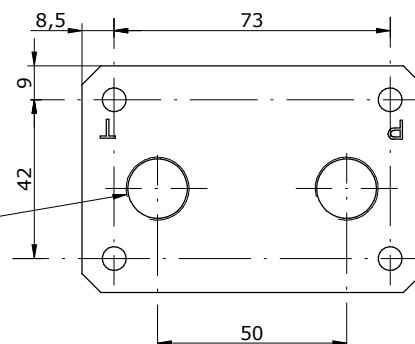
BSP 1/4G



0,8



n°2 3/8G

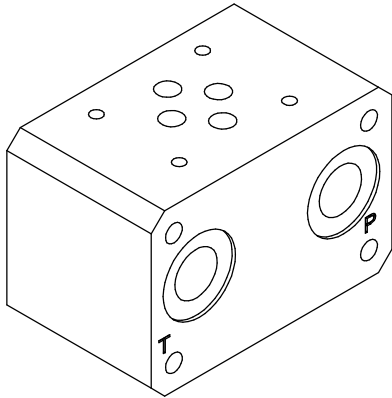


E_ 610 - 09 - 38

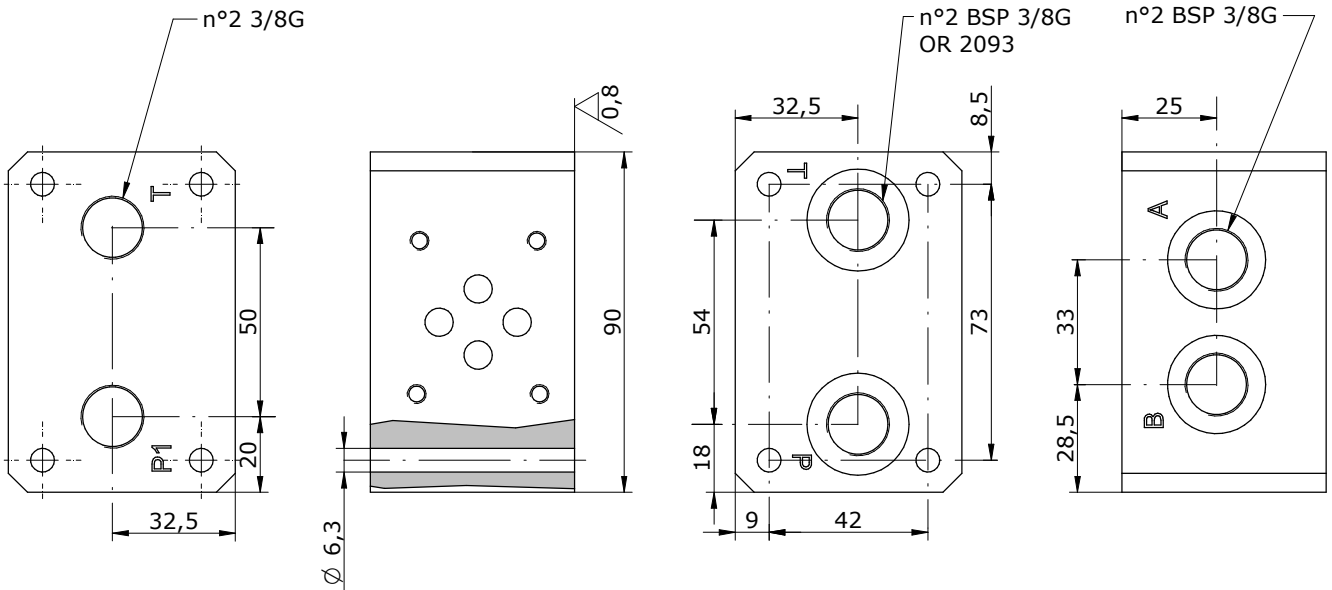
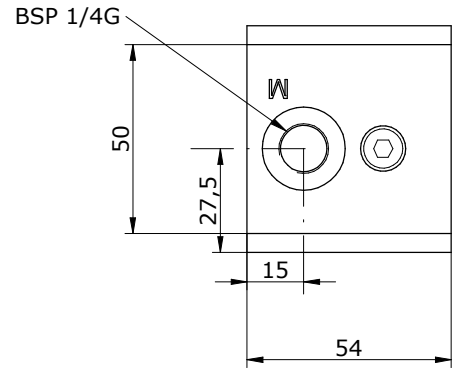
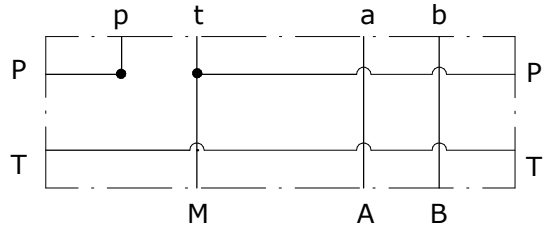
**S = STEEL
A = ALUMINIUM**

**BASE MODULARE CETOP 3 A-B POST. 3/8" BSP PER COLLEGAMENTO
IN SERIE
CETOP 3 MODULAR PLATE WITH A-B REAR PORTS 3/8" BSP FOR
SERIES CIRCUIT**

**OLEODINAMICA
2mp**



Schema idraulico
Hydraulic diagram



E_ 610 - 20 - 38

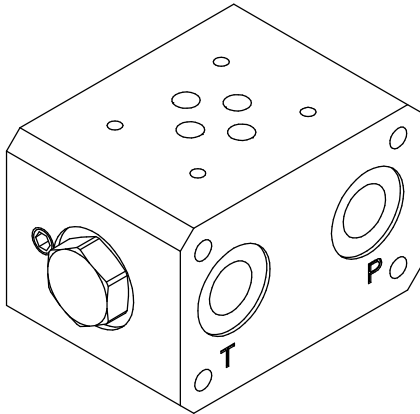
**S = STEEL
A = ALUMINIUM**

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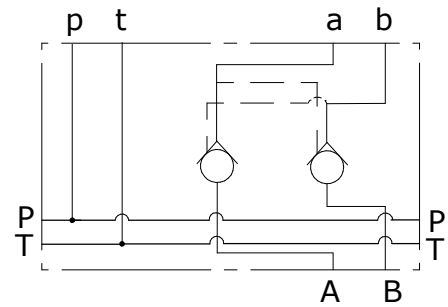
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Fax +39 0523 524509

BASE MODUL. CETOP 3 CON VALVOLA DI BLOCCO DOPPIA PILOTATA
A-B 3/8" BSP
CETOP 3 MODULAR PLATE WITH DOUBLE PILOT OPERATED CHECK VALVE
A-B 3/8" BSP

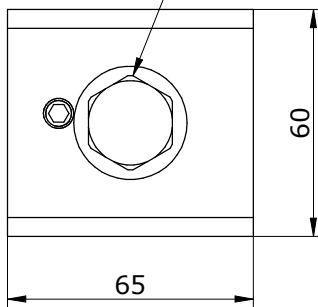
OLEODINAMICA
2mp



Schema idraulico
 Hydraulic diagram

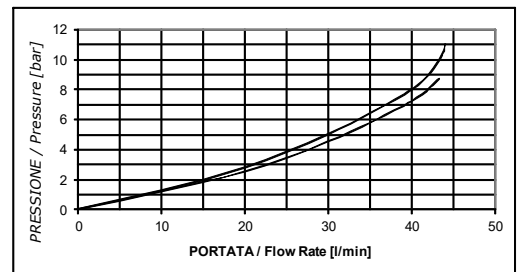


CAVITY C007
 VRO-S08-01*



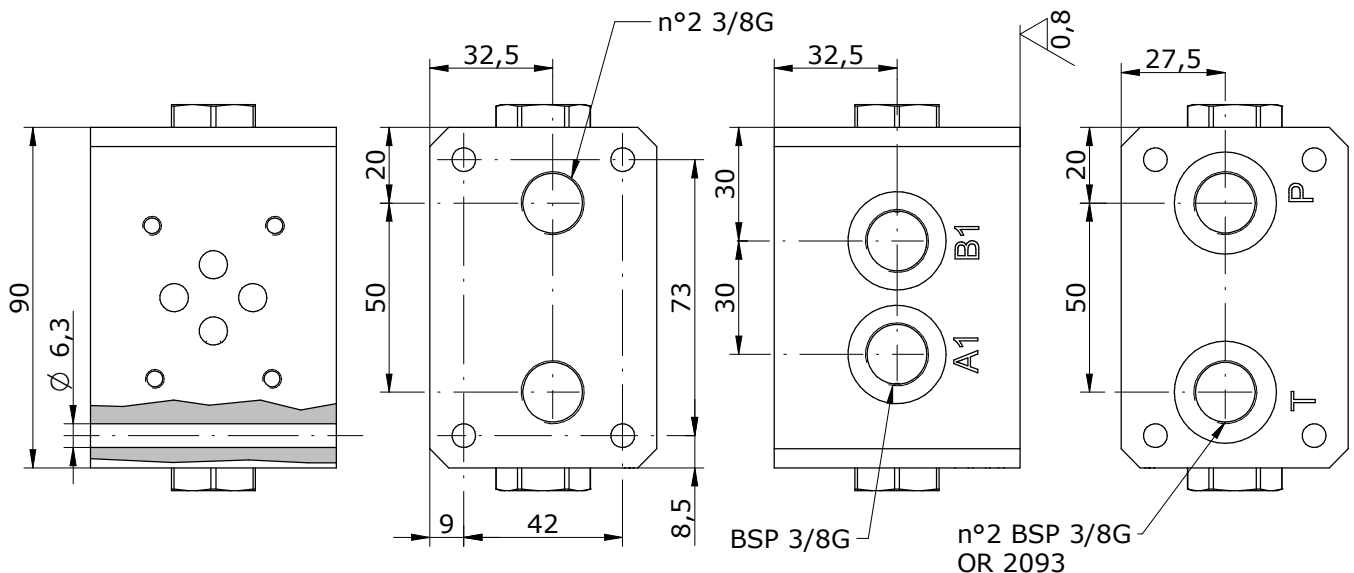
Curva caratteristica

Valori ottenuti con viscosità 16cSt (2.43°E) a 65°C



Rapporto di pilotaggio 1:3,5

Ratio Pilot 1:3,5



E_ 610 - 21 - 38

S = STEEL
A = ALUMINIUM

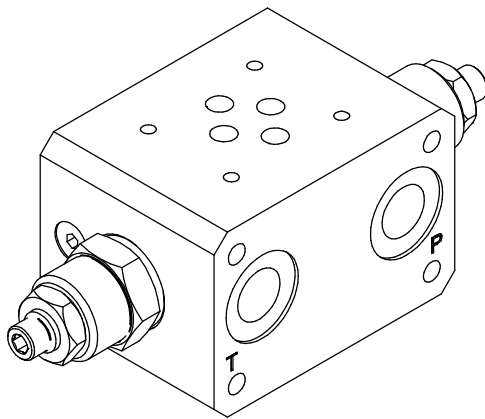
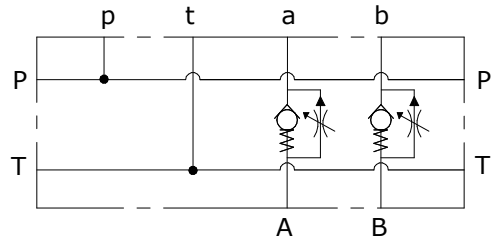
Via Nicolò Copernico 12/c-d
 29027 Casoli Di Gariga - Podenzano (PC) Italy

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 Tel +39 0523 523231
 Fax +39 0523 524509

BASE MODULARE CETOP 3 CON REGOLATRICI DI PORTATA UNIDIREZIONALI A-B 3/8" BSP
CETOP 3 MODULAR PLATE WITH UNIDIRECTIONAL FLOW CONTROL VALVES A-B 3/8" BSP

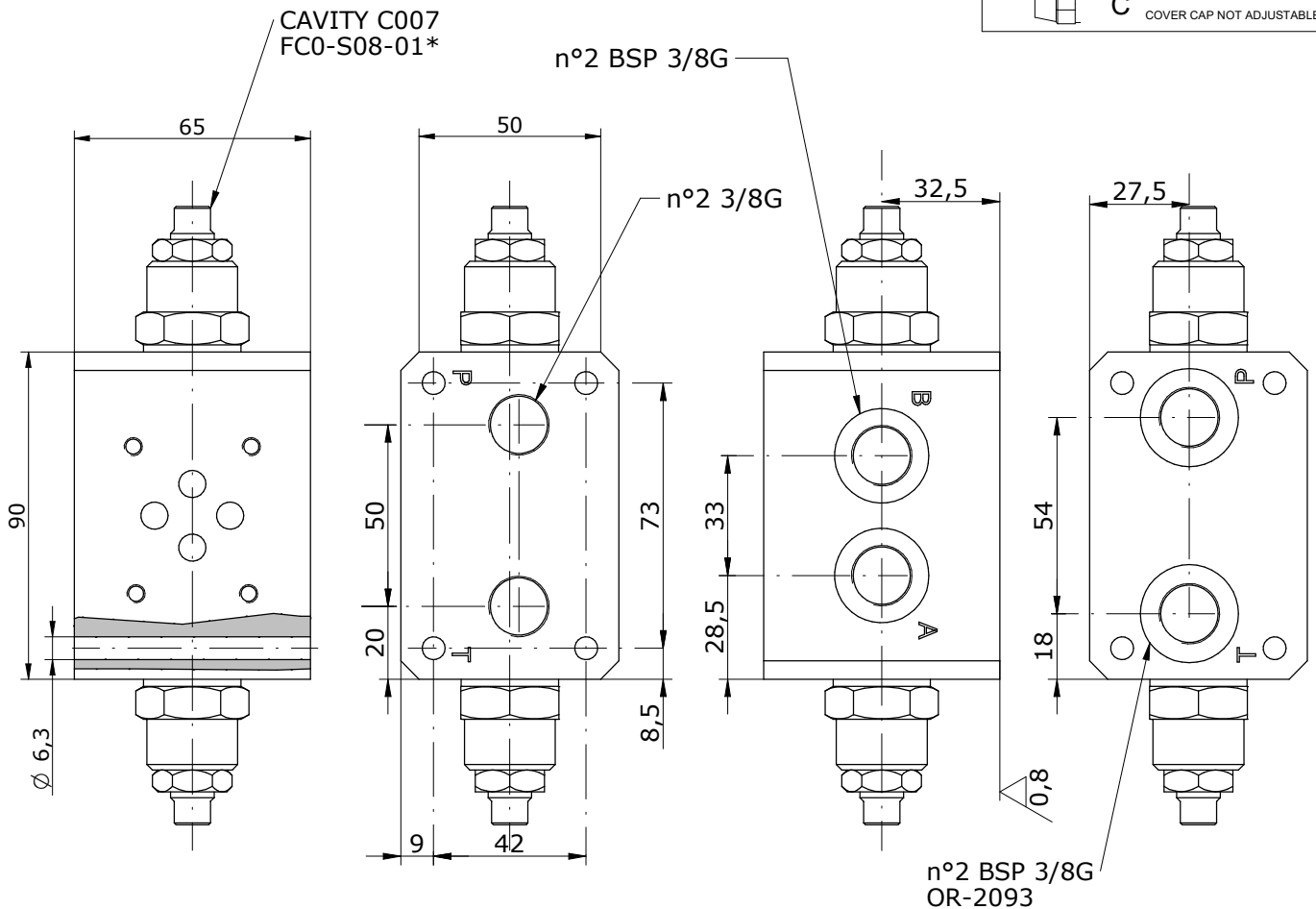
OLEODINAMICA
2mp

Schema idraulico
 Hydraulic diagram



TIPI DI REGOLAZIONE
REGULATION TYPE

	H VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K POMOLO KNOB
	C CAPPUCIO INVIOLABILE COVER CAP NOT ADJUSTABLE



E_ 610 - 23 - 38 - _ - _

S = STEEL
A = ALUMINIUM

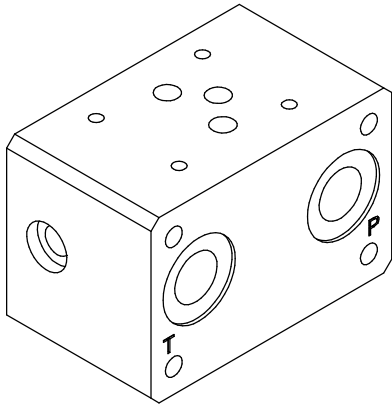
H = HEXAGONAL HEAD SCREW
K = KNOB
C = COVER CAP NOT ADJUSTABLE

A = FLOW CONTROL ON PORT A
D = FLOW CONTROL ON PORT A AND B

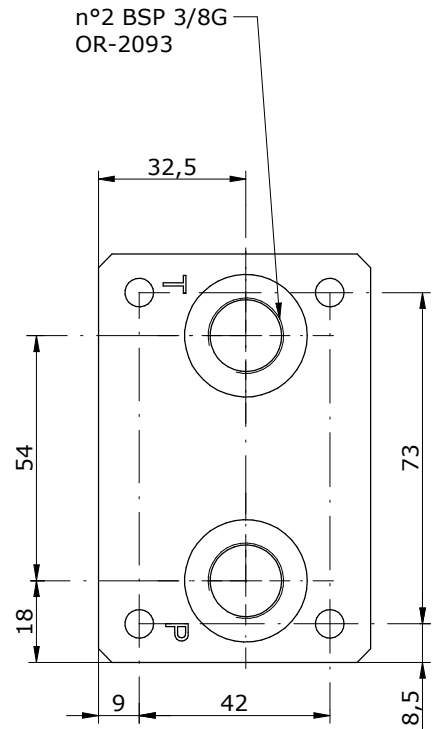
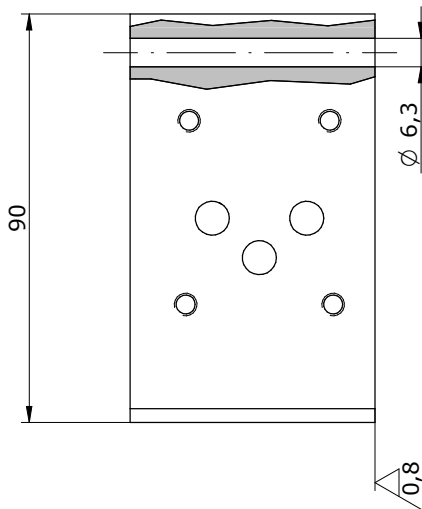
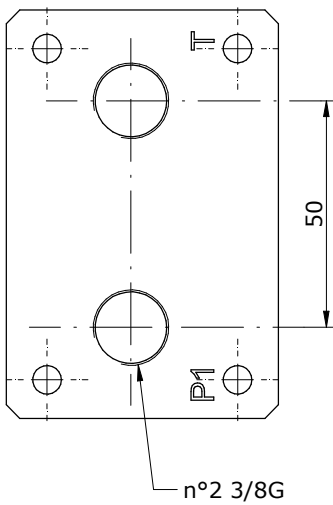
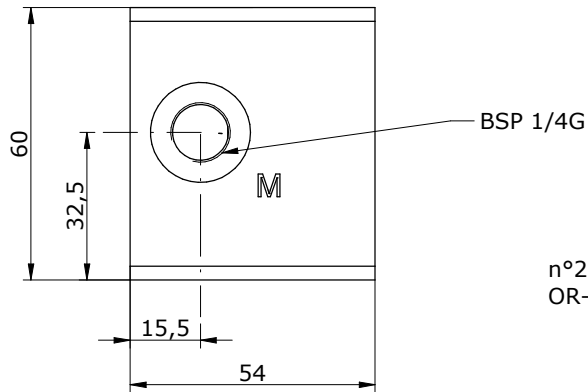
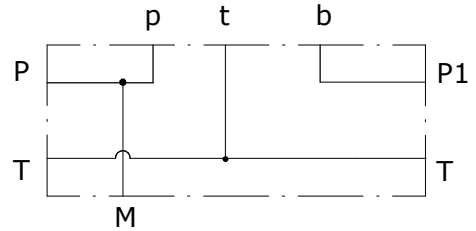
***see CARTRIDGE VALVES datasheets**

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Schema idraulico
 Hydraulic diagram

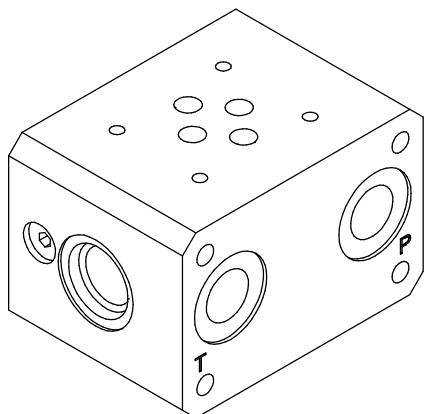


E_ 610 - 11

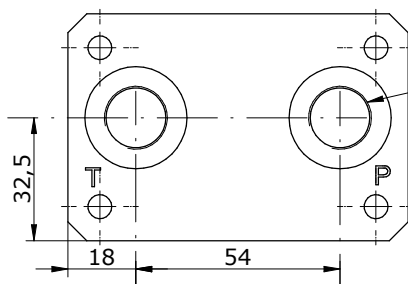
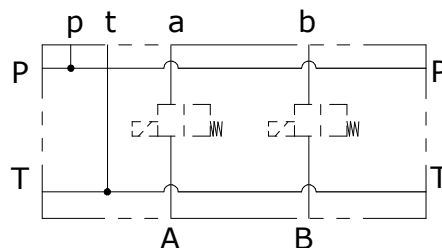
S = STEEL
A = ALUMINIUM

BASE MODULARE CETOP 3 CON VALVOLE ELETTRICHE DI RITEGNO
A-B 3/8" BSP
CETOP 3 MODULAR PLATE WITH ELECTRICAL CHECK VALVES
A-B 3/8" BSP

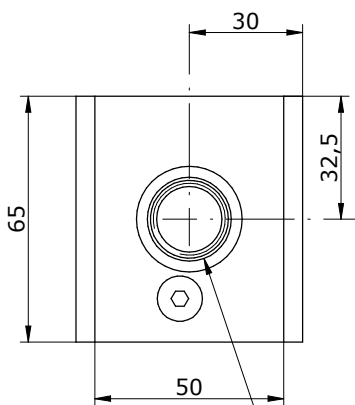
OLEODINAMICA
2mp



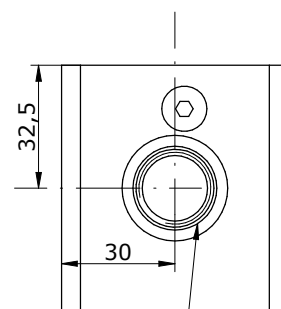
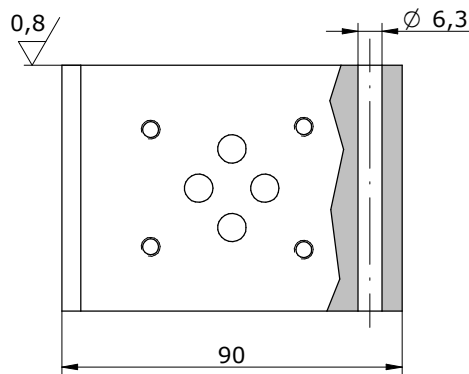
Schema idraulico
 Hydraulic diagram



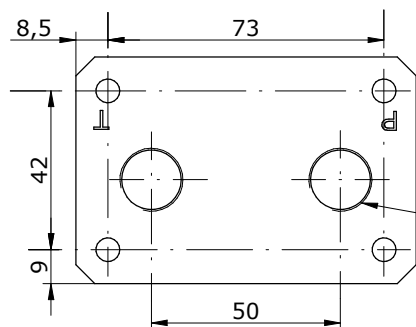
n°2 BSP 3/8G
 OR 2093



CAVITY C007
 SOLENOID VALVE



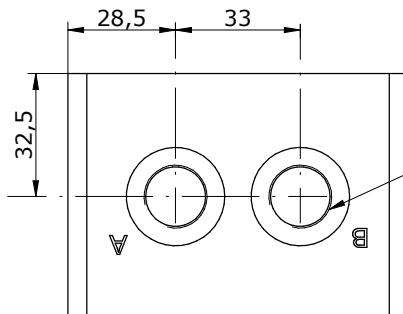
CAVITY C007
 SOLENOID VALVE



n°2 3/8G

E_ 610 - 12 - 38 - _

S = STEEL
A = ALUMINIUM

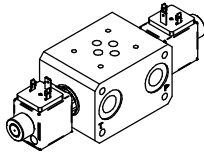
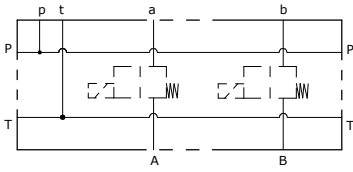


n°2 BSP 3/8G

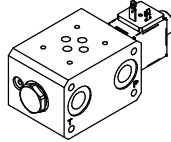
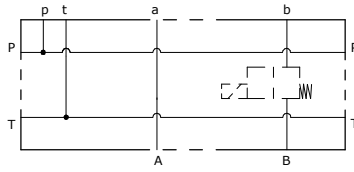
BASE MODULARE CETOP 3 CON VALVOLE ELETTRICHE DI RITEGNO
A-B 3/8" BSP
CETOP 3 MODULAR PLATE WITH ELECTRICAL CHECK VALVES
A-B 3/8" BSP

OLEODINAMICA
2mp

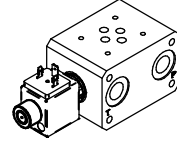
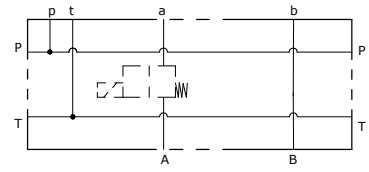
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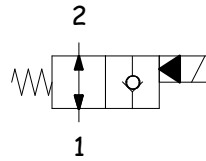
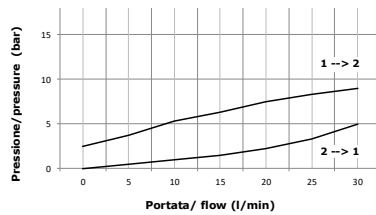
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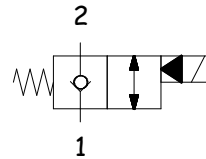
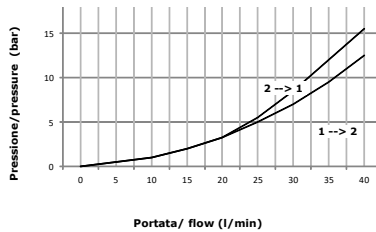
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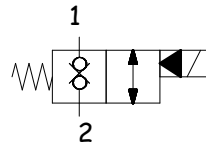
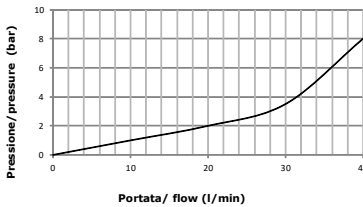
TS4*



TS3*



TD3*



E_ 610 - 12 - 38 -

S = STEEL
A = ALUMINIUM

SEE SCHEME

N = BUNA
V = VITON

TS4
 TS3
 TD3

REGOLAZIONE / REGULATION

SVCP-S08-TD3	SVCP-S08-TS3	SVCP-08-TS4
0 = SENZA COMANDO MANUALE / NO MANUAL OVERRIDE		
3 = PRESSIONE SU SPINA / PUSH PIN	1 = VITE / SCREW	3 = PRESSIONE SU SPINA / PUSH PIN
4 = PRESSIONE SU BOTTONI / PUSH BOTTON	2 = SPINGA E GIRA / PUSH AND TWIST	4 = PRESSIONE SU BOTTONI / PUSH BOTTON
	6 = TAPPO PREMUTO / PULL AND HOLD	5 = BRUGOLA / ALLEN

TENSIONE / VOLTAGE

000 = SENZA BOBINA / WITHOUT COIL
D12 = 12 VDC
D24 = 24 VDC
220 = 220 RAC
D26 = 26 VDC

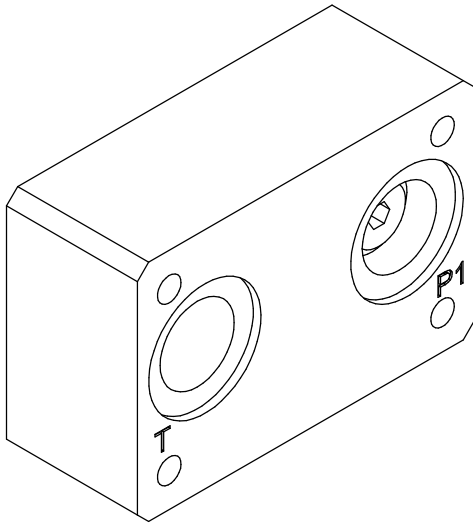
TIPO CONNETTORE / CONNECTOR TYPE

0 = SENZA BOBINE / WITHOUT COIL
C = CAVI / LEADS
D = DIN 43650
G = DEUTSCH DT04-2P
A = AMP JUNIOR

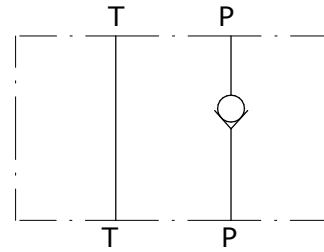
*see **CARTRIDGE VALVES** datasheets

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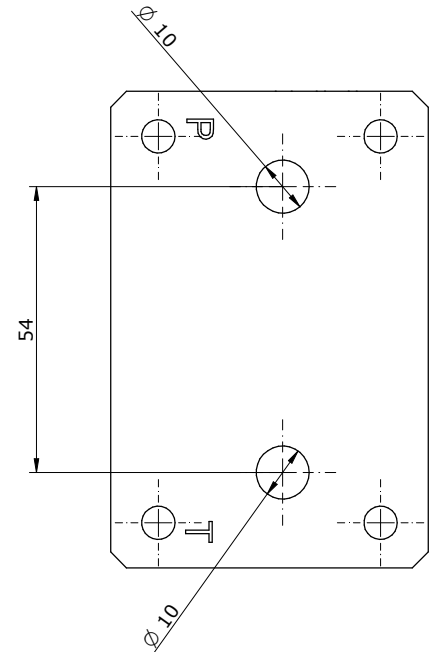
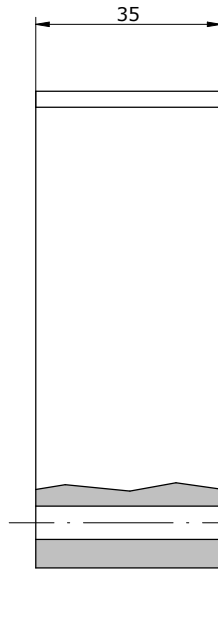
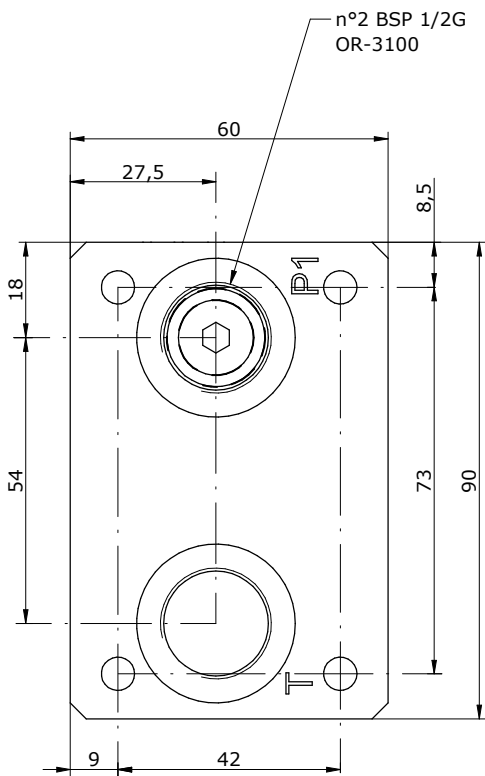
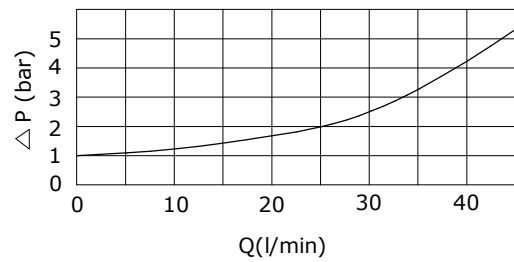
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Schema idraulico
 Hydraulic diagram



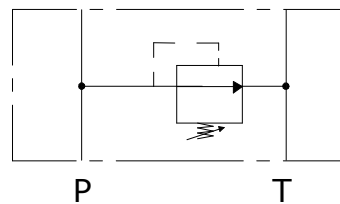
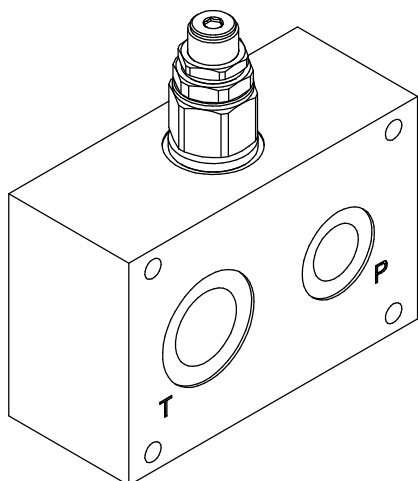
PRESSURE DROP



E_ 610 - 22

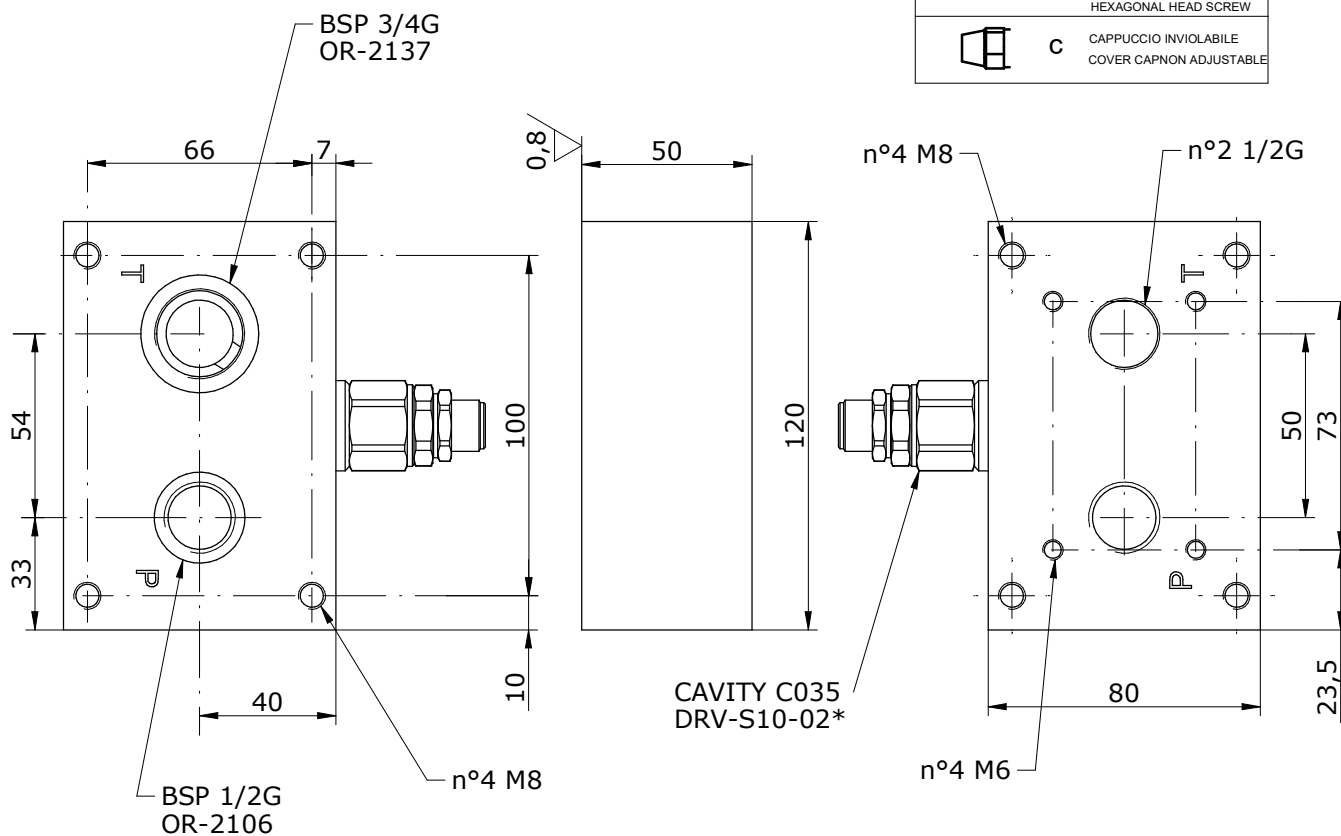
S = STEEL
A = ALUMINIUM

Schema idraulico
 Hydraulic diagram



TIPI DI REGOLAZIONE
REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	C	CAPPUCCIO INVIOLABILE COVER CAPNON ADJUSTABLE



E_ 610 - 29 - - - -

S = STEEL
A = ALUMINIUM

2 = RELIEF VALVE READY
4 = WITH DIRECT RELIEF VALVE

0 = WITHOUT RELIEF VALVE
H = HEXAGONAL HEAD SCREW
C = COVER CAP NOT ADJUSTABLE

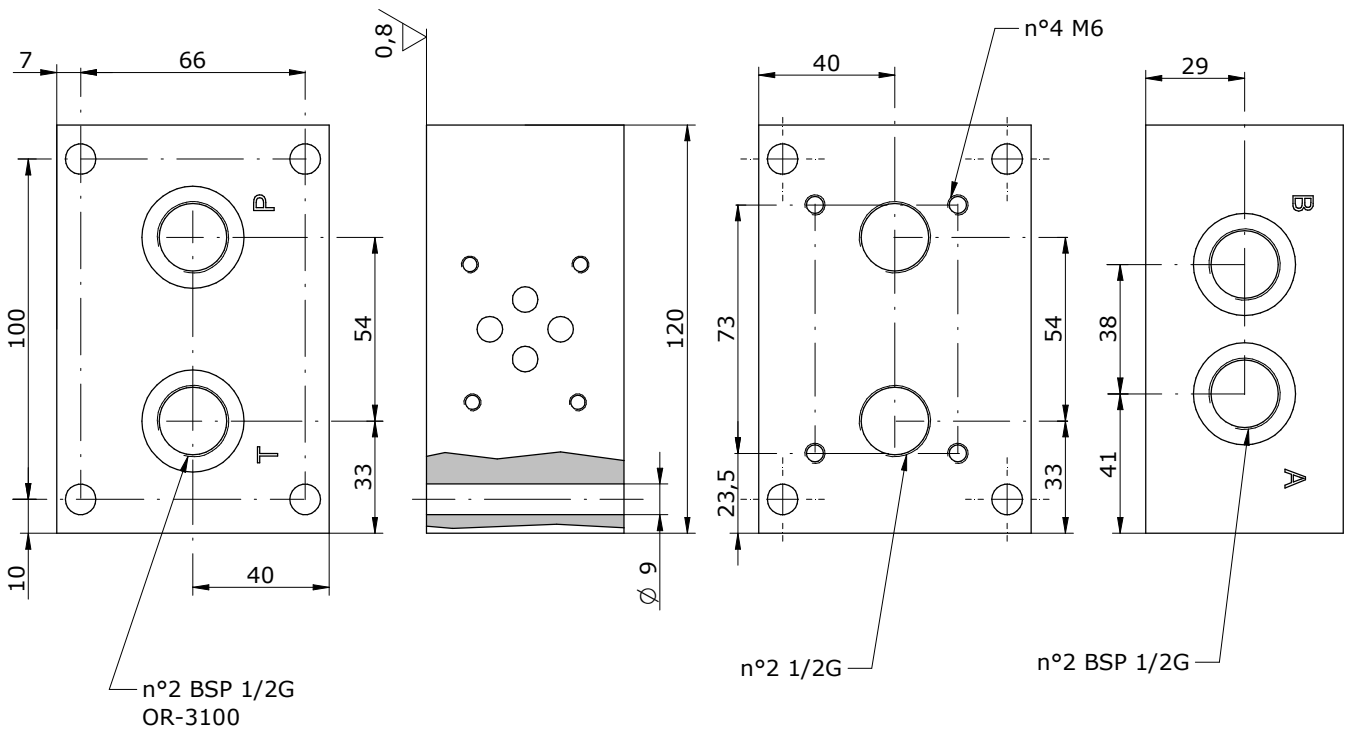
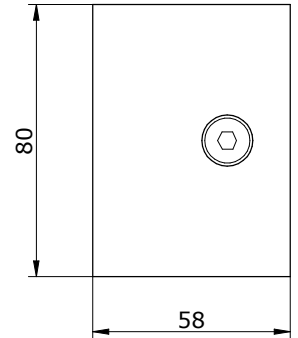
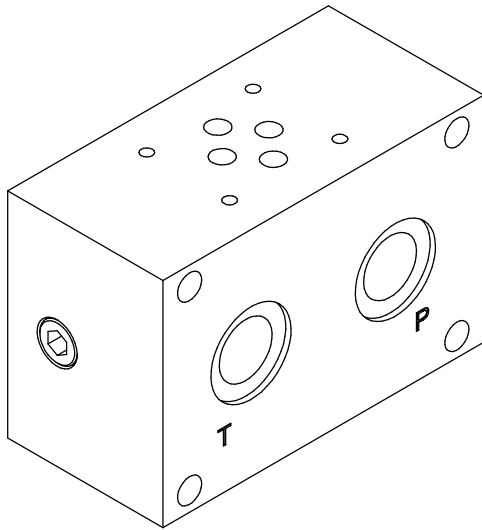
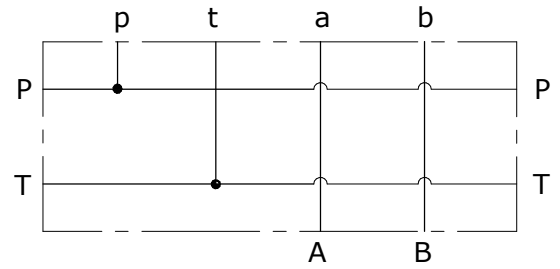
0 = WITHOUT RELIEF VALVE
1 = 5-110 bar
2 = 10-180 bar
3 = 10-240 bar
4 = 50-350 bar

*see **CARTRIDGE VALVES** datasheets

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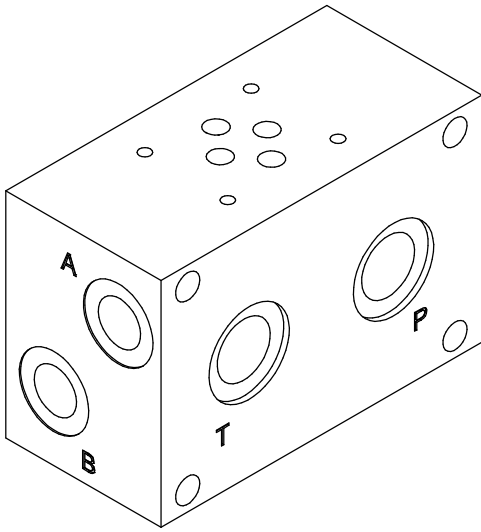
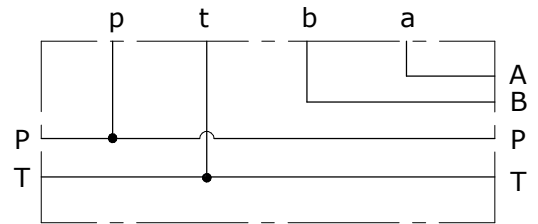
Schema idraulico
 Hydraulic diagram



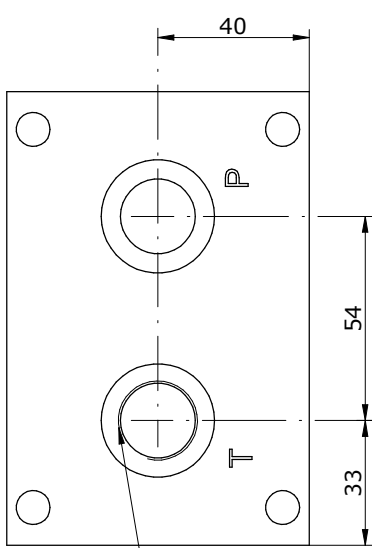
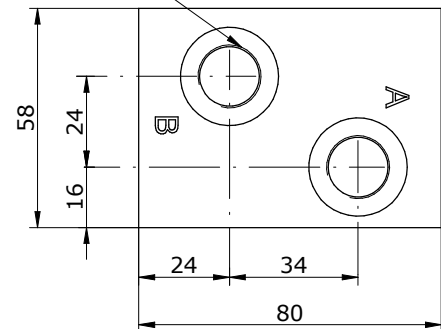
E_ 610 - 27 - 12

S = STEEL
A = ALUMINIUM

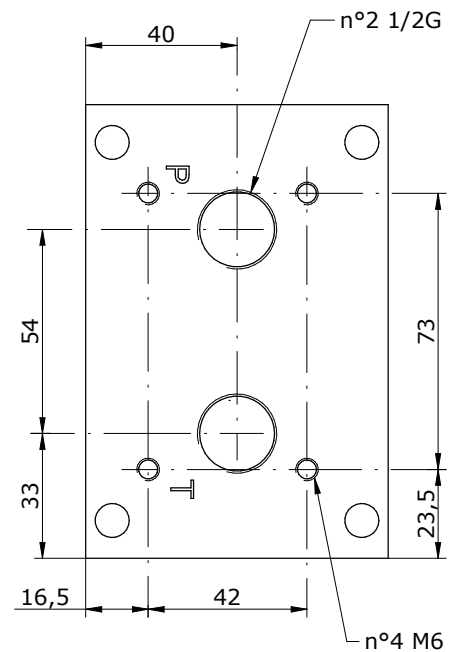
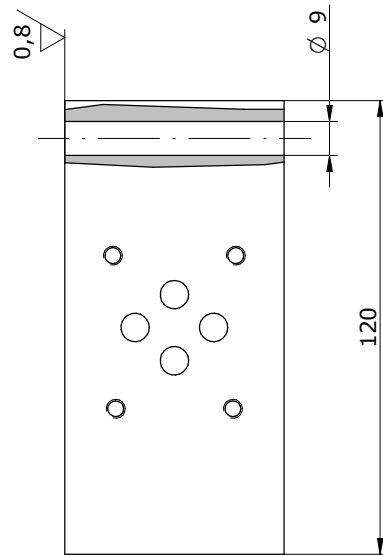
Schema idraulico
 Hydraulic diagram



n°2 BSP 3/8G



n°2 BSP 1/2G
 OR-3100

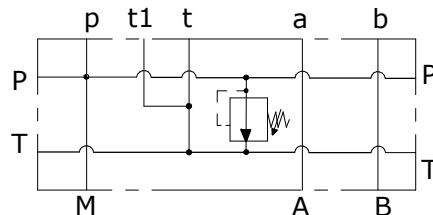


n°4 M6

E_ 610 - 28 - 38

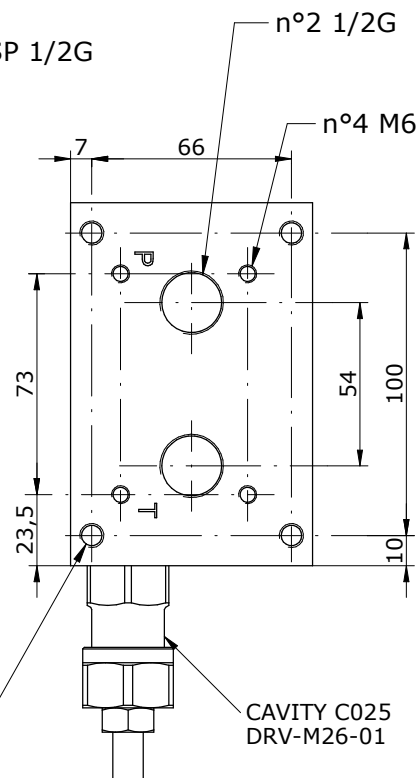
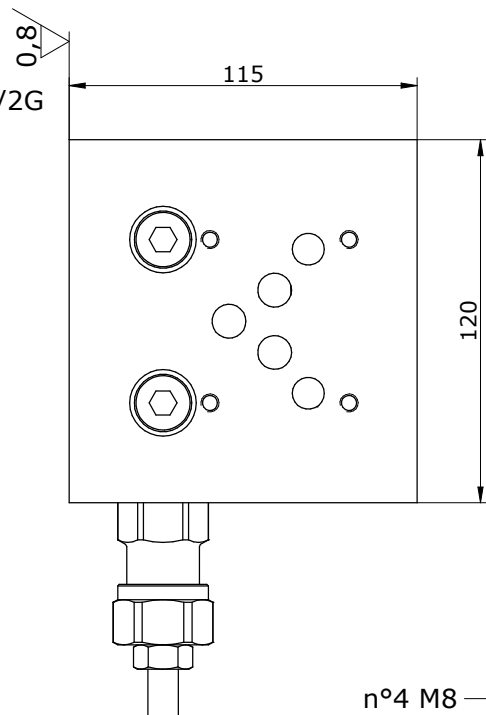
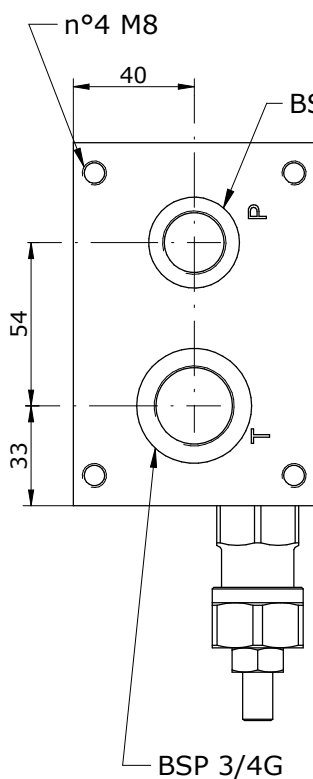
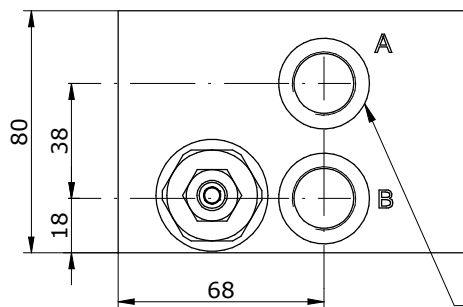
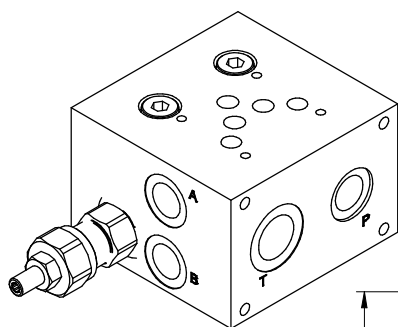
S = STEEL
A = ALUMINIUM

Schema idraulico
 Hydraulic diagram



TIPI DI REGOLAZIONE PER V. MAX
 REGULATION TYPE FOR RELIEF VALVE

	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE



E_ 610 - 24 - 12 - _ - _

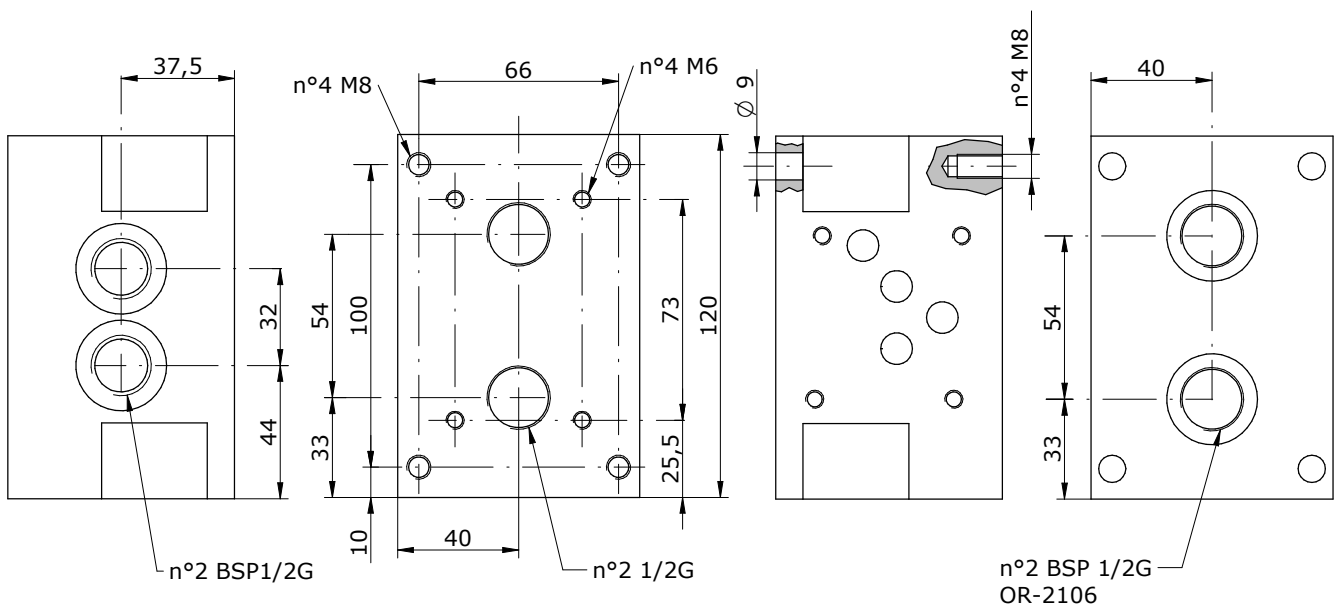
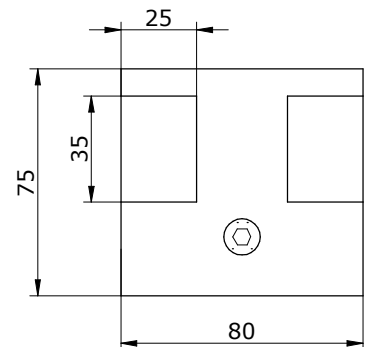
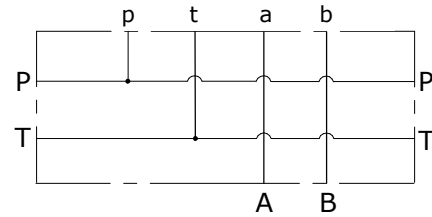
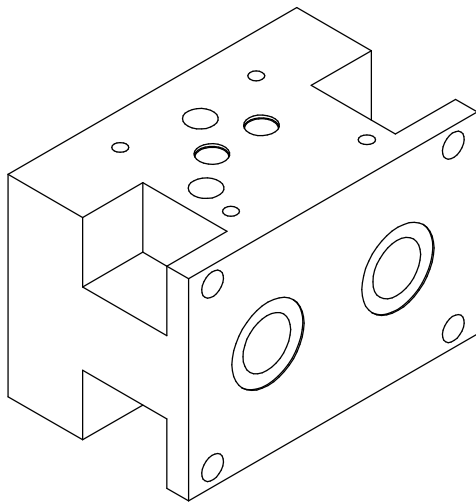
S = STEEL
A = ALUMINIUM

0 = WITHOUT RELIEF VALVE
1 = 0-55 bar
2 = 25-110 bar
3 = 75-250 bar

OMETTERE / OMIT
H = HEXAGONAL HEAD SCREW
K = KNOB
C = COVER CAP NOT ADJUSTABLE

*see **CARTRIDGE VALVES** datasheets

Schema idraulico
Hydraulic diagram

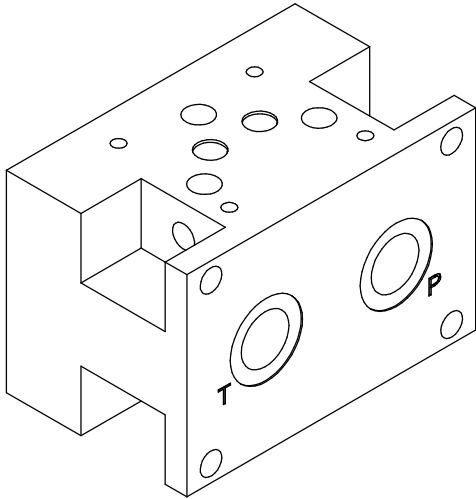


E_ 610 - 30 - 12

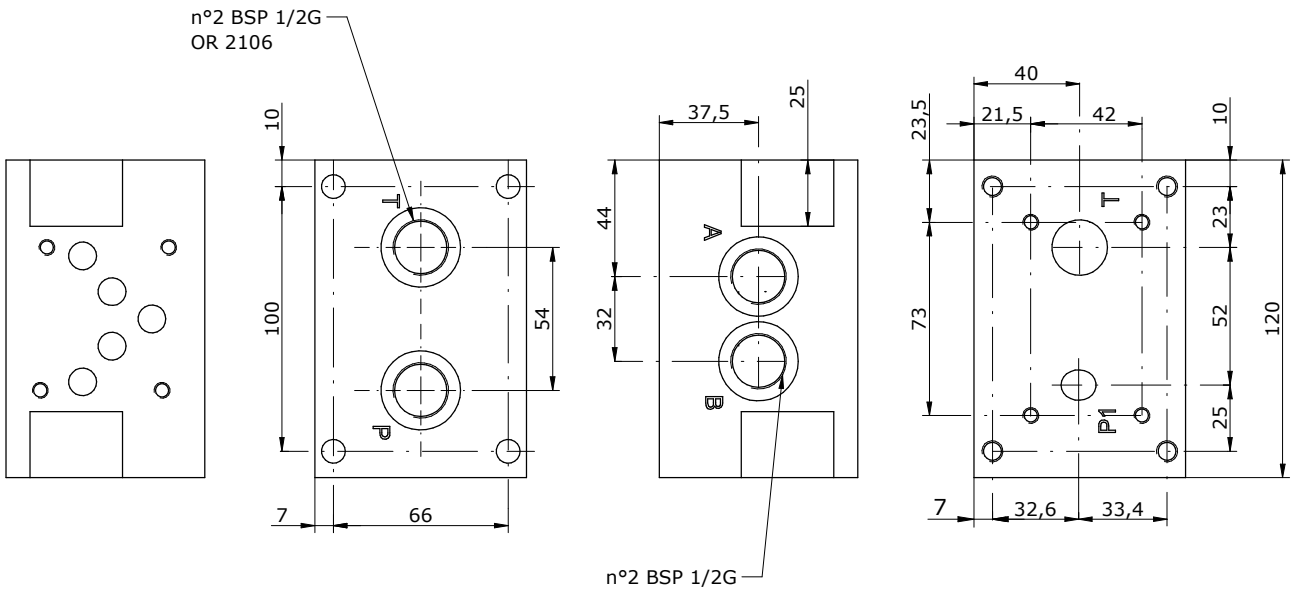
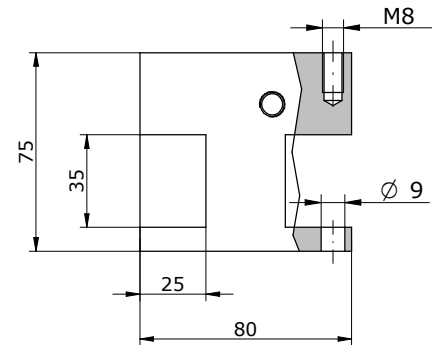
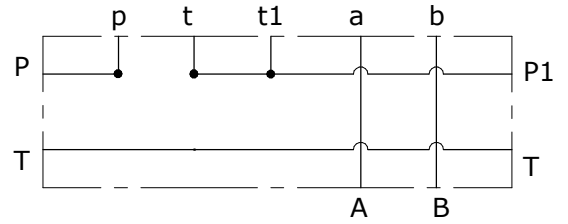
S = STEEL
A = ALUMINIUM

**BASE MODULARE CETOP 5 A-B POST. 1/2" BSP PER COLLEGAMENTO
IN SERIE
CETOP 5 MODULAR PLATE WITH A-B REAR PORTS 1/2" BSP FOR
SERIES CIRCUIT**

**OLEODINAMICA
2mp**



Schema idraulico
Hydraulic diagram

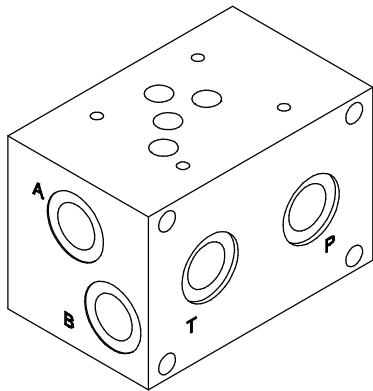


E_ 610 - 19 - 12

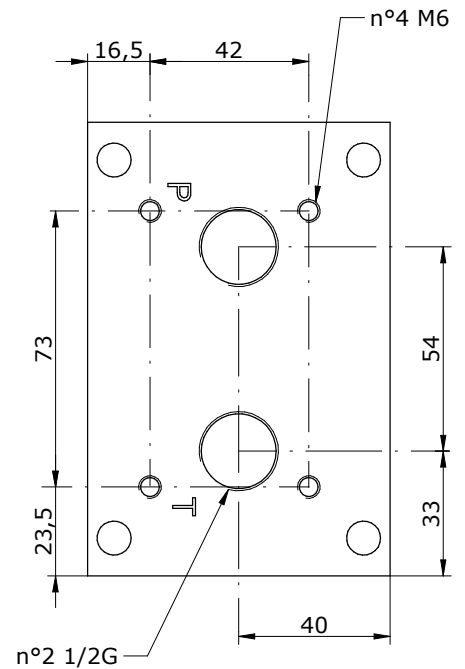
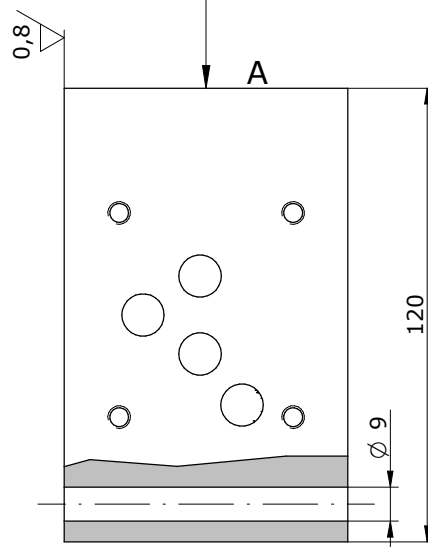
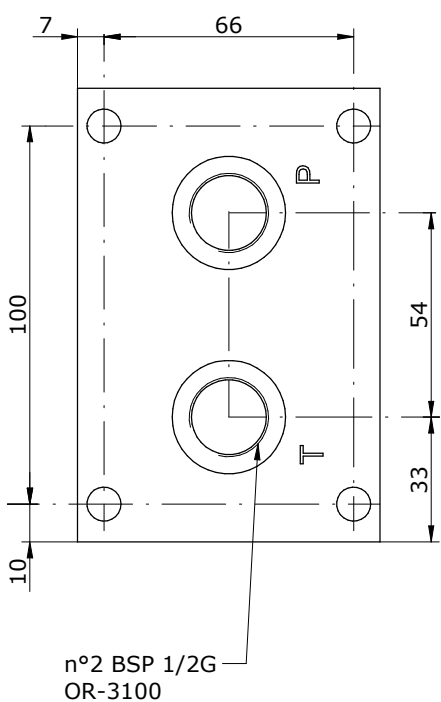
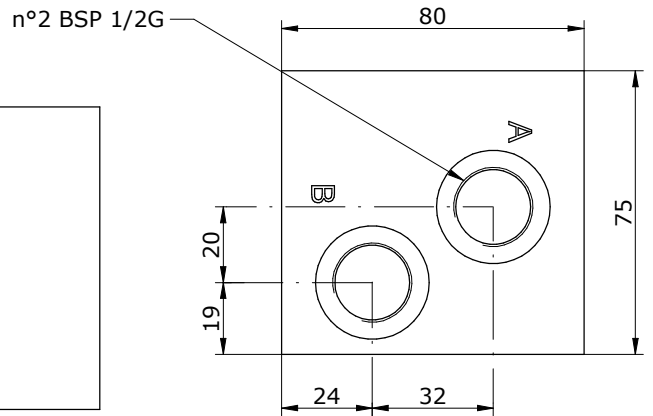
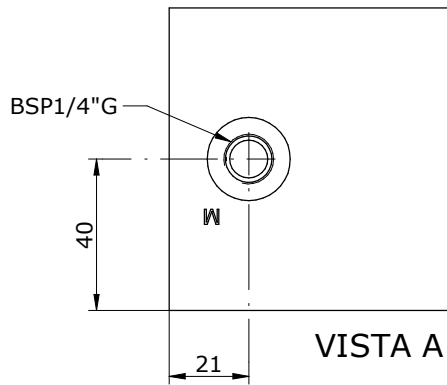
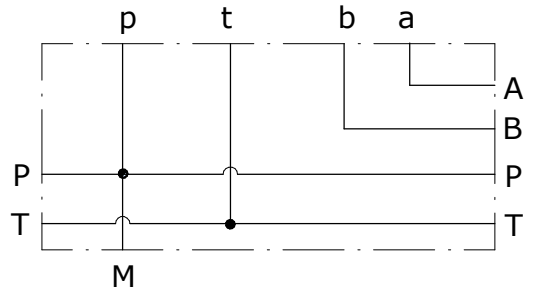
**S = STEEL
A = ALUMINIUM**

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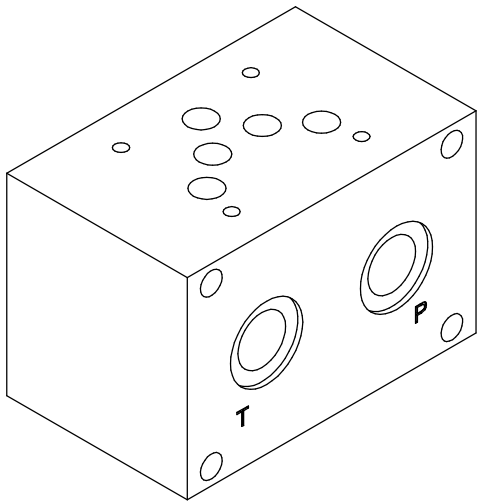


Schema idraulico
 Hydraulic diagram

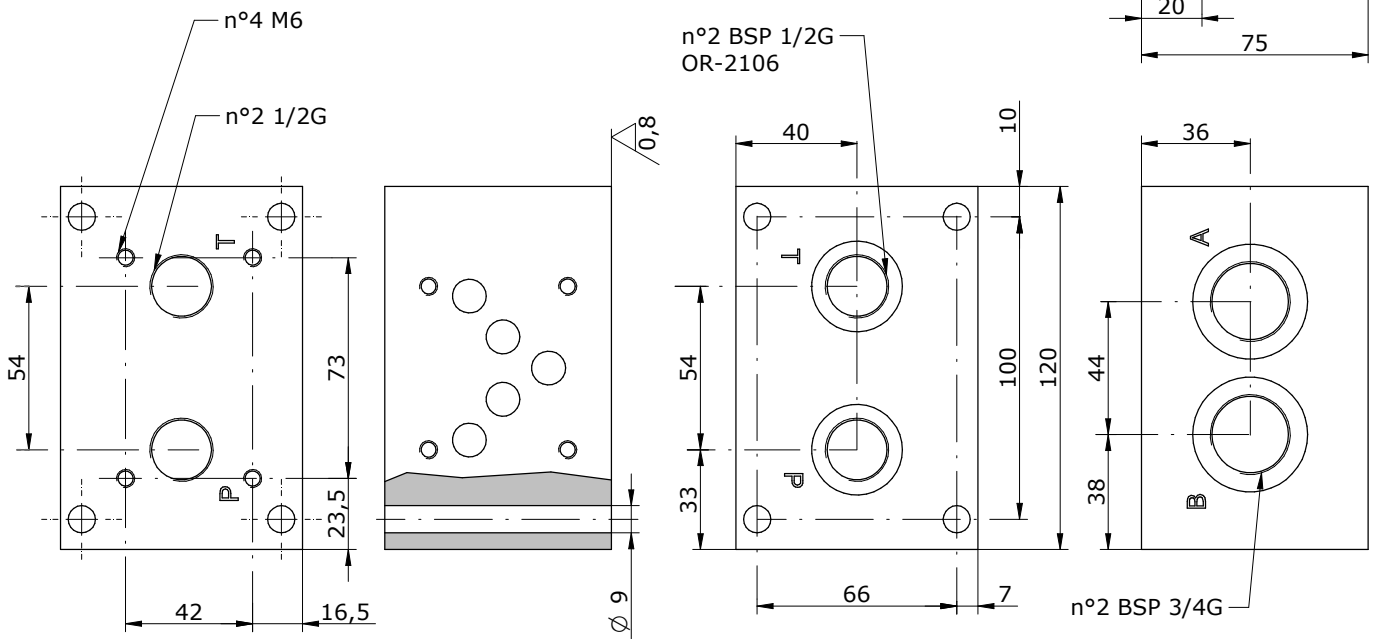
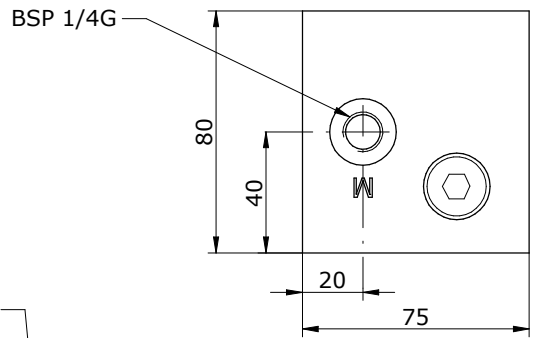
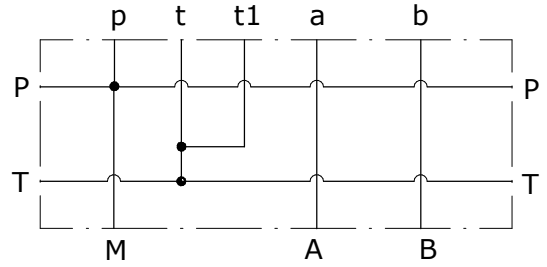


E_ 610 - 25 - 12

S = STEEL
A = ALUMINIUM



Schema idraulico
 Hydraulic diagram



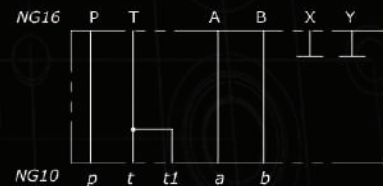
E_ 610 - 26 - 34

S = STEEL
A = ALUMINIUM

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Sezione BASI DI CHIUSURA E COLLEGAMENTO

Section END-PLATES SUB-PLATES



SEZIONE C-C

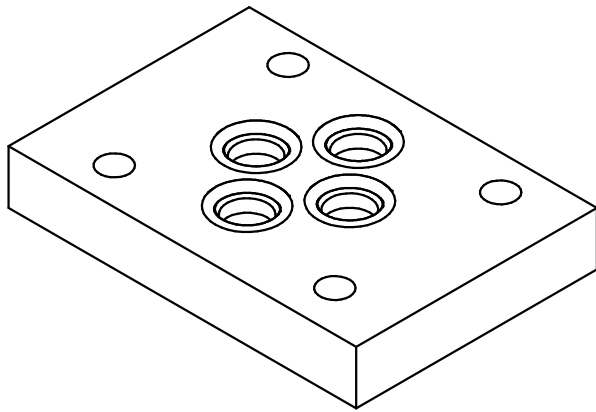
28027 Casoli di Gangi - PG - Via Copernico, 12
Tel. 0523 520331 - Fax 0523 524839

TOLLERANZA DI CARPENTERIA FINISSIMO

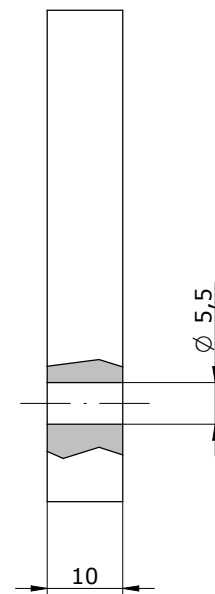
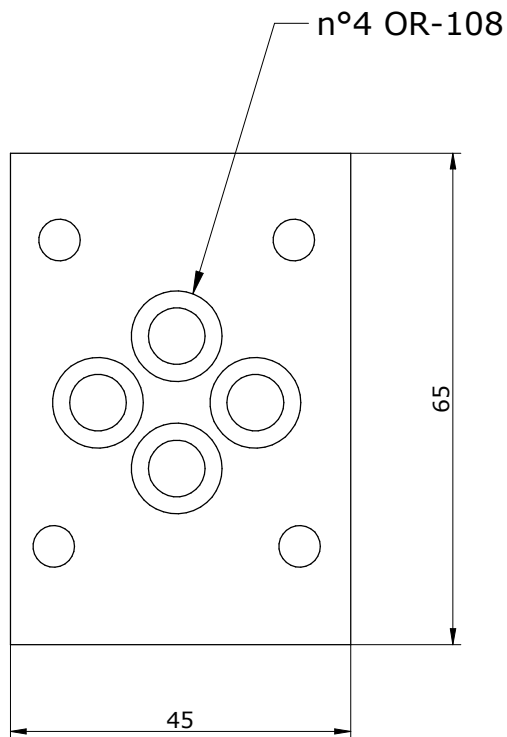
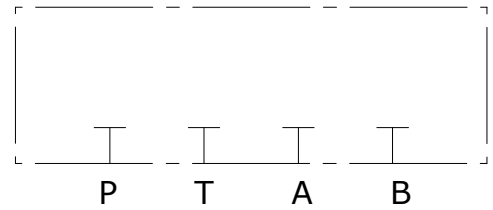
TOLLERANZE GENERALI PER LAVORAZI

	0,1	0,2	0,3	0,4	0,5
h	0,012	0,015	0,020	0,025	0,030
H	0,015	0,020	0,025	0,030	0,035
d	0,012	0,015	0,020	0,025	0,030
D	0,015	0,020	0,025	0,030	0,035
e	0,012	0,015	0,020	0,025	0,030
E	0,015	0,020	0,025	0,030	0,035
f	0,012	0,015	0,020	0,025	0,030
F	0,015	0,020	0,025	0,030	0,035
g	0,012	0,015	0,020	0,025	0,030
G	0,015	0,020	0,025	0,030	0,035
i	0,012	0,015	0,020	0,025	0,030
I	0,015	0,020	0,025	0,030	0,035
k	0,012	0,015	0,020	0,025	0,030
K	0,015	0,020	0,025	0,030	0,035
m	0,012	0,015	0,020	0,025	0,030
M	0,015	0,020	0,025	0,030	0,035
n	0,012	0,015	0,020	0,025	0,030
N	0,015	0,020	0,025	0,030	0,035
p	0,012	0,015	0,020	0,025	0,030
P	0,015	0,020	0,025	0,030	0,035
r	0,012	0,015	0,020	0,025	0,030
R	0,015	0,020	0,025	0,030	0,035
s	0,012	0,015	0,020	0,025	0,030
S	0,015	0,020	0,025	0,030	0,035
t	0,012	0,015	0,020	0,025	0,030
T	0,015	0,020	0,025	0,030	0,035
u	0,012	0,015	0,020	0,025	0,030
U	0,015	0,020	0,025	0,030	0,035
v	0,012	0,015	0,020	0,025	0,030
V	0,015	0,020	0,025	0,030	0,035
w	0,012	0,015	0,020	0,025	0,030
W	0,015	0,020	0,025	0,030	0,035
x	0,012	0,015	0,020	0,025	0,030
X	0,015	0,020	0,025	0,030	0,035
y	0,012	0,015	0,020	0,025	0,030
Y	0,015	0,020	0,025	0,030	0,035
z	0,012	0,015	0,020	0,025	0,030
Z	0,015	0,020	0,025	0,030	0,035
z	0,012	0,015	0,020	0,025	0,030
Z	0,015	0,020	0,025	0,030	0,035
z	0,012	0,015	0,020	0,025	0,030
Z	0,015	0,020	0,025	0,030	0,035

17/07/2014



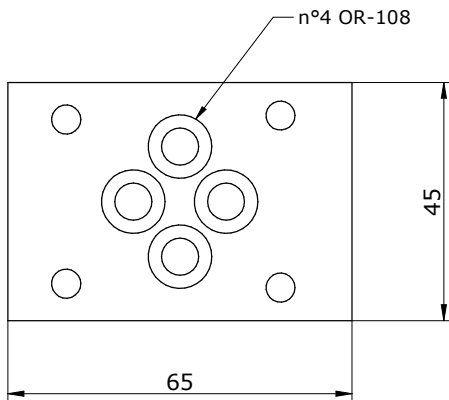
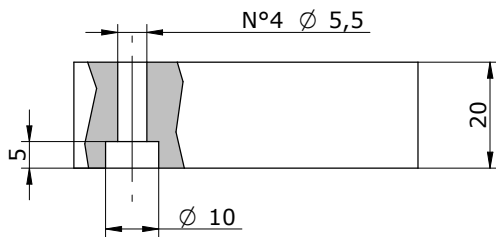
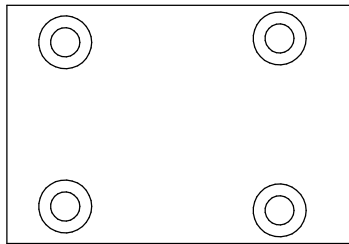
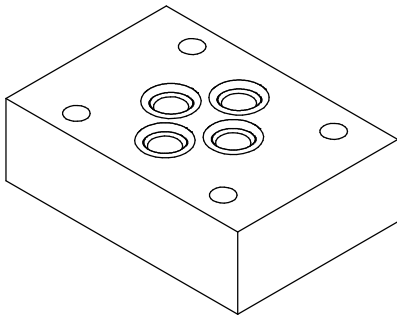
Schema idraulico
Hydraulic diagram



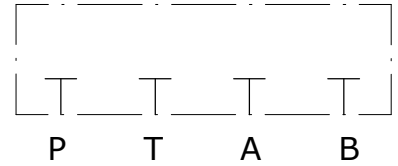
E_ 06 - 00 - 10

S = STEEL

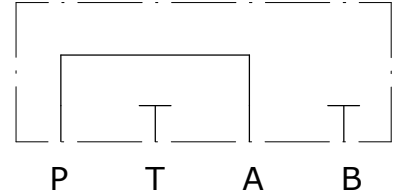
Schema idraulico
Hydraulic diagram



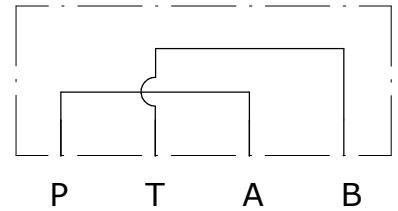
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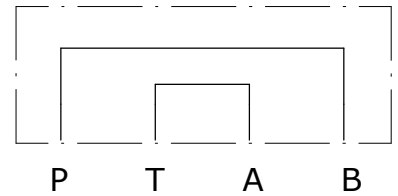
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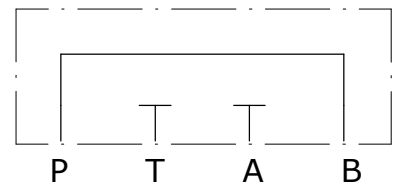
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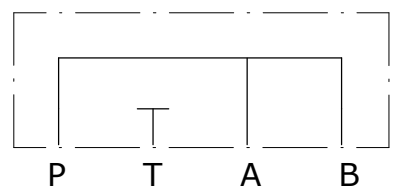
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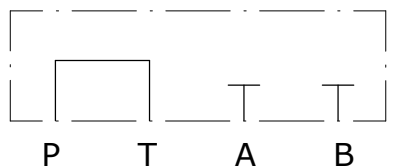
4



5



6



E_ 06 - 00 - 20 -

S = STEEL
A = ALUMINIUM

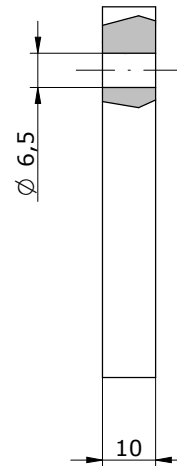
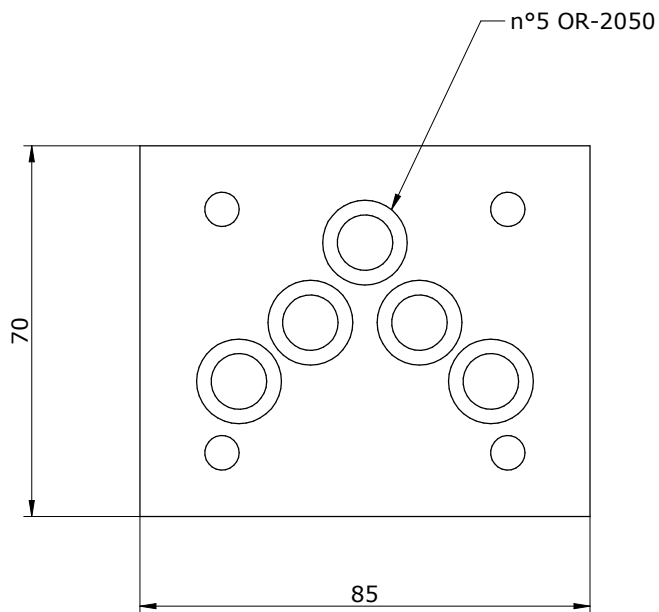
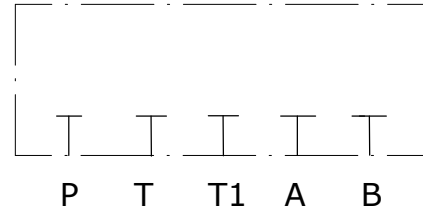
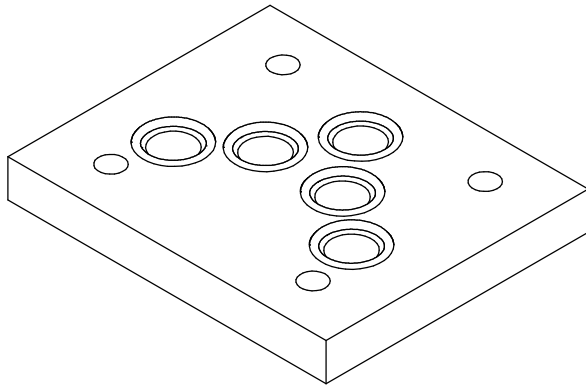
SEE DIAGRAMS

**ORDINE MINIMO: 2 PEZZI
MINIMUM ORDER: 2 PCS**

Via Nicolò Copernico 12/c-d
29027 Casoni Di Gariga - Podenzano (PC) Italy

www.oleodinamica2mp.it
Tel +39 0523 523231
Fax +39 0523 524509

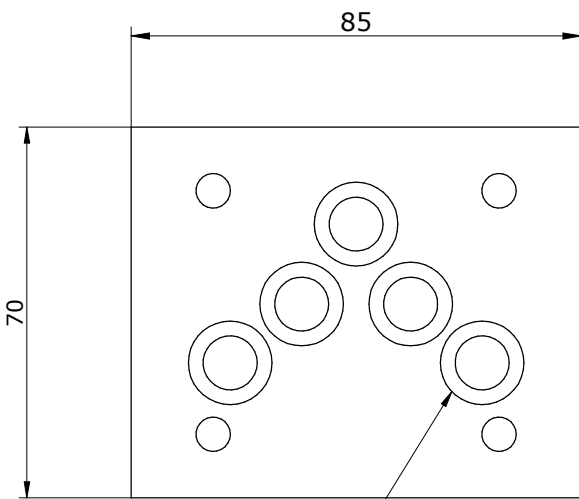
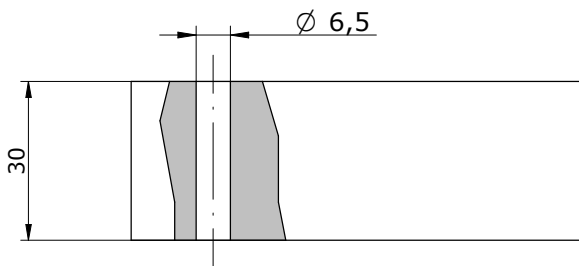
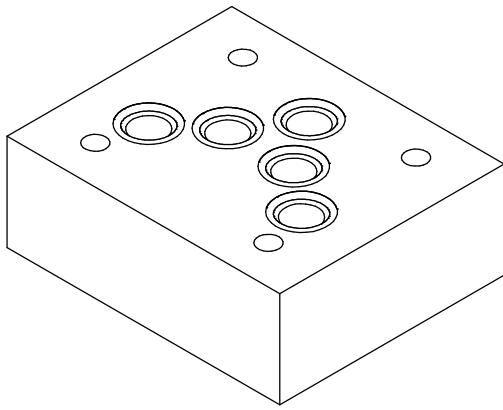
Schema idraulico
Hydraulic diagram



E_ 10 - 00 - 10

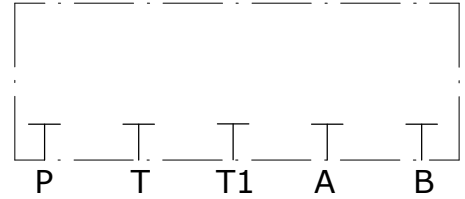
S = STEEL

Schema idraulico
Hydraulic diagram

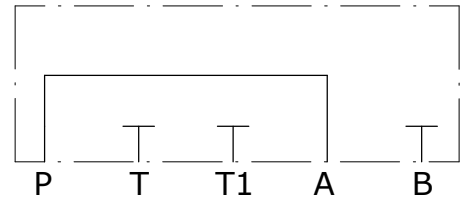


N°5 OR-2050

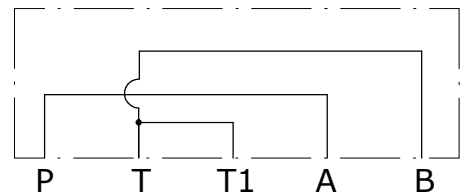
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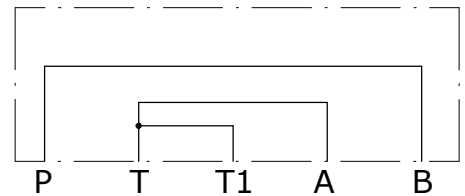
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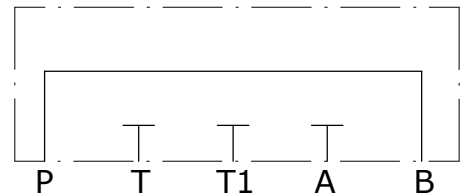
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3



4

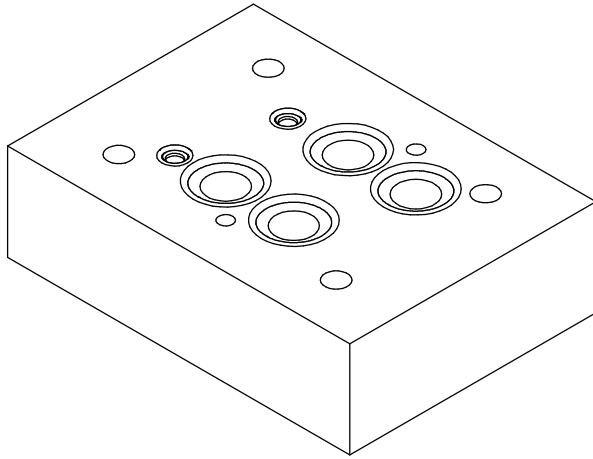


E_ 10 - 00 - 20 -

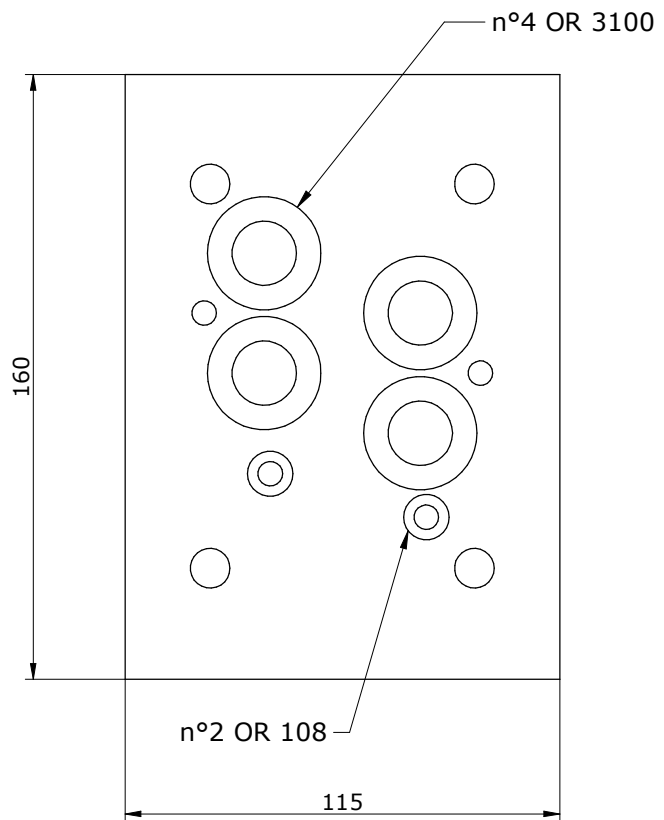
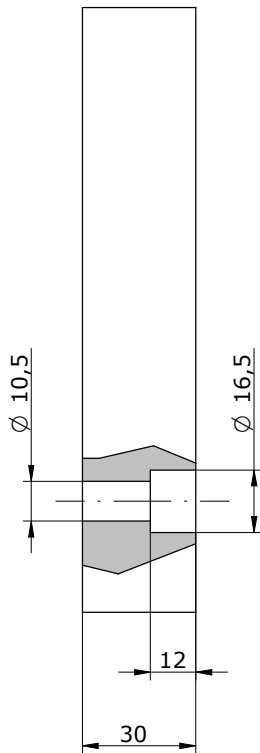
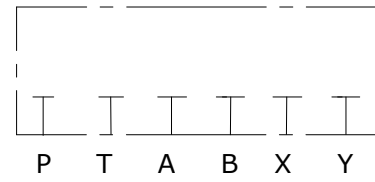
S = STEEL

SEE DIAGRAMS

**ORDINE MINIMO: 2 PEZZI
MINIMUM ORDER: 2 PCS**



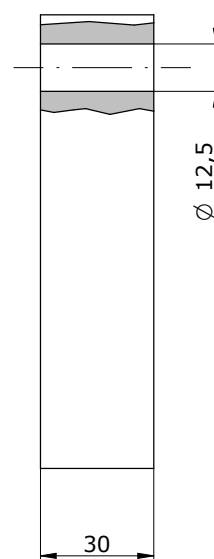
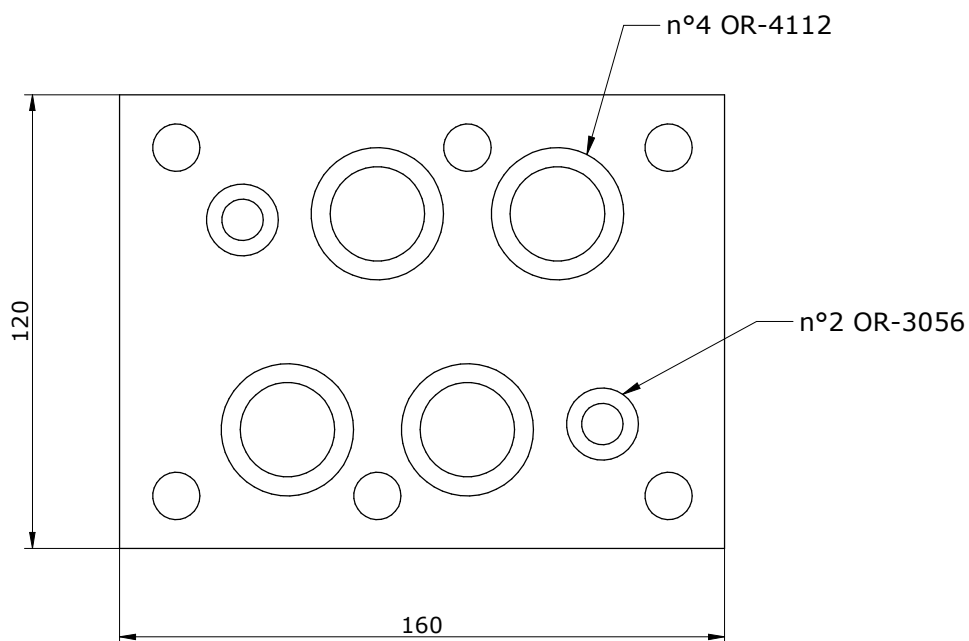
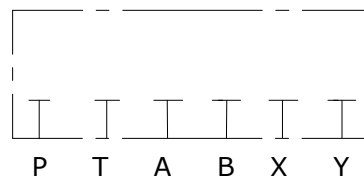
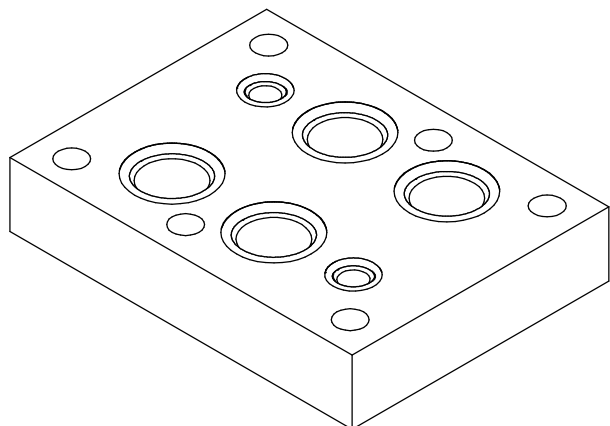
Schema idraulico
Hydraulic diagram



E_ 16 - 03 - 30 - 0

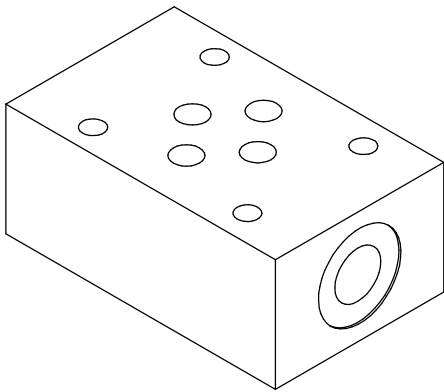
S = STEEL

Schema idraulico
Hydraulic diagram

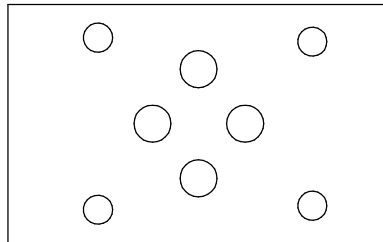


E_ 25 - 00 - 30 - 0

S = STEEL



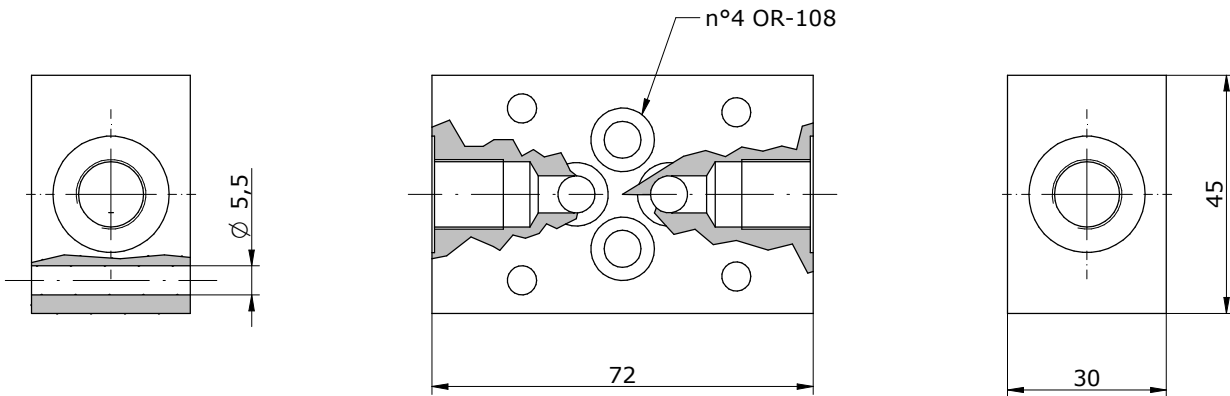
COD.	DIAGRAMS	
	1	A+B
2	A	ON REQUEST
3	B	ON REQUEST
4	P+T	STANDARD
5	P	ON REQUEST
6	T	ON REQUEST



NOTA/NOTE

I CODICI **2, 3, 5** E **6** SONO REALIZZATI TAPPANDO L'ATTACCO NON UTILIZZATO

*CODES **2, 3, 5** AND **6** ARE ACHIEVED USING A PLUG IN THE NON REQUIRED PORT*



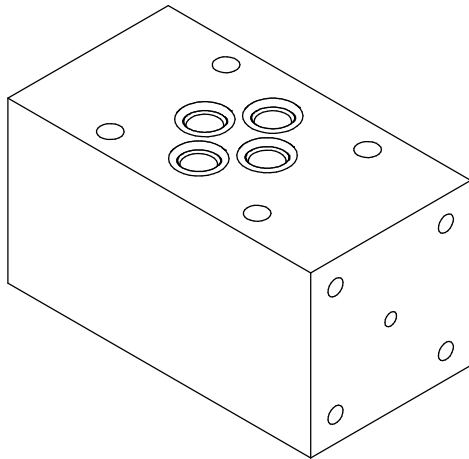
E_ 06 - 01 - _ - _

S = STEEL

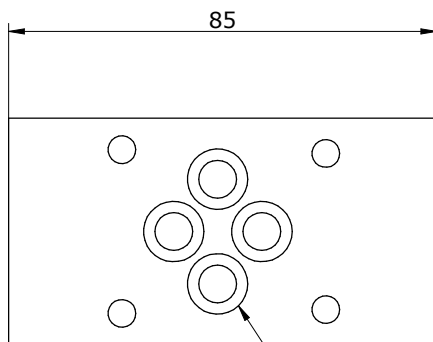
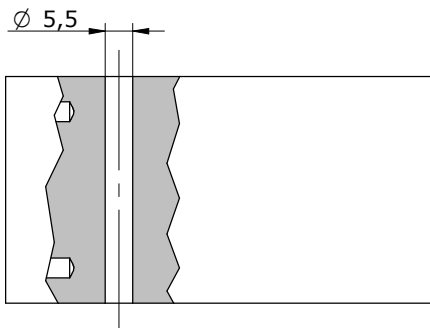
SEE TABLE

14= BSP 1/4G

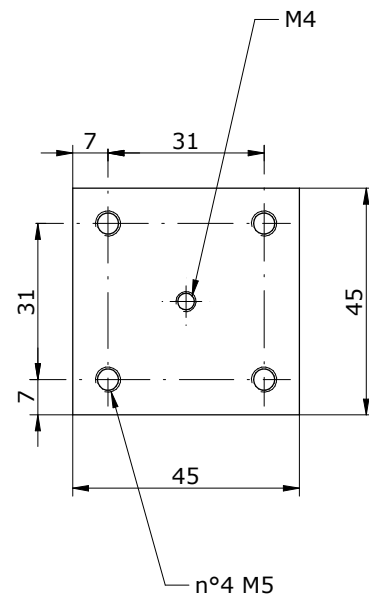
38= BSP 3/8G



COD.	DIAGRAMS	
	0	BLIND
1	A+B	STANDARD
2	A	STANDARD
3	B	STANDARD
5	P	STANDARD



n°4 OR-108

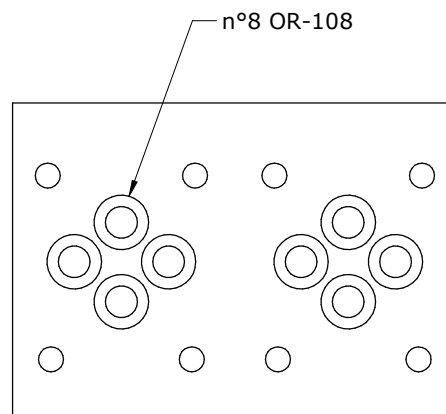
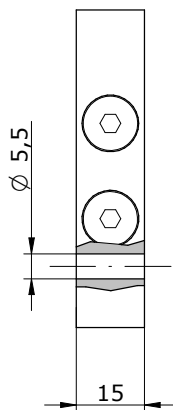
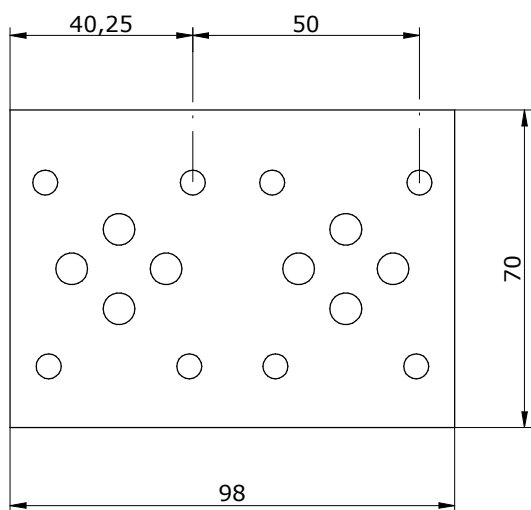
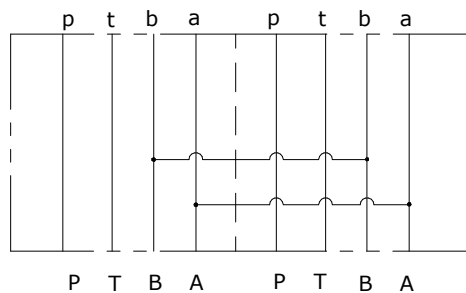
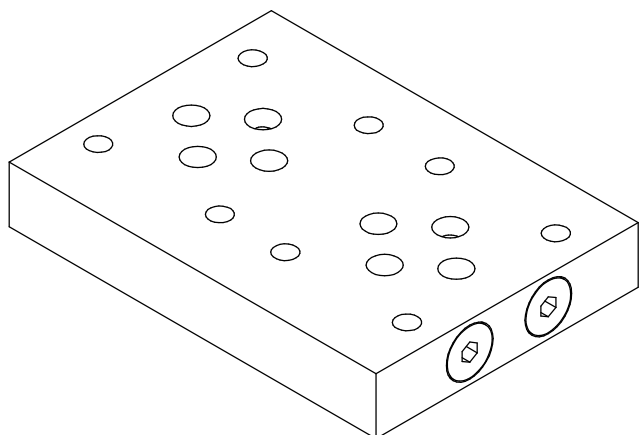


E_ 610 - 06 -

S = STEEL
A = ALUMINIUM

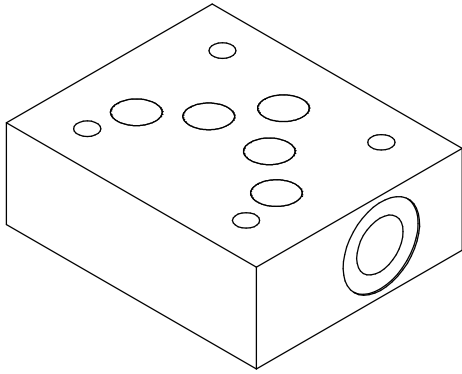
SEE TABLE

Schema idraulico
 Hydraulic diagram

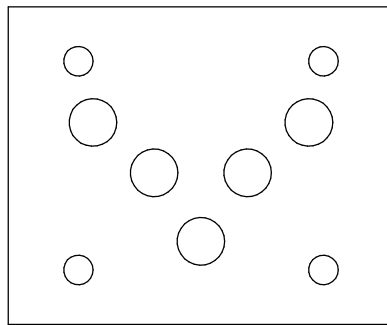


E_ 06 - 36 - 00

A = ALUMINIUM



COD.	DIAGRAMS	
	1	A+B
2	A	ON REQUEST
3	B	ON REQUEST
4	P+T	STANDARD
5	P	ON REQUEST
6	T	ON REQUEST

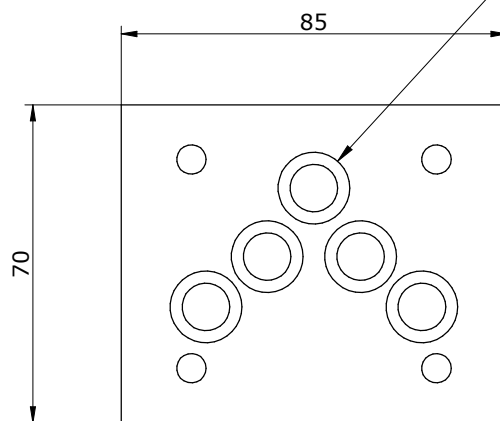
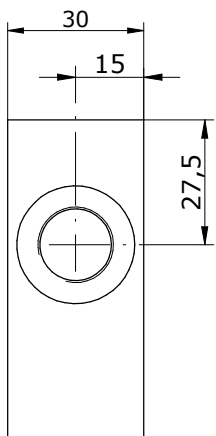


NOTA/NOTE

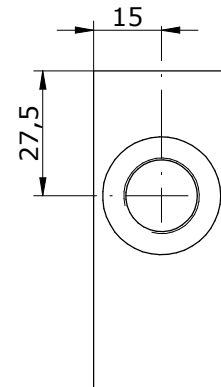
I CODICI **2, 3, 5** E **6** SONO REALIZZATI TAPPANDO L'ATTACCO NON UTILIZZATO

*CODES **2, 3, 5** AND **6** ARE ACHIEVED USING A PLUG IN THE NON REQUIRED PORT*

$\varnothing 6,5$



n°5 OR-2050



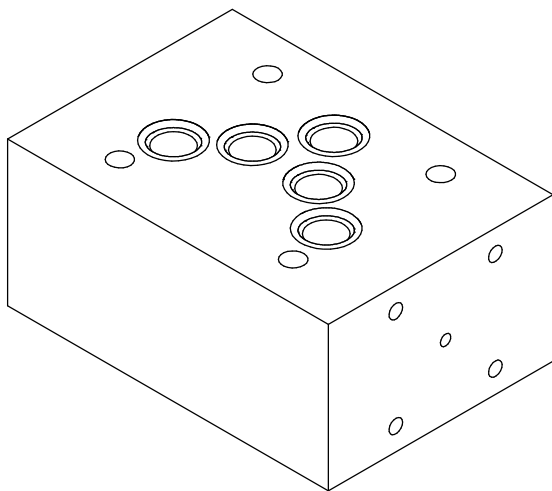
E_ 10 - 10 -

S = STEEL

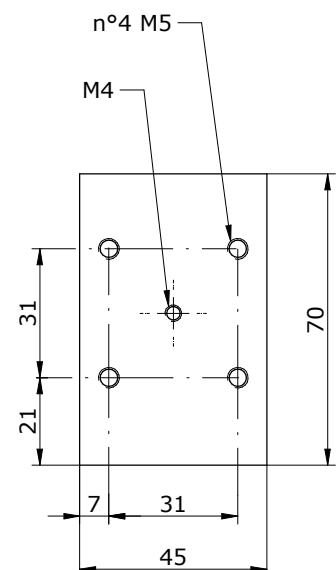
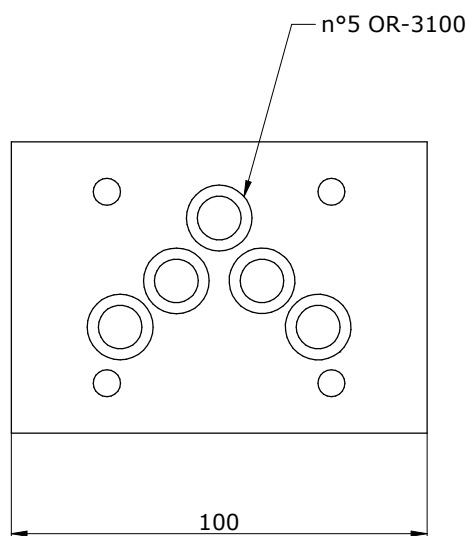
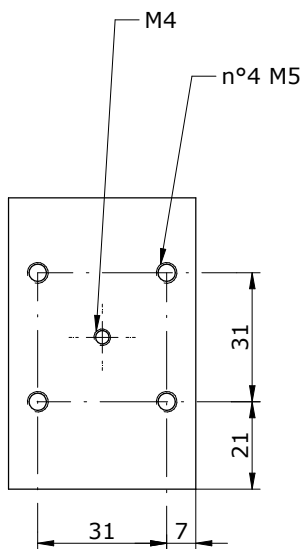
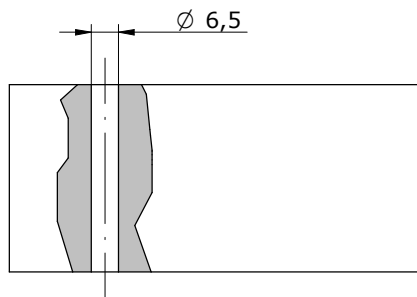
SEE TABLE

14 = BSP 1/4G

38 = BSP 3/8G



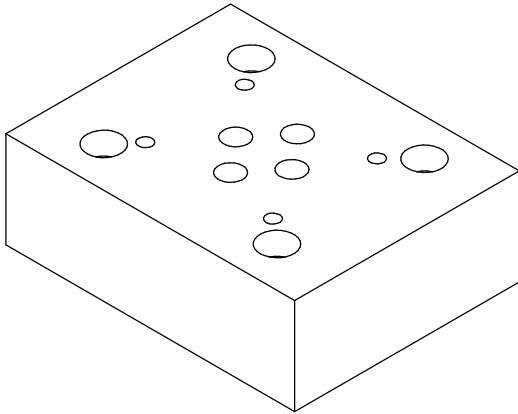
CODE	DIAGRAMS	
1	A+B	STANDARD
2	A	STANDARD
3	B	STANDARD
5	P	ON REQUEST



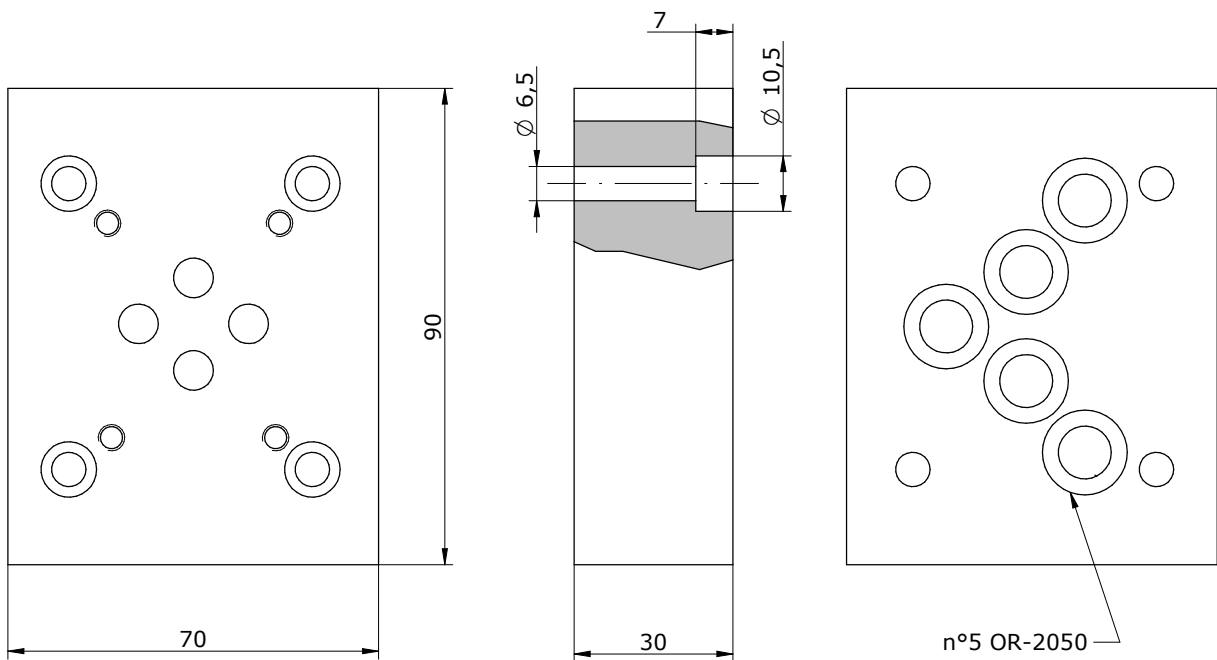
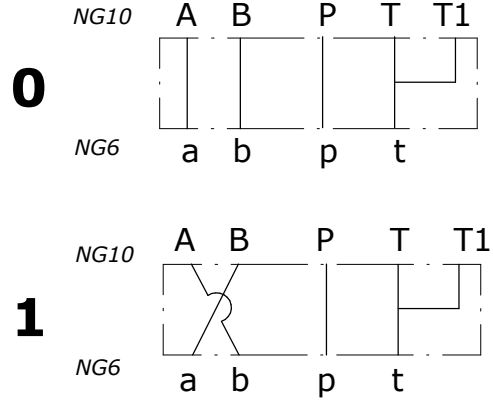
E_ 610 - 10 -

S = STEEL

SEE TABLE



Schema idraulico
Hydraulic diagram

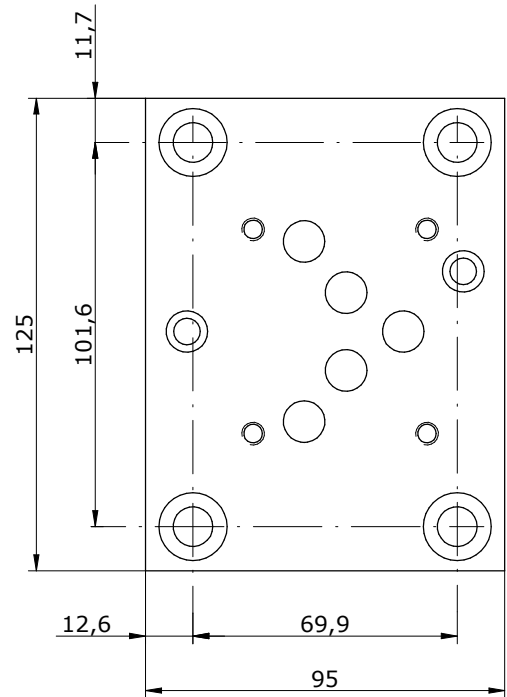
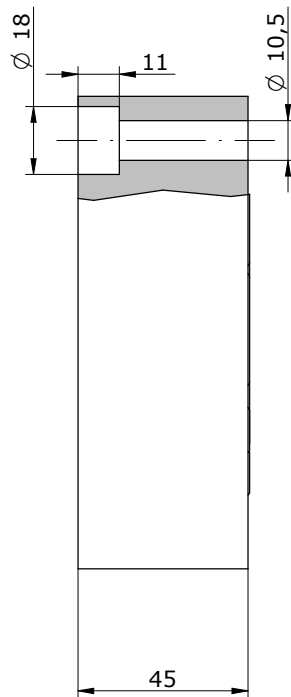
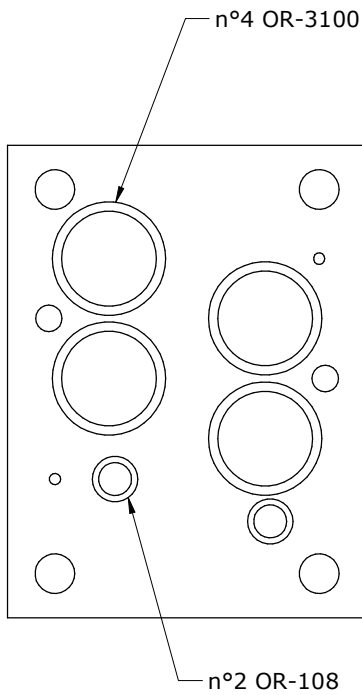
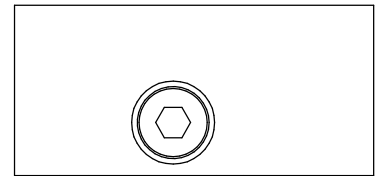
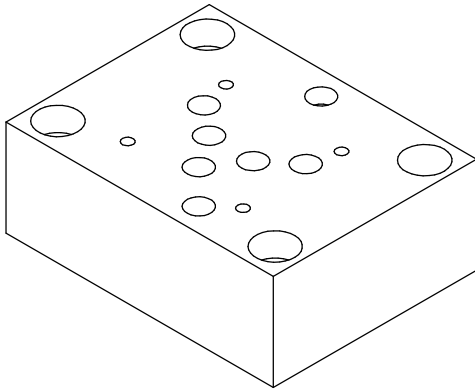
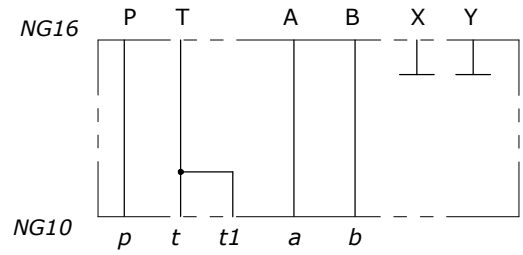


E_ 610 - 05 -

**S = STEEL
A = ALUMINIUM**

SEE DIAGRAMS

Schema idraulico
Hydraulic diagram



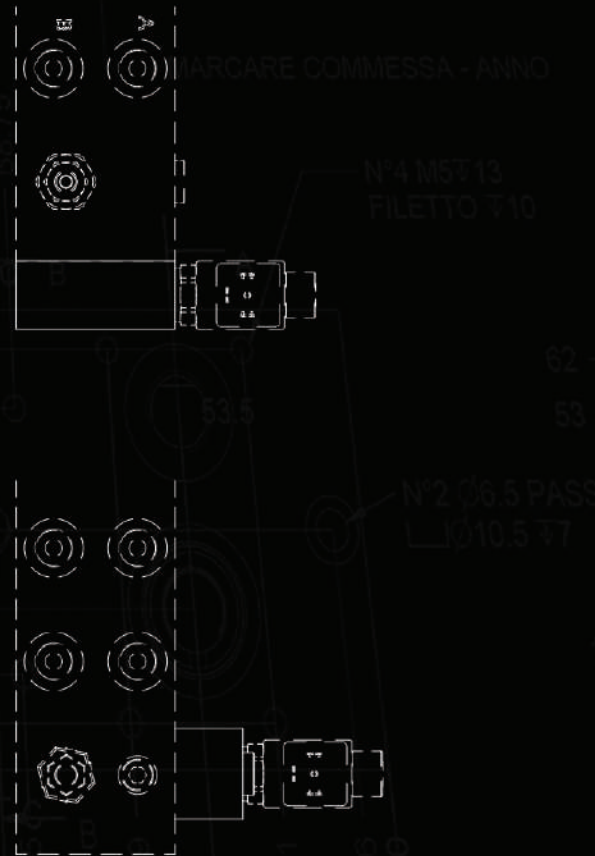
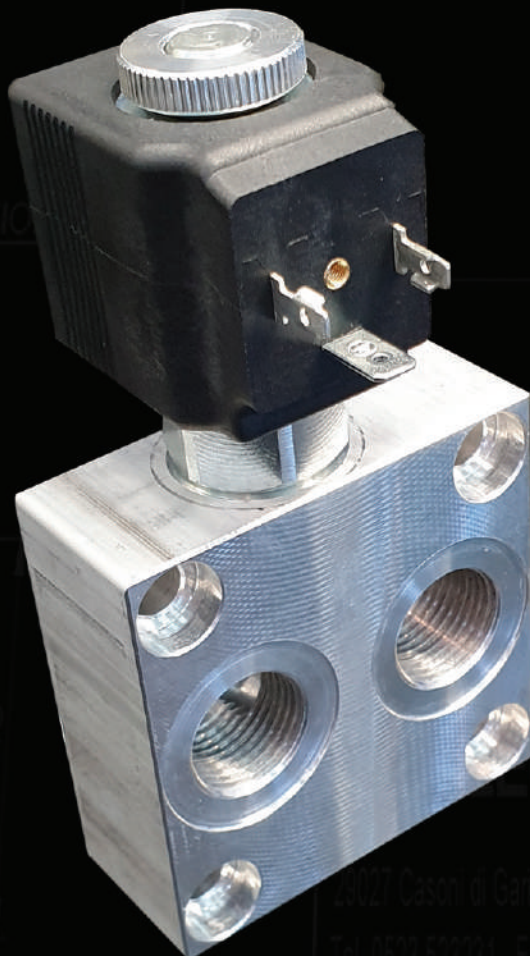
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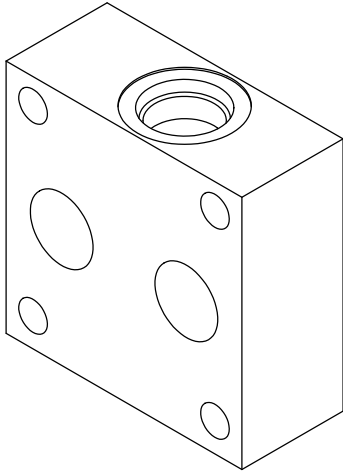
S = STEEL

OLEODINAMICA 2mp

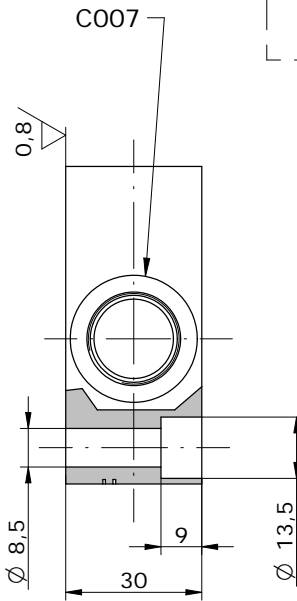
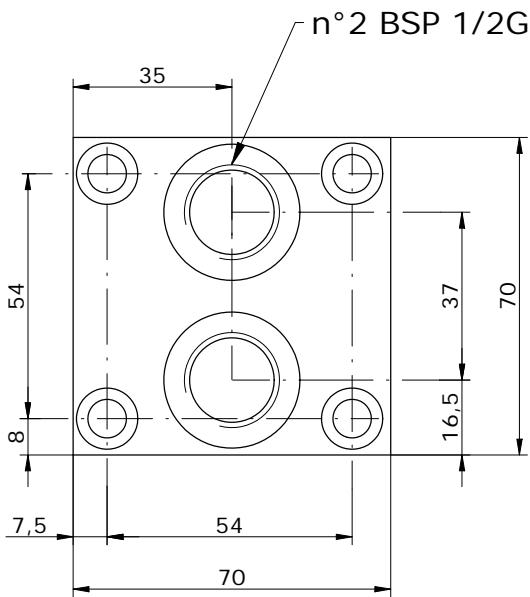
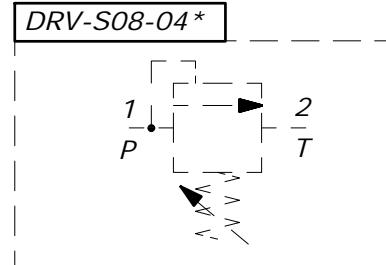
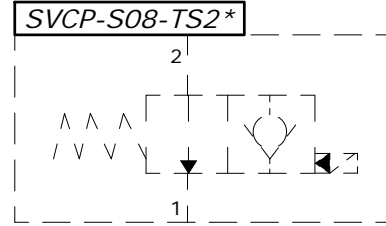
**Sezione
MODULI
ACCESSORI**

**Section
ACCESSORY
MODULES**

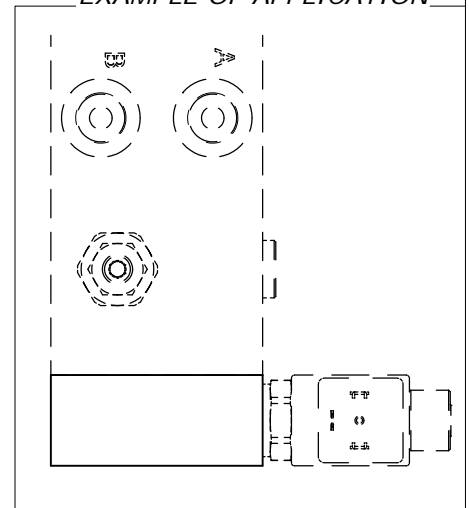




Schema idraulico
Hydraulic diagram



EXAMPLE OF APPLICATION



TIPI DI REGOLAZIONE PER V. MAX
REGULATION TYPE FOR RELIEF VALVE

	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	I	INVOLABILE NON ADJUSTABLE

Valvole vendute separatamente
Valves sold separately

**DISPONIBILE PER/
AVAILABLE FOR:**

E_ 06-12

E_ 06-21

E_ 06 - 17 - 12 -

S = STEEL
A = ALUMINIUM

0 = VALVE READY
1 = WITH VENTING VALVE
2 = WITH RELIEF VALVE

000 = WITHOUT V.V.
TS2 = NORMALLY OPEN
DRV = RELIEF VALVE

SEALS
N = BUNA
V = VITON

0 = WITHOUT R.V.
1 = 15-60 bar
2 = 25-135 bar
3 = 50-220 bar
4 = 120-350 bar

VENTING VALVE
0 = NO MANUAL OVERRIDE
3 = PUSH PIN
4 = PUSH BOTTON
5 = HEX. ALLEN
RELIEF VALVE
0 = WITHOUT R.V.
H = HEX. HEAD SCREW
I = NOT ADJUSTABLE

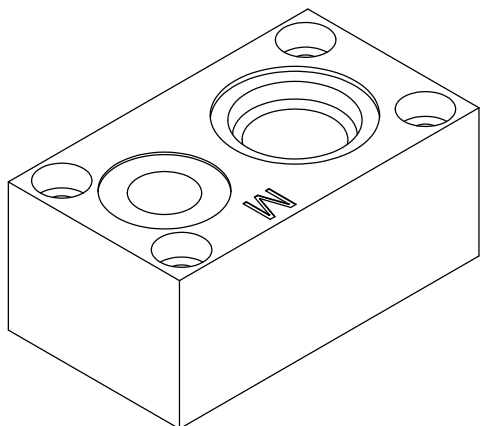
CONNECTOR TYPE
0 = WITHOUT COIL
C = CAVI / LEADS
D = DIN 43650
G = DEUTSCH DT04-2P
A = AMP JUNIOR

TENSIONE / VOLTAGE
000 = WITHOUT COIL
D12 = 12 VDC
D24 = 24 VDC
220 = 220 RAC

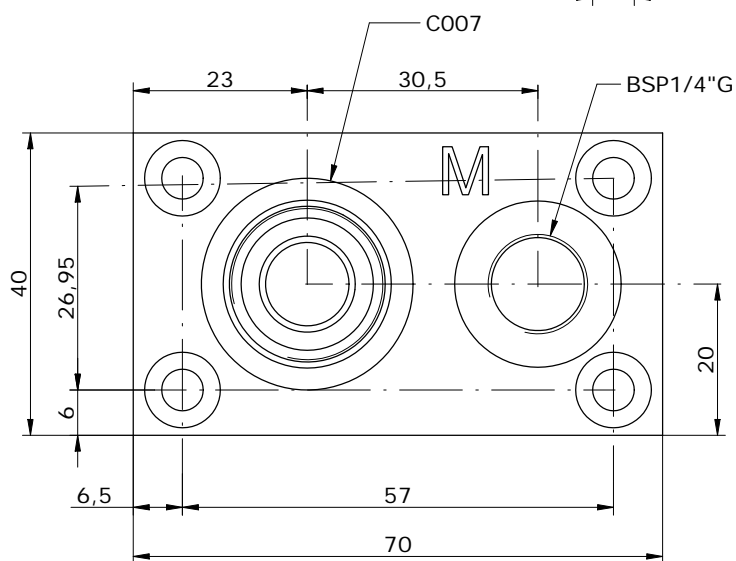
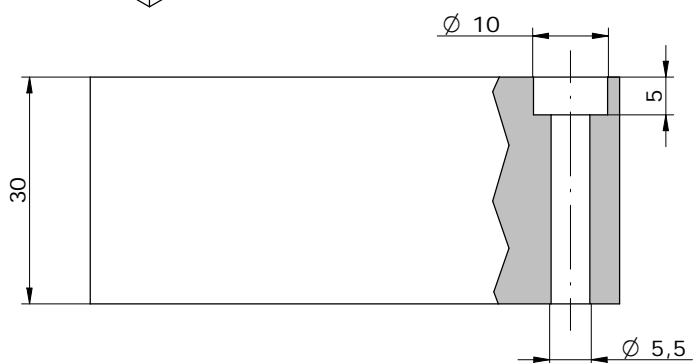
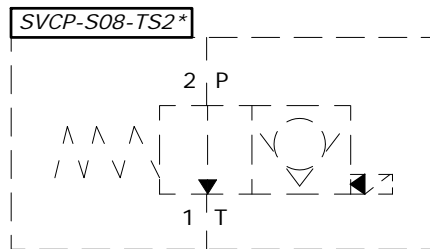
*see **CARTRIDGE VALVES** datasheets

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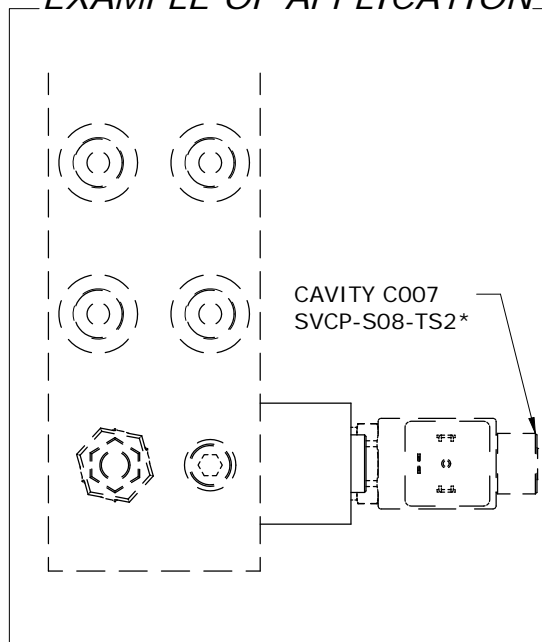
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Tel +39 0523 523231
Fax +39 0523 524509



Schema idraulico
Hydraulic diagram



EXAMPLE OF APPLICATION



Valvola elettrica venduta separatamente
Venting valve sold separately

**DISPONIBILE PER/
AVAILABLE FOR:**
E_06-21

E_06 - 24 - - - - -

S = STEEL
A = ALUMINIUM

0 = VENTING VALVE READY
1 = WITH VENTING VALVE

VENTING VALVE
000 = WITHOUT V.V.
TS2 = NORMALLY OPEN

SEALS
N = BUNA
V = VITON

VENTING VALVE
0 = NO MANUAL OVERRIDE
3 = PUSH PIN
4 = PUSH BOTTON
5 = HEX. ALLEN

CONNECTOR TYPE
0 = WITHOUT COIL
C = CAVI / LEADS
D = DIN 43650
G = DEUTSCH DT04-2P
A = AMP JUNIOR

TENSIONE / VOLTAGE
000 = WITHOUT COIL
D12 = 12 VDC
D24 = 24 VDC
220 = 220 RAC

*see CARTRIDGE VALVES datasheets

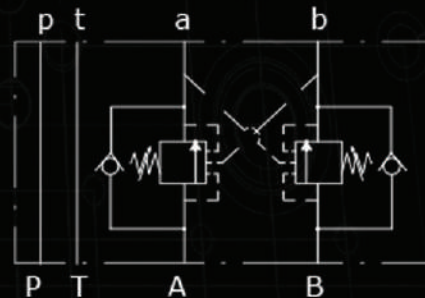
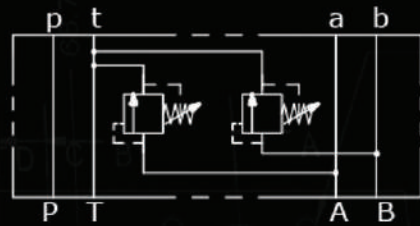
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OLEODINAMICA 2mp

Sezione VALVOLE MODULARI

Section MODULAR VALVES



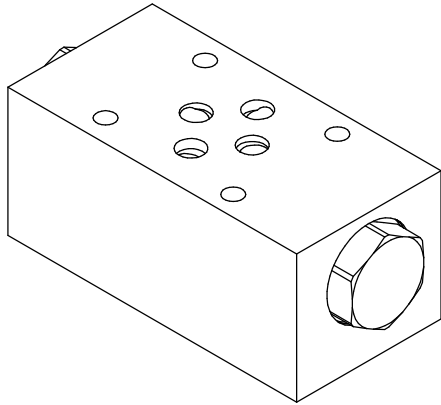
2007 Casoli di Gaiole PC - Via Copernico, 12
Tel. 0523 523231 - Fax 0523 524839

TOLLERANZA DI CARPENTERIA FINITO

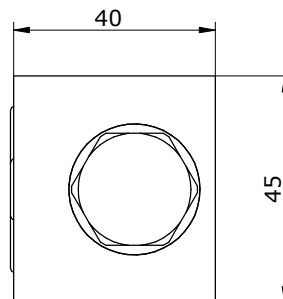
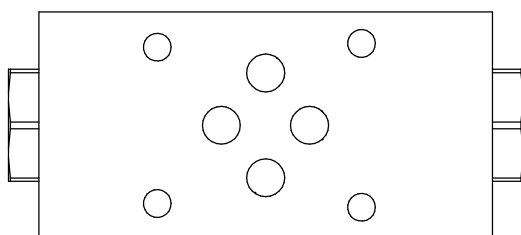
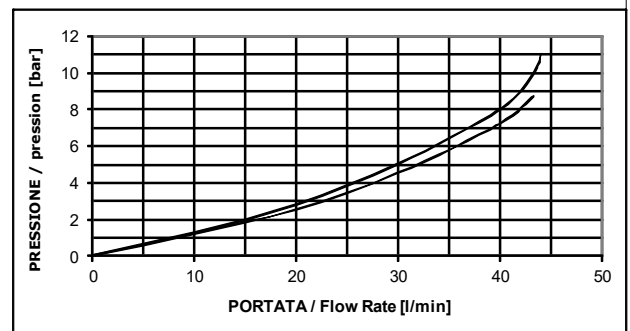
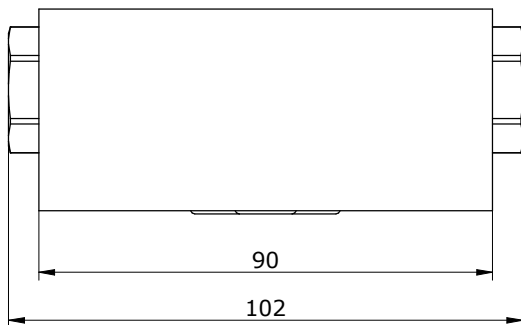
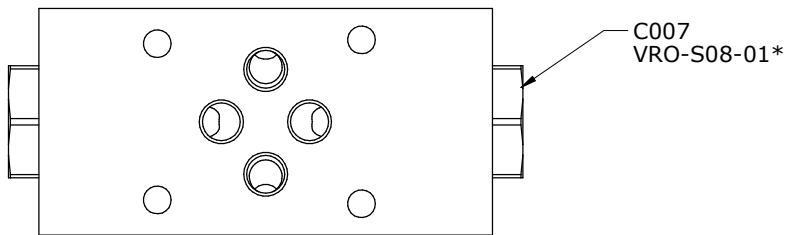
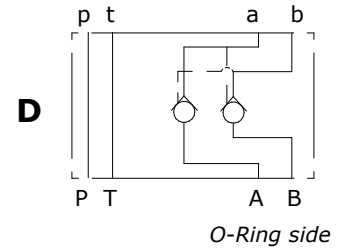
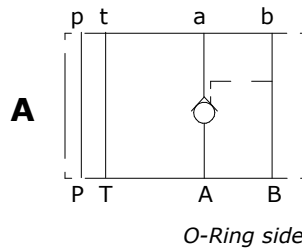
TOLLERANZE GENERALI PER LAVORAZ

	0	6	10	15	30
ALBERI	+0,1	+0,2	+0,3	+0,4	+0,5
FILETTI	+0,1	+0,2	+0,3	+0,4	+0,5
ALTRA	+0,05	+0,1	+0,15	+0,2	+0,3

17/07/2014



Schema idraulico
Hydraulic diagram



MV_06 - CP - - - - 10

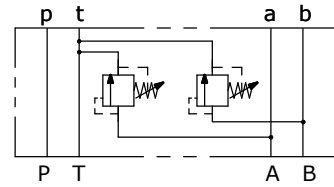
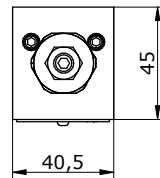
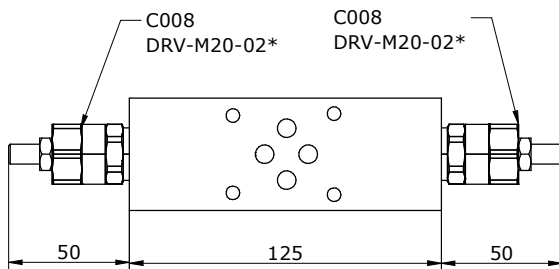
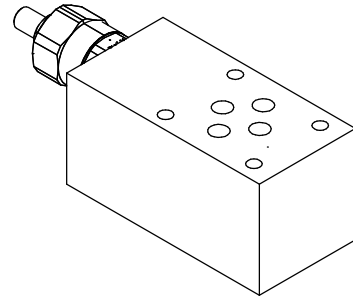
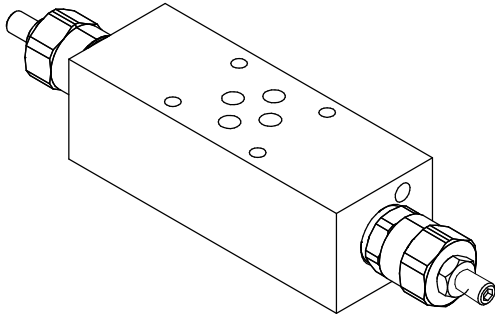
S = STEEL
A = ALUMINIUM

D = DOUBLE
A = PORT A

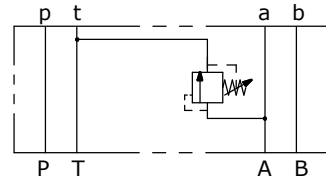
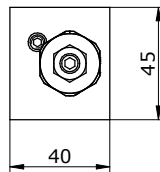
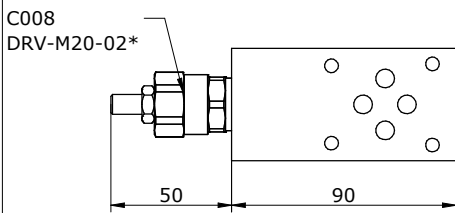
SERIES

35 = 1:3.5 PILOT RATIO

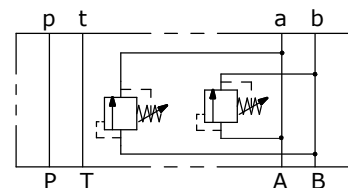
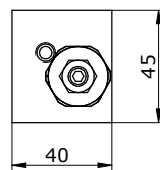
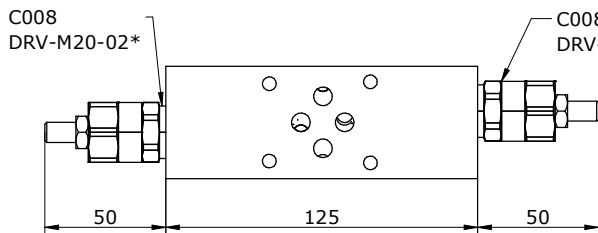
*see **CARTDRIGE VALVES** datasheets



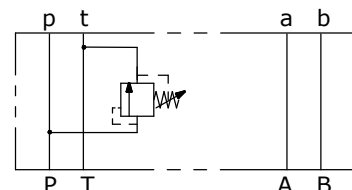
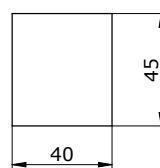
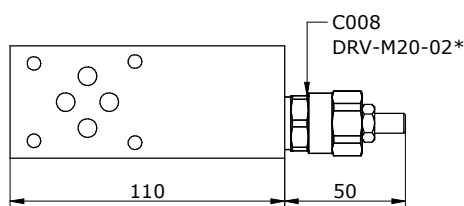
DT



AT

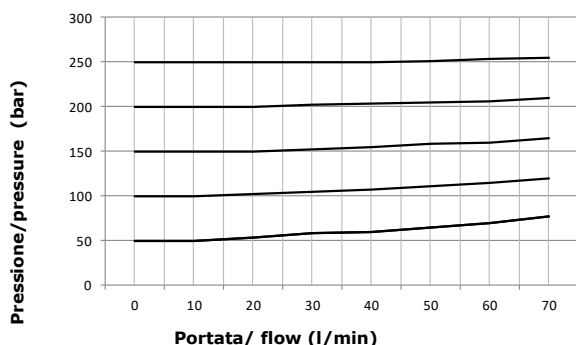


D






P

PRESTAZIONI
PERFORMANCES



TIPI DI REGOLAZIONI
REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE

MV_06 - RV - - - - - 10

S = STEEL
A = ALUMINIUM

DT = A vs. T ; B vs. T
AT = A vs. T
D = A vs. B ; B vs. A
P = P vs. T

1 = 5-55 bar
2 = 25-110 bar
3 = 50-215 bar
4 = 100-350 bar
5 = 100-420 bar

SERIES

H = HEAD SCREW
K = KNOB
C = COVER CAP NOT ADJUSTABLE

N = NBR (standard)
V = VITON

*see **CARTDRIGE VALVES** datasheets

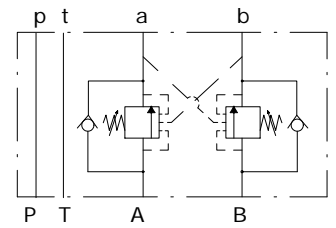
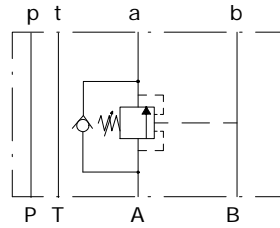
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 29027 Casoli Di Gariga - Podenzano (PC) Italy

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 Tel +39 0523 523231
 Fax +39 0523 524509

Schema idraulico
 Hydraulic diagram

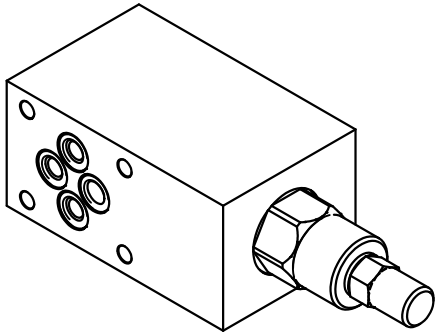
(A)

(D)

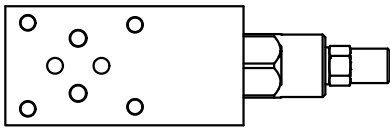
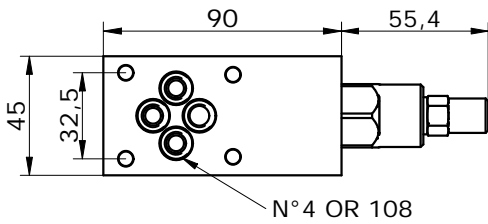


O-Ring Side

O-Ring Side



version **A**



version **D**

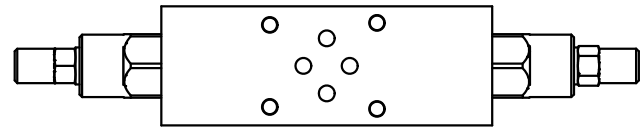
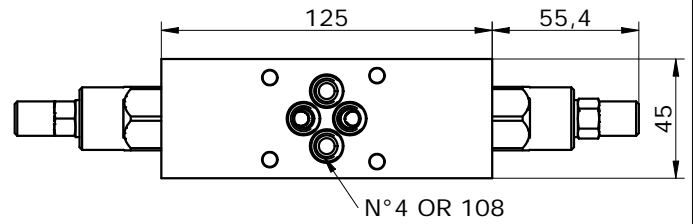
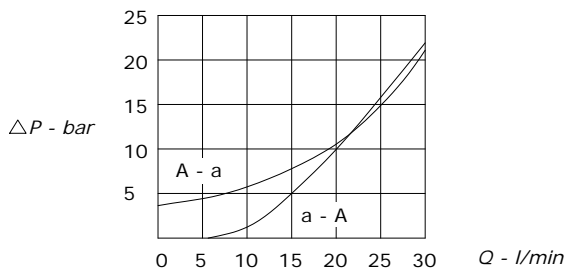


Diagramma perdite di carico
 Pressure drop curves



MV_06 - OV - - - - - 10

S = STEEL

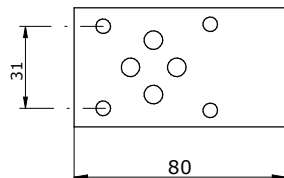
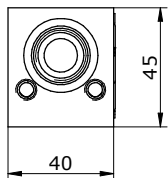
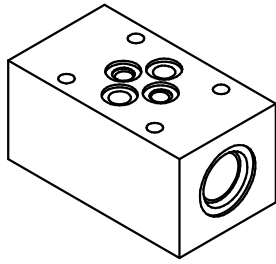
D = DOUBLE
 A = PORT A

N = NORMAL

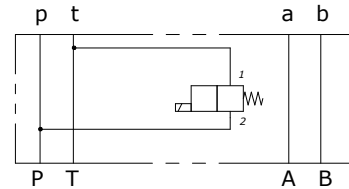
SERIES

3 = 100 - 350 bar

1 = 4,5:1 PILOT RATIO

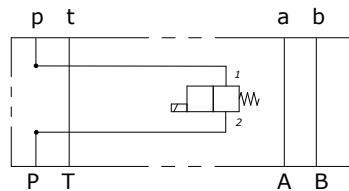


SAE 08
C007



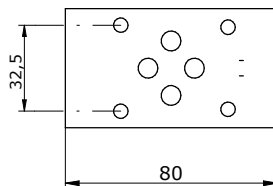
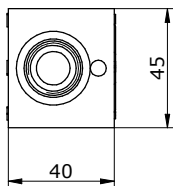
01

O-Ring side

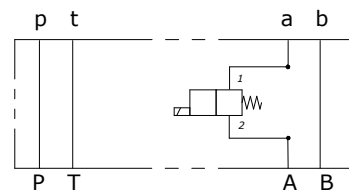


02

O-Ring side

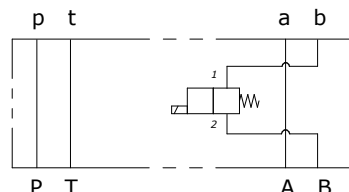


SAE08
C007



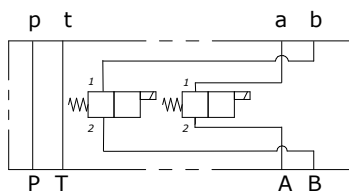
03

O-Ring side



05

O-Ring side



07

O-Ring side

NOTA/NOTE

I CODICI **03** E **05** SONO
 REALIZZATI TAPPANDO
 LA CAVITA' NON UTILIZZATA

CODES **03** AND **05** ARE
 ACHIEVED USING A PLUG IN THE
 NON REQUIRED CAVITY

E_ 610 - 15 - _____



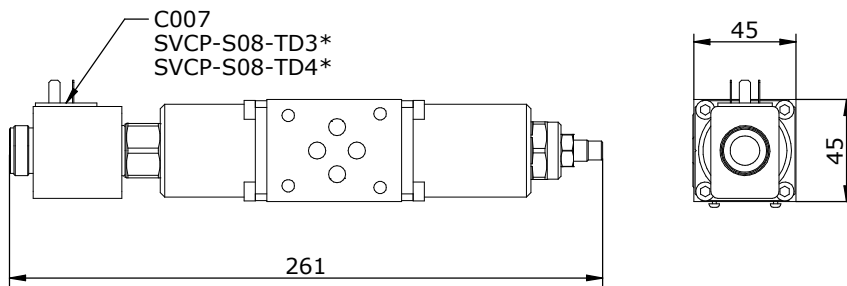
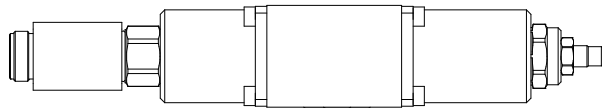
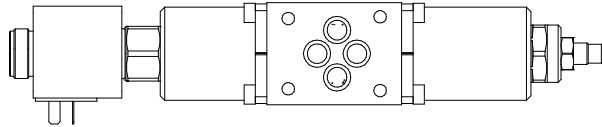
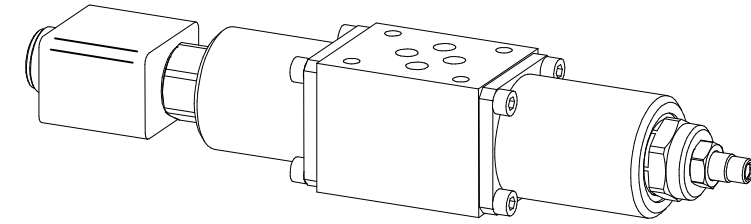
S = STEEL
A = ALUMINIUM



SEE DIAGRAMS

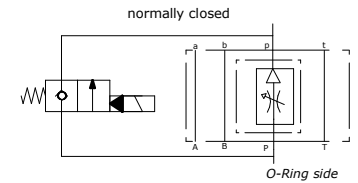
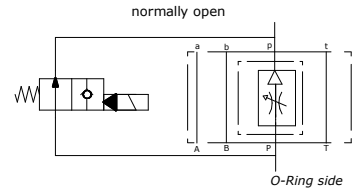
**VALVOLA DI REGOLAZIONE PORTATA RAPIDO-LENTO COMPENSATA
A COMANDO ELETTRICO
PRESSURE COMPENSATED ELECTRICAL HI-LOW FLOW
REGULATION VALVE**

**OLEODINAMICA
2mp**

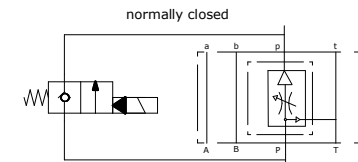
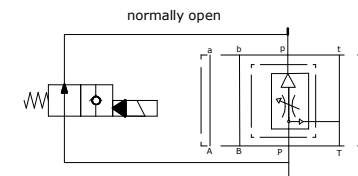


Schema idraulico
Hydraulic diagram

MVS 06-FRRP-2

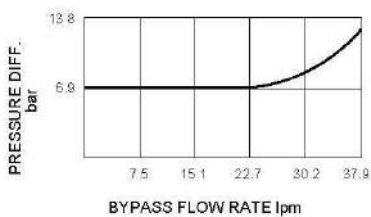
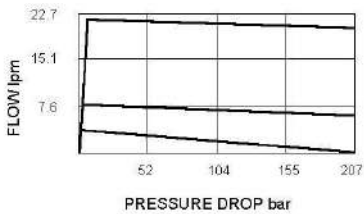


MVS 06-FRRP-3



**CARATTERISTICHE REGOLATORE DI FLUSSO
FLOW REGULATION VALVE PERFORMANCE**

**SERIE : 024 TO 289
RANGE: 024 TO 289**



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Fax +39 0523 524509

**VALVOLA DI REGOLAZIONE PORTATA RAPIDO-LENTO COMPENSATA
A COMANDO ELETTRICO
PRESSURE COMPENSATED ELECTRICAL HI-LOW FLOW
REGULATION VALVE**

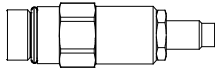
**OLEODINAMICA
2mp**

**OPZIONI DI REGOLAZIONE
ADJUSTMENT OPTIONS**

**SERIE : 024 TO 289
RANGE: 024 TO 289**

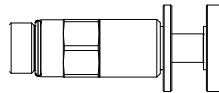
**SERIE : 390
RANGE : 390**

WITH HEX ALLEN HEAD



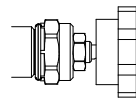
H

WITH ALUMINUM KNOB



K

WITH PLASTIC KNOB



MV_ 06 - FRR - - - - - 10

**S = STEEL
A = ALUMINIUM**

SERIES

P = REGULATION ON P

**2 = 2 PORTS
3 = 3 PORTS**

**TIPO CONNETTORE /
CONNECTOR TYPE
0 = SENZA BOBINE /
WITHOUT COIL
C = CAVI / LEADS
D = DIN 43650
G = DEUTSCH DT04-2P
A = AMP JUNIOR**

FLOW REGULATION

**024 = 1,42 TO 2,37 l/min
047 = 2,84 TO 4,73 l/min
096 = 5,68 TO 9,46 l/min
118 = 7,08 TO 11,81 l/min
141 = 8,52 TO 14,19 l/min
189 = 11,35 TO 18,93 l/min
236 = 14,19 TO 23,66 l/min
289 = 17,03 TO 28,93 l/min
390 = 0 TO 34 l/min**

**H = HEXAGONAL HEAD SCREW
K = KNOB**

**N = BUNA (standard)
V = VITON**

VENTING VALVE

**TS1 : NORMALLY CLOSED
TS2 : NORMALLY OPEN**

REGOLAZIONE / REGULATION

SVCP-S08-TS1	SVCP-08-TS2
0 = SENZA COMANDO MANUALE / WITHOUT MANUAL OVERRIDE	
1 = VITE / SCREW	3 = PRESSIONE SU SPINA / PUSH PIN
2 = SPINGA E GIRA / PUSH AND TWIST	4 = PRESSIONE SU BOTTONE / PUSH BOTTON
6 = TAPPO PREMUTO / PULL AND HOLD	5 = BRUGOLA / ALLEN

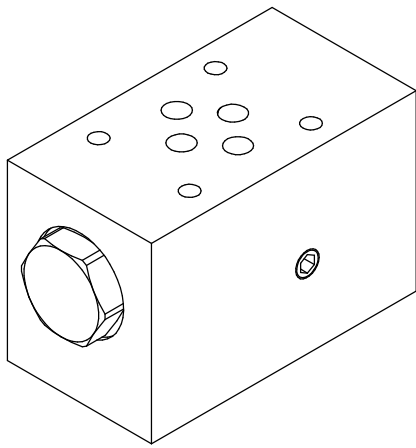
TENSIONE / TENSION

SVCP-S08-TS1	SVCP-08-TS2
000 = SENZA BOBINA / WITHOUT COIL	
D12 = 12 VDC	D12 = 12 VDC
D24 = 24 VDC	D24 = 24 VDC
220 = 220 RAC	220 = 220 RAC

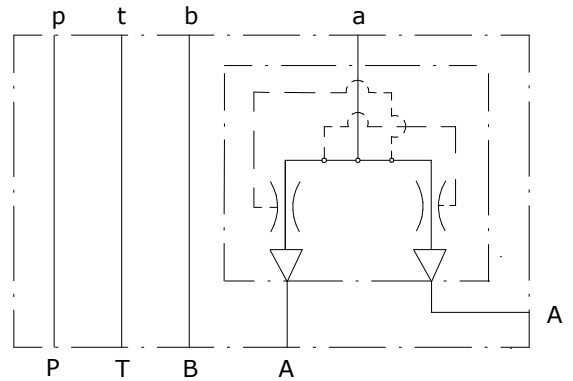
***see CARTDRIGE VALVES datasheets**

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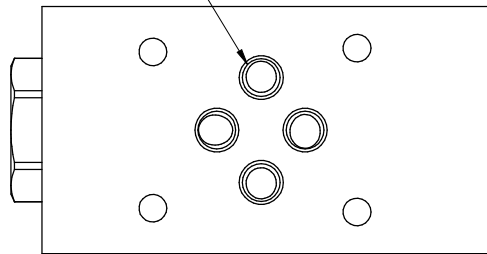


Schema idraulico
 Hydraulic diagram

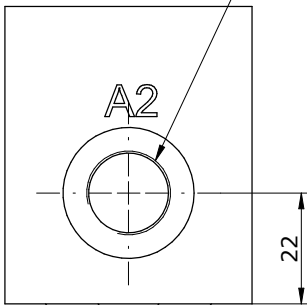


O-Ring side

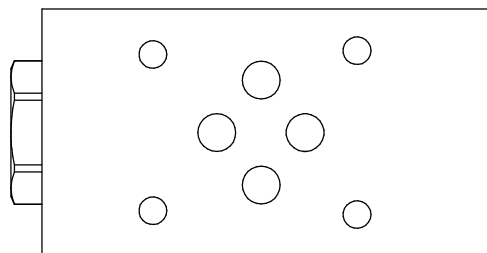
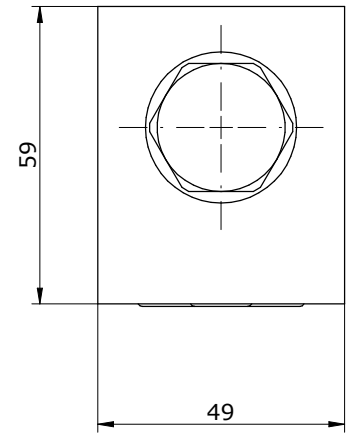
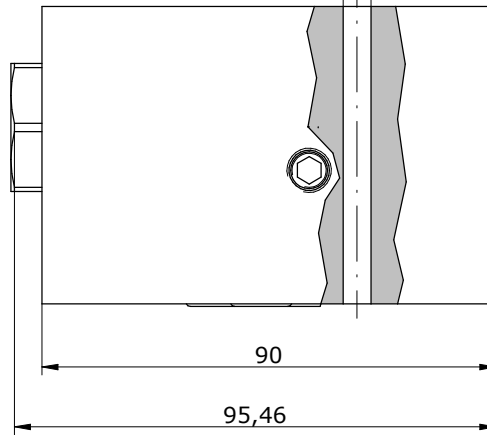
n°4 OR 108



BSP 3/8G

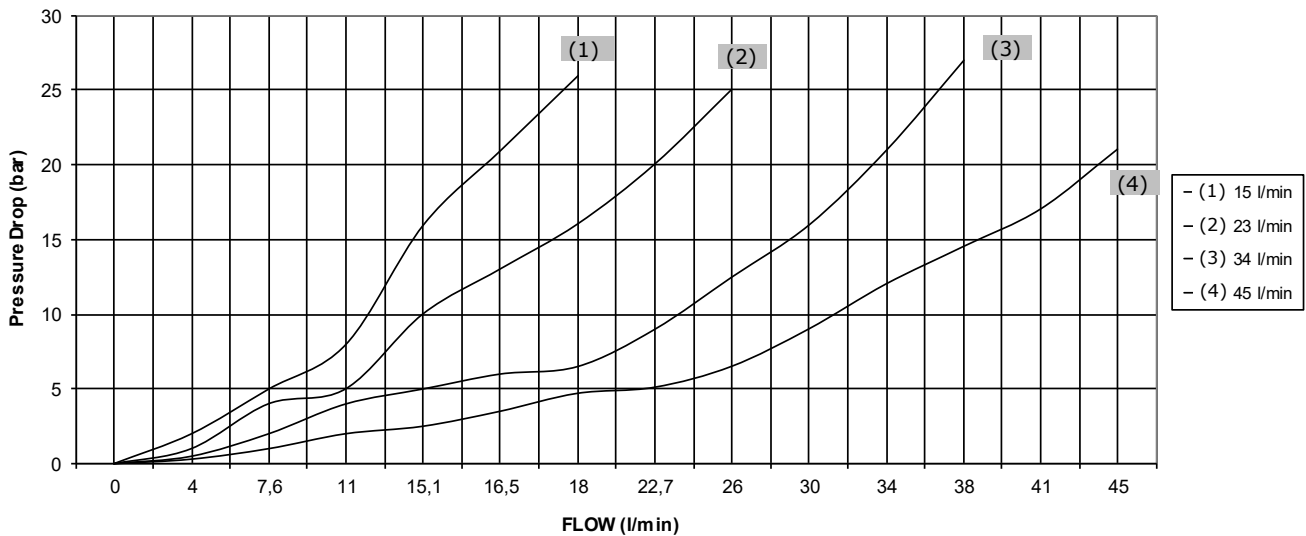


Ø 5,5



CARATTERISTICHE TECNICHE
 CHARACTERISTICS

PERFORMANCE



Operating pressure: 345 bar
 Accuracy: $\pm 5\%$

MV_ 06 - FD - _ - 10

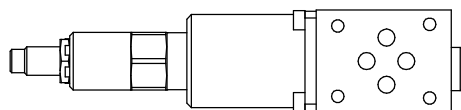
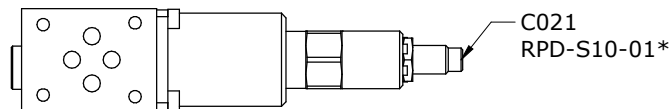
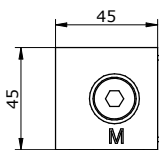
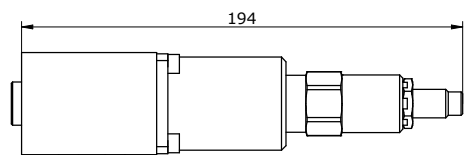
S = STEEL

INLET FLOW:

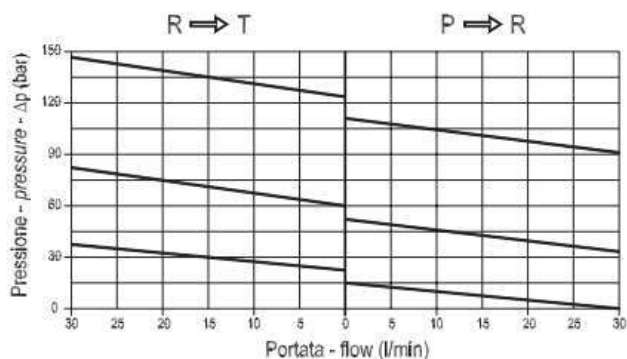
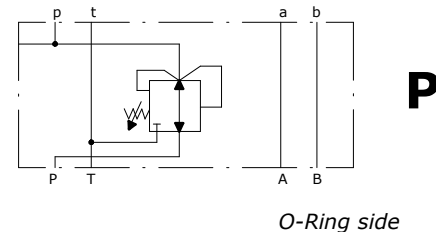
- 15** = UP TO 15 l/min
- 23** = UP TO 23 l/min
- 34** = UP TO 34 l/min
- 45** = UP TO 45 l/min

**VALVOLA RIDUTTRICE DI PRESSIONE MODULARE CETOP 3
CETOP 3 PRESSURE REDUCING MODULAR VALVE**

**OLEODINAMICA
2mp**



Schema idraulico
Hydraulic diagram



	H VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K POMOLO KNOB

MV_ 06- PR - - - - - 10

S = STEEL
A = ALUMINIUM

P = PORT P

35 = 5 - 35 bar
60 = 10 - 60 bar
100 = 15 - 100 bar
180 = 35 - 180 bar

SERIES

H = HEXAGONAL HEAD SCREW
K = KNOB

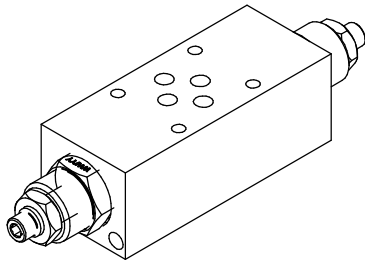
L = LEFT

*see **CARTDRIGE VALVES** datasheets

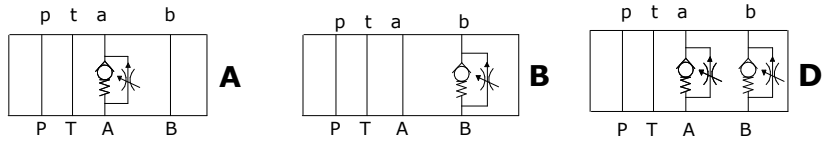
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Fax +39 0523 524509

**VALVOLA REGOLATRICE DI FLUSSO UNIDIREZIONALE CETOP 3
CETOP 3 MODULAR ONE WAY FLOW CONTROL VALVE**



Schema idraulico
Hydraulic diagram

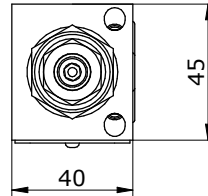


O-Ring side

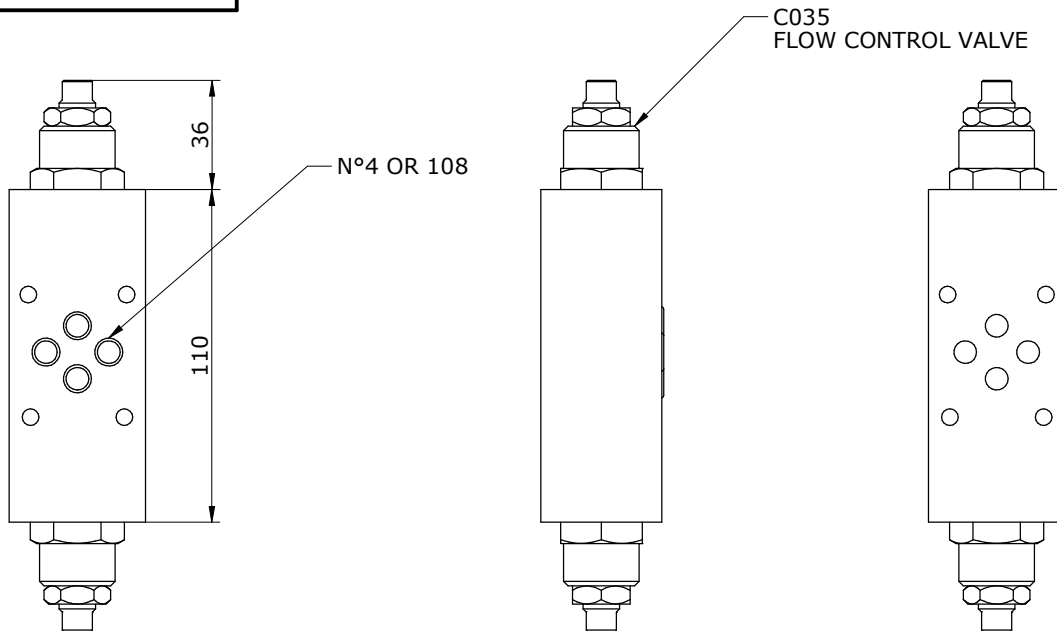
NOTA/NOTE

I CODICI **A** E **B** SONO
REALIZZATI TAPPANDO
LA CAVITA' NON UTILIZZATA

**CODES A AND B ARE
ACHIEVED USING A PLUG IN THE
NON REQUIRED CAVITY**



	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB



MV_06 - FR - - - - - 10

S = STEEL
A = ALUMINIUM

H = UP TO 60 l

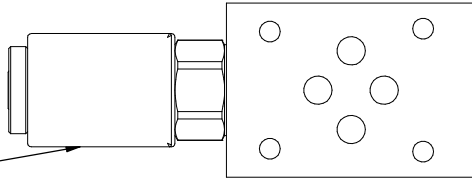
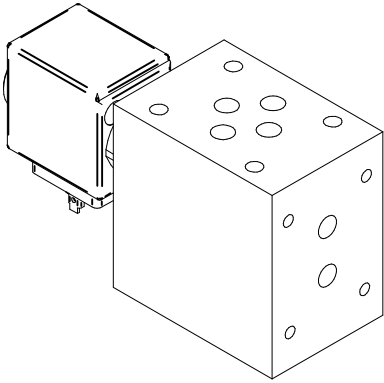
A = PORT A
B = PORT B
D = DOUBLE

SERIES

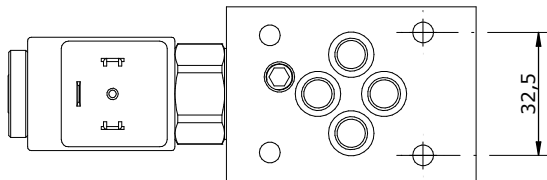
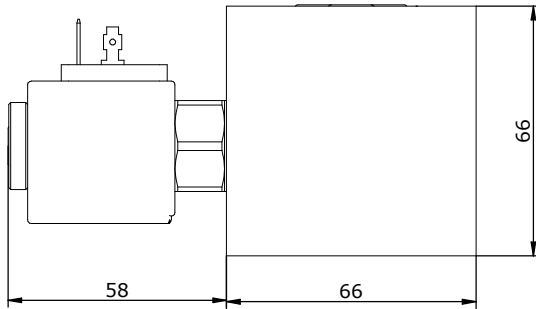
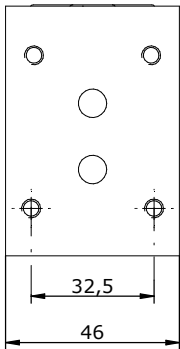
H = HEXAGONAL HEAD SCREW
K = KNOB

ELEMENTO MODULARE CETOP 3 PER "RAPIDO - LENTO"
CETOP 3 MODULAR ELEMENT FOR "FAST - SLOW"

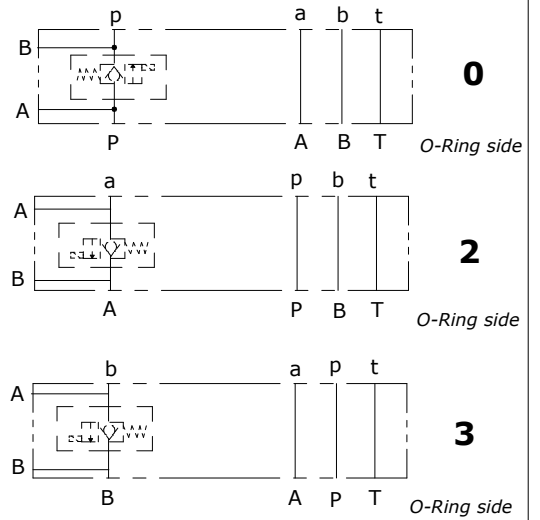
OLEODINAMICA
2mp



C007
 SVCP-S08-TS1*
 SVCP-S08-TS2*



Schema idraulico
Hydraulic diagram



E_ 610 - 13 - - - - -

S = STEEL

SEE DIAGRAMS

N = BUNA (standard)
V = VITON

OMETTERE / OMIT
TS1 : NORMALLY CLOSED
TS2 : NORMALLY OPEN

REGOLAZIONE / REGULATION

SVCP-S08-TS1	SVCP-S08-TS2
0 = SENZA COMANDO MANUALE / WITHOUT MANUAL OVERRIDE	
1 = VITE / SCREW	3 = PRESSIONE SU SPINA / PUSH PIN
2 = SPINGA E GIRA / PUSH AND TWIST	4 = PRESSIONE SU BOTTONE / PUSH BOTTON
6 = TAPPO PREMUTO / PULL AND HOLD	5 = BRUGOLA / ALLEN

TENSIONE / TENSION

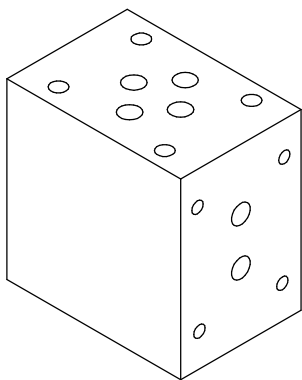
SVCP-S08-TS1	SVCP-S08-TS2
000 = SENZA BOBINA / WITHOUT COIL	
D12 = 12 VDC	D12 = 12 VDC
D24 = 24 VDC	D24 = 24 VDC
Z20 = 220 RAC	Z20 = 220 RAC

TIPO CONNETTORE /
 CONNECTOR TYPE
0 = SENZA BOBINE /
 WITHOUT COIL
C = CAVI / LEADS
D = DIN 43650
G = DEUTSCH DT04-2P
A = AMP JUNIOR

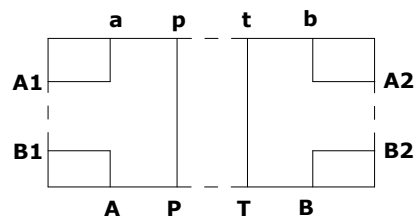
*see **CARTDRIGE VALVES** datasheets

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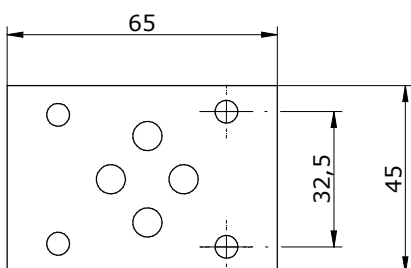
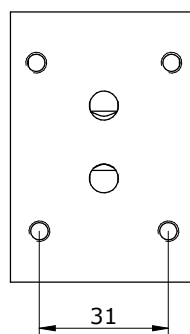
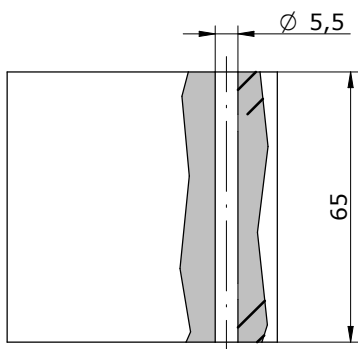
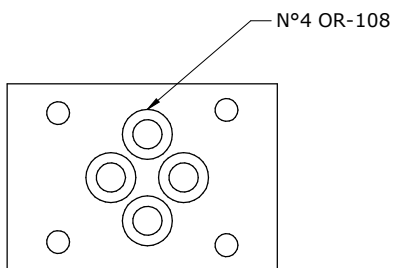
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Schema idraulico
 Hydraulic diagram

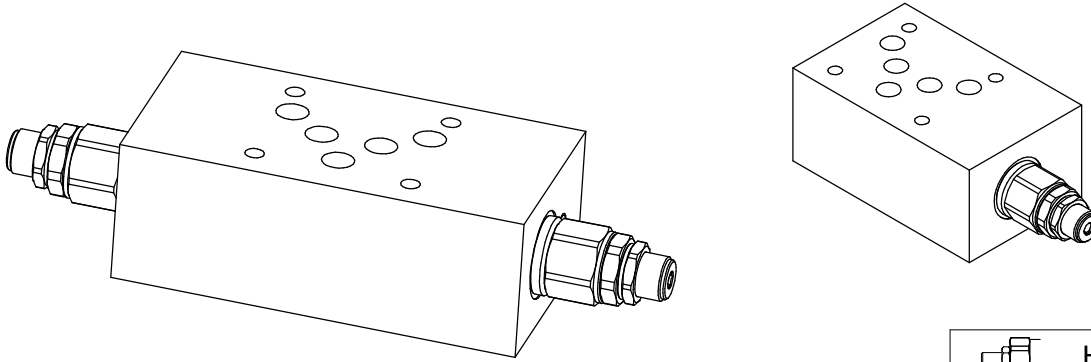




O-Ring side

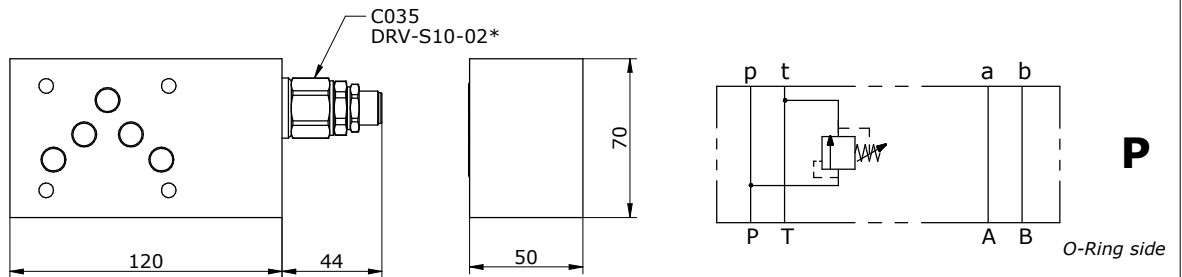
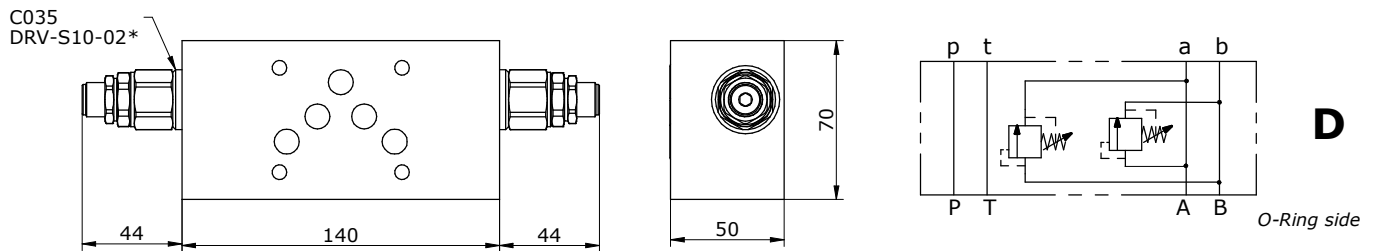
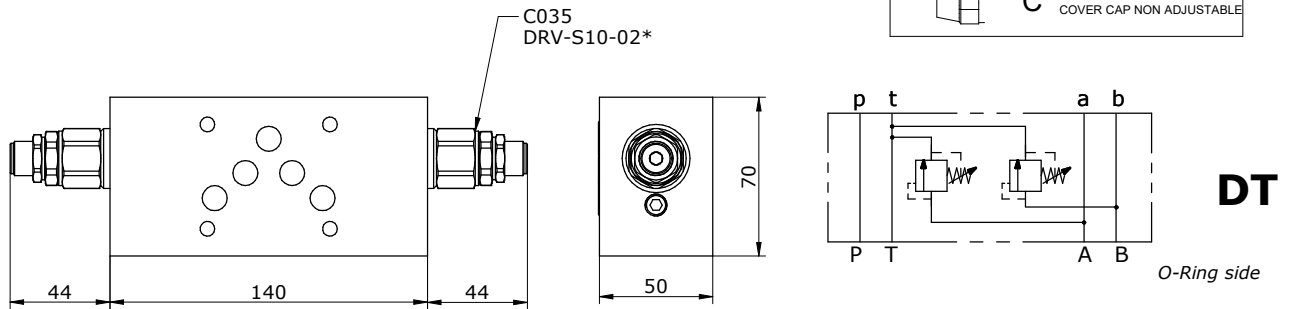


E_ 610 - 17 - 0

S = STEEL
A = ALUMINIUM



	H VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	C CAPPUCCIO INVIOLABILE COVER CAP NON ADJUSTABLE



MV_ 10 - RV - - - - - 10

S = STEEL
A = ALUMINIUM

D = A vs. B ; B vs. A
DT = A vs. T ; B vs. T
P = P vs. T

1 = 5-75 bar
2 = 75-125 bar
3 = 220-350 bar
4 = 220-350 bar

SERIES

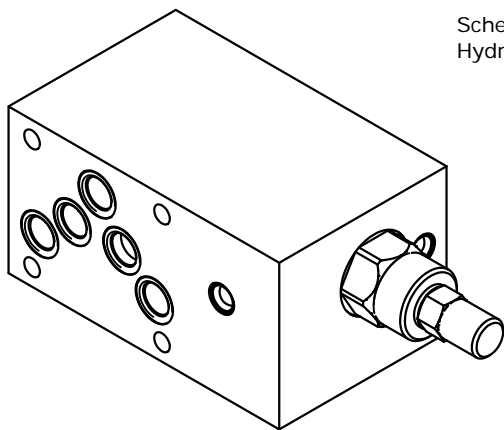
H = HEXAGONAL HEAD
SCREW
C = COVER CAP NOT ADJUSTABLE

N = NBR (standard)
V = VITON

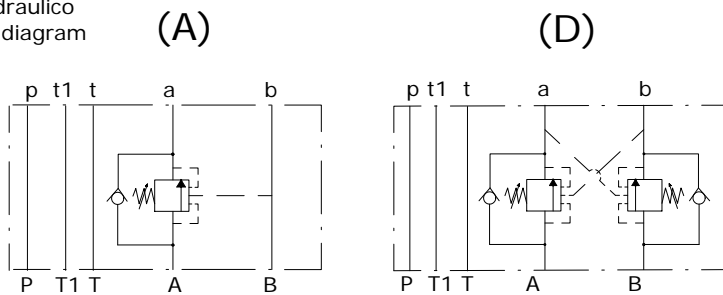
*see **CARTRIDGE VALVES** datasheets

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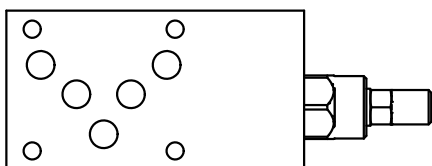
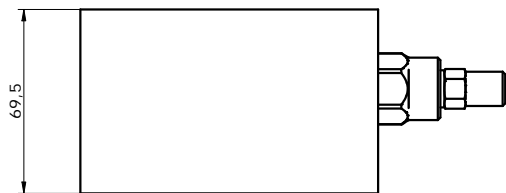
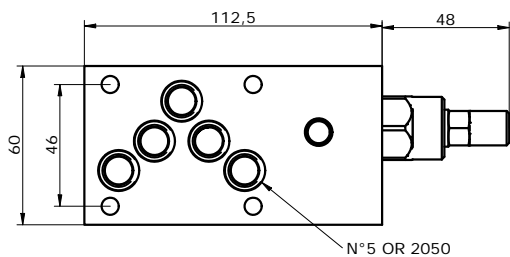


Schema idraulico
 Hydraulic diagram

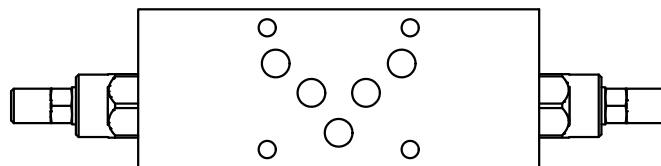
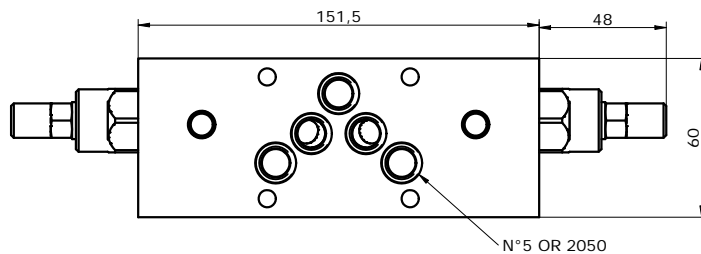


O-Ring side

version **A**



version **D**



MV_ 10 - OV - - - - - 10

S = STEEL

A = PORT A
 D = DOUBLE

N = NORMAL

SERIES

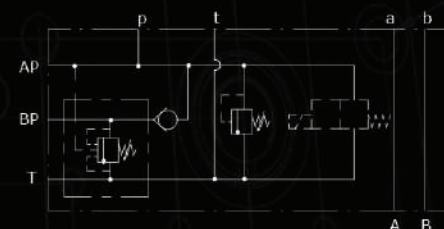
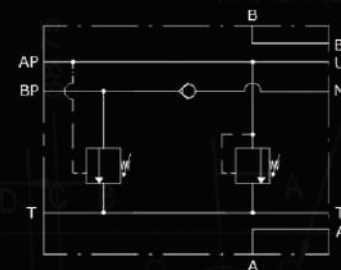
3 = 100 - 350 bar

1 = 4,5:1 PILOT RATIO

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Sezione
**CIRCUITI
INTEGRATI**

Section
**INTEGRATED
CIRCUITS**



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Tel. 0523 520331 - Fax 0523 524809

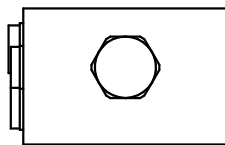
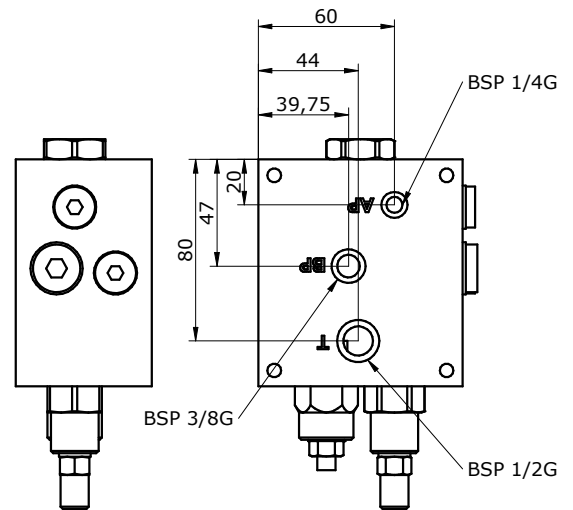
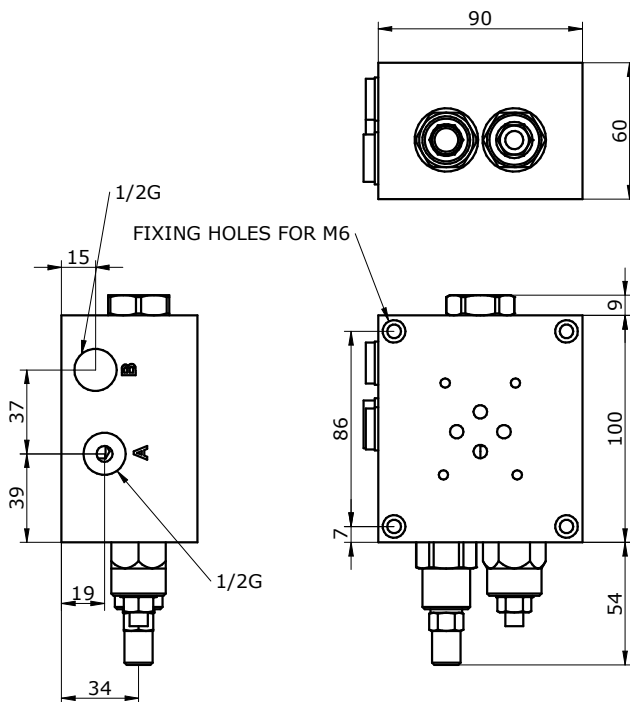
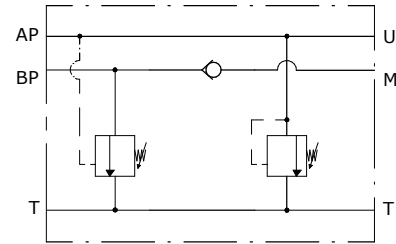
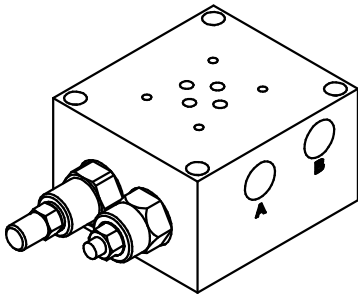
TOLLERANZA DI CARPENTERIA FINITO IN mm

TOLLERANZE GENERALI PER LAVORAZI

	6	10	15	20
ALBERI	+0.1	+0.2	+0.3	+0.4
FILETTI	+0.1	+0.2	+0.3	+0.4
ALTRA	+0.05	+0.1	+0.15	+0.2

17/07/2014

Schema idraulico
 Hydraulic diagram



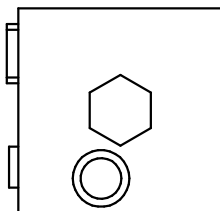
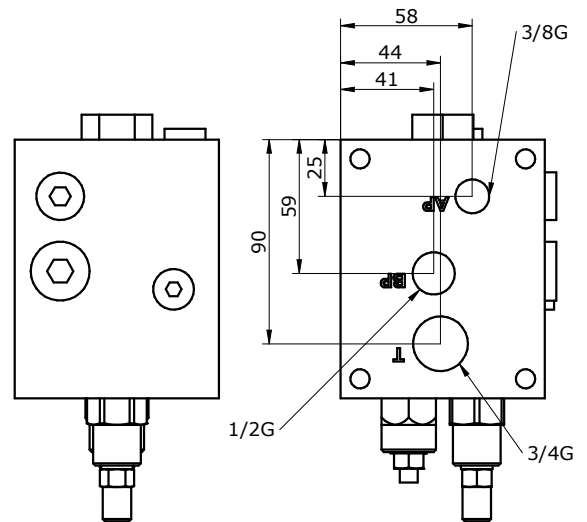
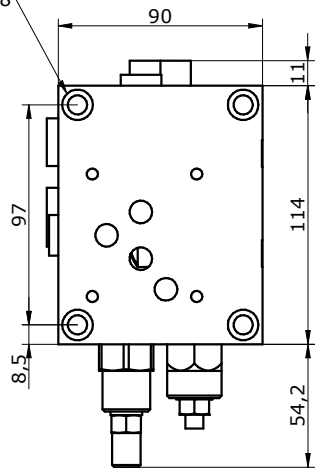
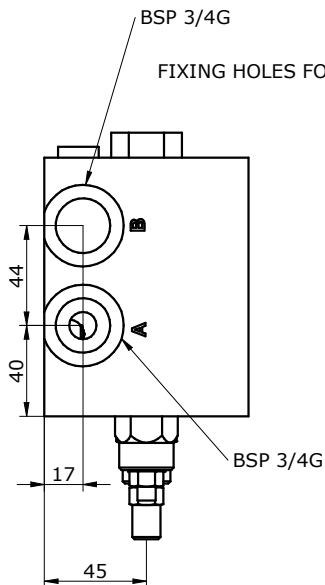
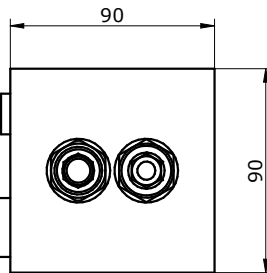
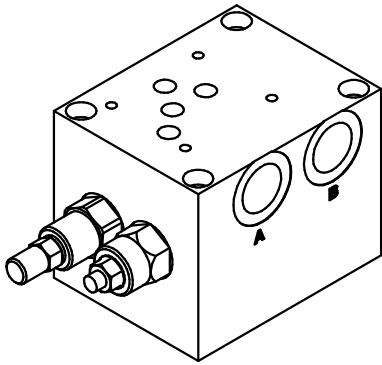
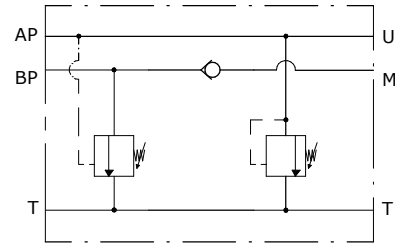
HLPE06 - - - - 10

S = STEEL

LOW PRESSURE SETTINGS:
020=20-80 bar

HIGH PRESSURE SETTINGS:
050 =50-350 bar

Schema idraulico
 Hydraulic diagram



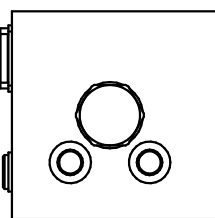
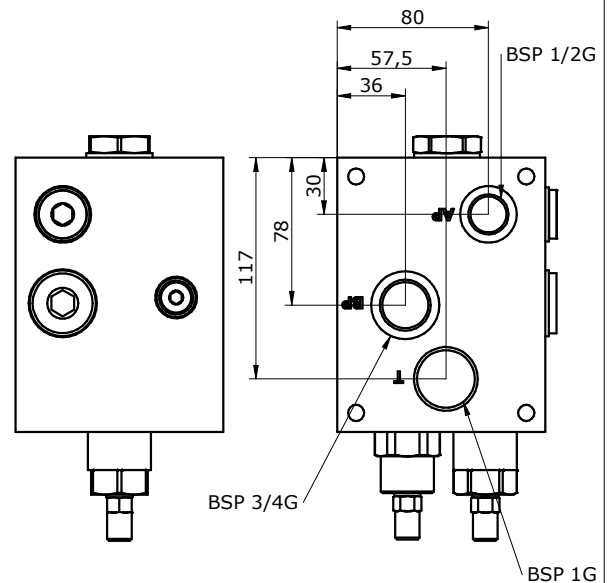
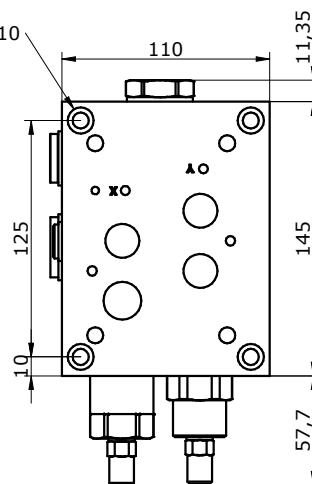
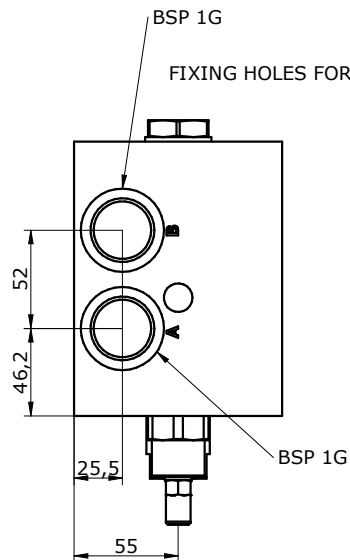
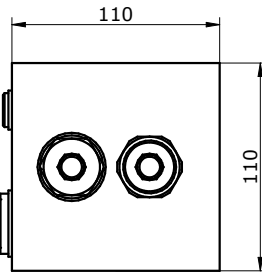
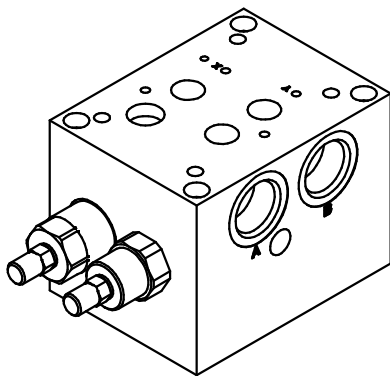
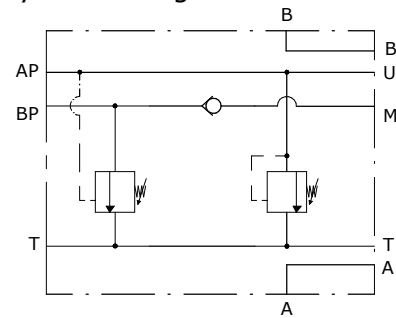
HLPE10 - - - - - 10

S = STEEL

LOW PRESSURE SETTINGS:
020=20-80 bar

HIGH PRESSURE SETTINGS:
050 =50-350 bar

Schema idraulico
 Hydraulic diagram



HLPE16 - - - 10

S = STEEL

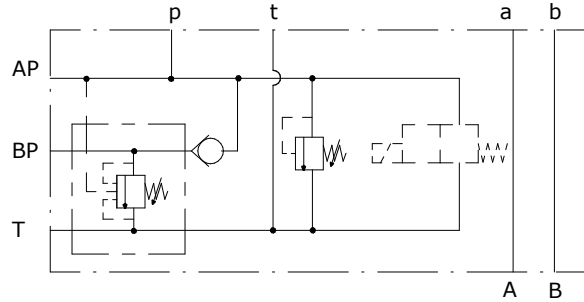
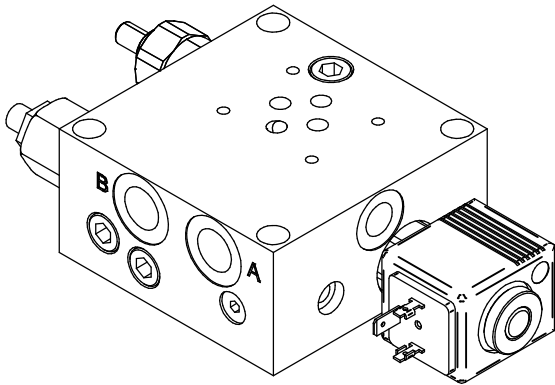
LOW PRESSURE SETTINGS:
020 = 20-80 bar

HIGH PRESSURE SETTINGS:
050 = 50-350 bar




**BASE SINGOLA CETOP 3 ALTA-BASSA PRES. CON VALVOLA
ELETTRICA OPZIONALE
CETOP 3 SUB-PLATE HI-LOW PRESSURE WITH OPTIONAL
VENTING VALVE**

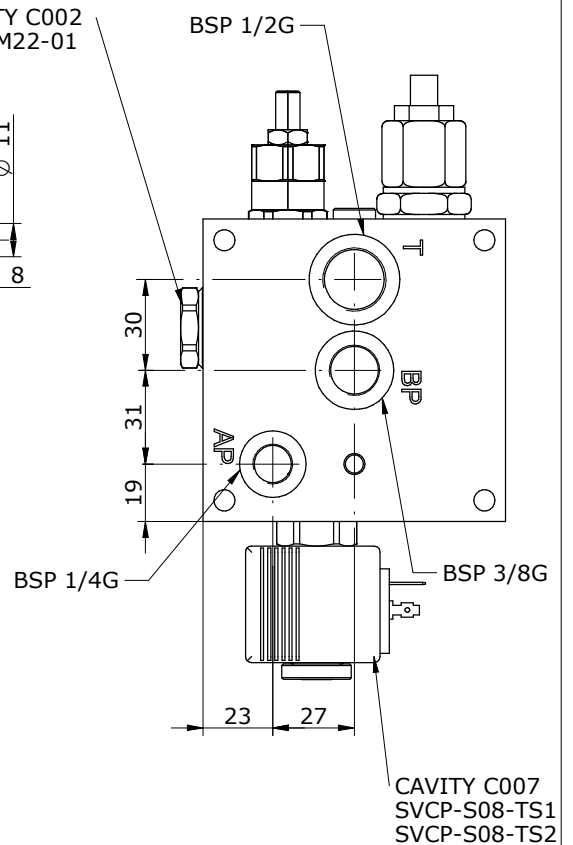
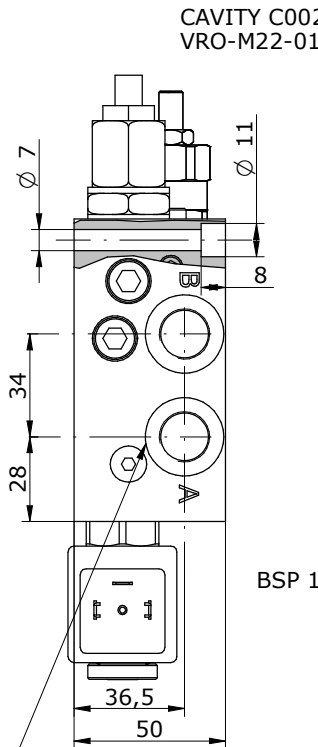
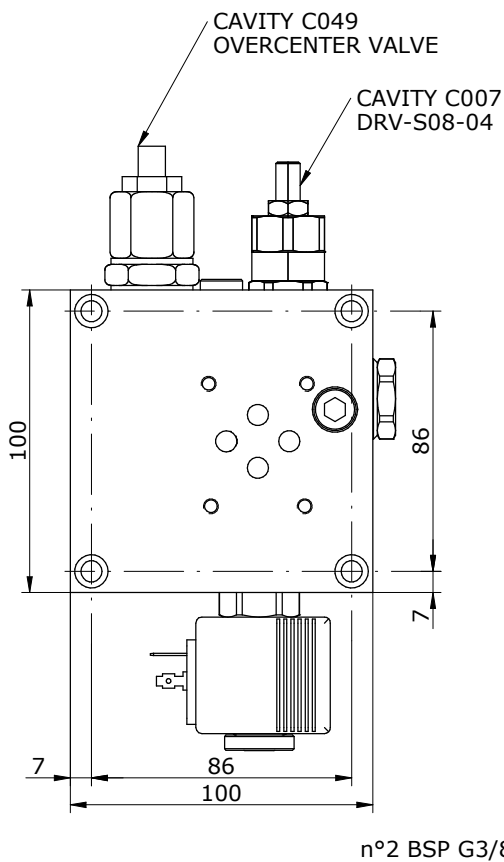
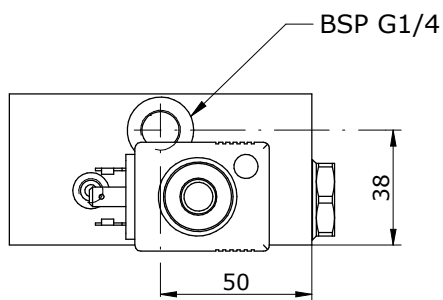
**OLEODINAMICA
2mp**

Schema idraulico
Hydraulic diagram



**TIPI DI REGOLAZIONE
REGULATION TYPE**

	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE



*see **CARTRIDGE VALVES** datasheets

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HLP06 - - - - - 10

S = STEEL

LOW PRESSURE SETTINGS:

- 1** = 45 bar MAX
- 2** = 60 bar MAX
- 3** = 100 bar MAX

HIGH PRESSURE SETTINGS:

- 1** = <50 bar
- 2** = <100 bar
- 3** = <250 bar
- 4** = <350 bar

- TS1** = WITH NORMALLY OPEN
- TS2** = WITH NORMALLY CLOSED
- 000** = WITHOUT V.V. (PLUG AVAILABLE)

REGOLAZIONE RELIEF VALVE
REGULATION RELIEF VALVE

TIPO CONNETTORE /CONNECTOR TYPE

- 0** = SENZA BOBINA / WITHOUT COIL
- C** = CAVI / LEADS
- D** = DIN 43650
- G** = DEUTSCH DT04-2P
- A** = AMP JUNIOR

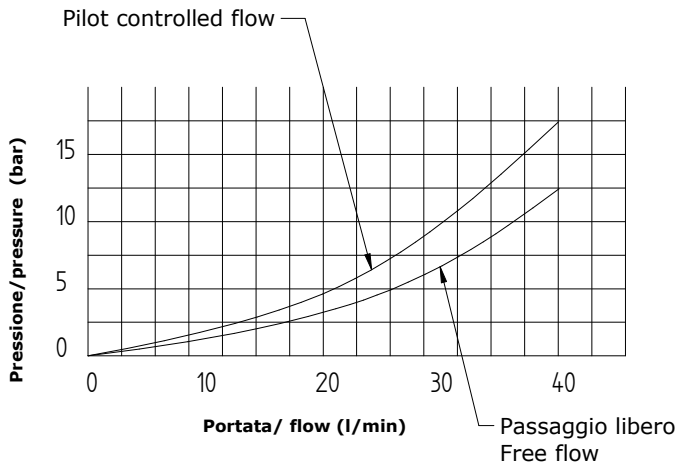
TENSIONE / VOLTAGE

- 000** = SENZA BOBINA / WITHOUT COIL
- D12** = 12 VDC
- D24** = 24 VDC
- D20** = 220 RAC
- D26** = 26 VDC

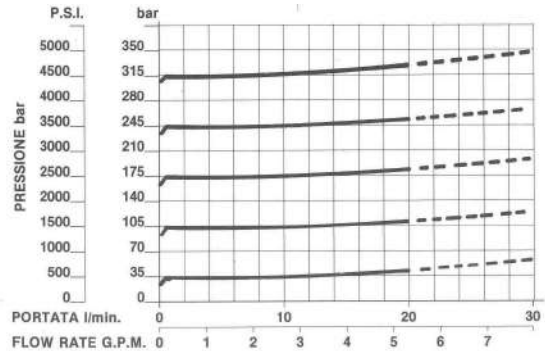
REGOLAZIONE / REGULATION

SVCPC-S08-TS2		SVCPC-S08-TS1	
0 = SENZA COMANDO MANUALE / NO MANUAL OVERRIDE		1 = VITE / SCREW	
3 = PRESSIONE SU SPINA / PUSH PIN	4 = PRESSIONE SU BOTTONE / PUSH BOTTON	2 = SPINGA E GIRA / PUSH AND TWIST	6 = TAPPO PREMUTO / PULL AND HOLD
5 = BRUGOLA / ALLEN			

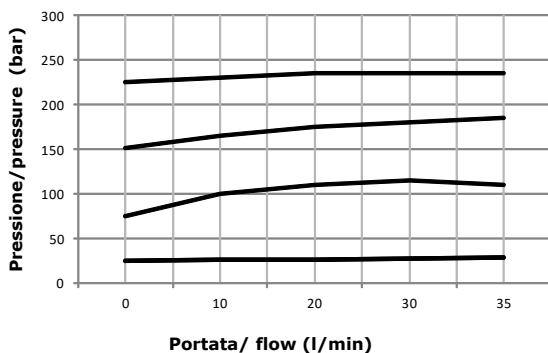
PERFORMANCE LOW PRESSURE VALVE



PERFORMANCE DIRECT PRESSURE CONTROL VALVE

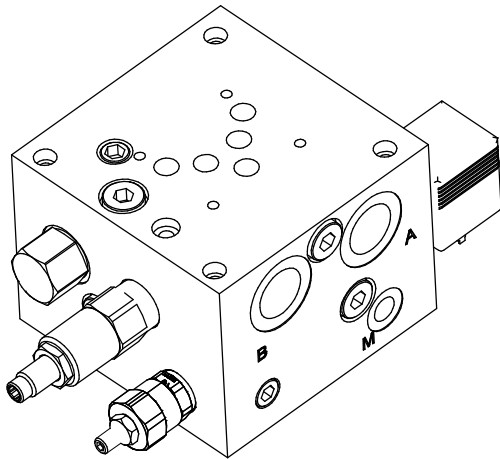


PERFORMANCE HIGH PRESSURE VALVE

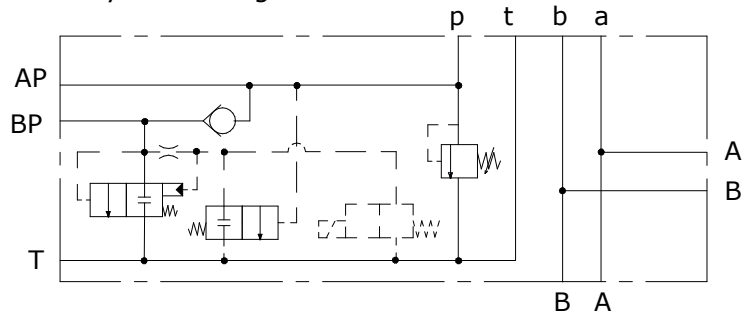


**BASE SINGOLA CETOP 5 ALTA-BASSA PRES. CON VALVOLA
ELETTRICA OPZIONALE
CETOP 5 SUB-PLATE HI-LOW PRESSURE WITH OPTIONAL
VENTING VALVE**




**OLEODINAMICA
2mp**

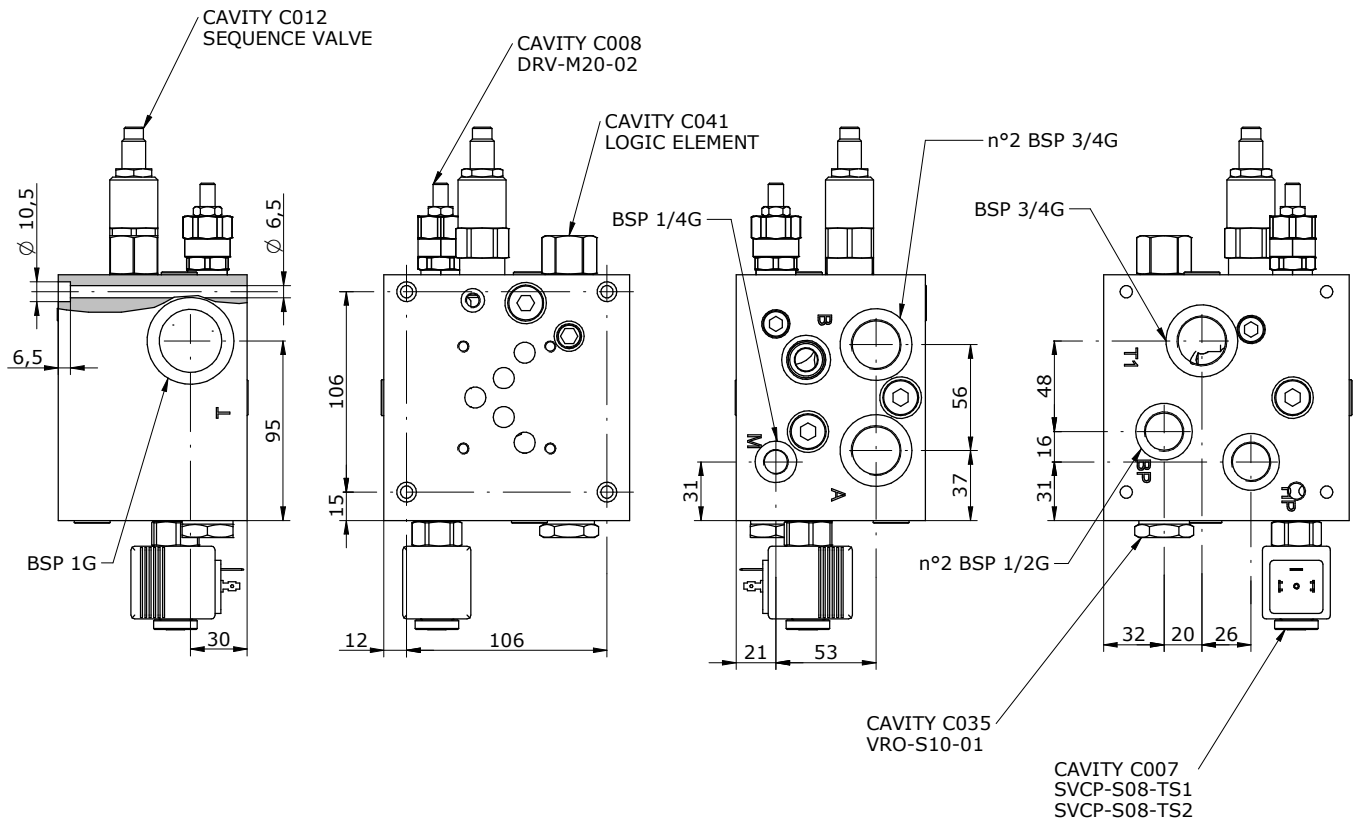
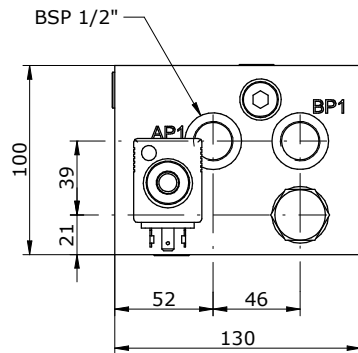


Schema idraulico
Hydraulic diagram



**TIPI DI REGOLAZIONE
REGULATION TYPE**

	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE



*see **CARTRIDGE VALVES** datasheets

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Fax +39 0523 524509

HLP10 - - - - - 10

S = STEEL

LOW PRESSURE SETTINGS:

- 1 = 45 bar MAX
- 2 = 60 bar MAX
- 3 = 100 bar MAX

HIGH PRESSURE SETTINGS:

- 1 = <50 bar
- 2 = <100 bar
- 3 = <250 bar
- 4 = <350 bar

TS1 = WITH NORMALLY OPEN

TS2 = WITH NORMALLY CLOSED

000 = WITHOUT V.V. (PLUG AVAILABLE)

TIPI DI REGOLAZIONE /
TYPE OF REGULATION

TIPO CONNETTORE /CONNECTOR TYPE

- 0 = SENZA BOBINE / WITHOUT COIL
- C = CAVI / LEADS
- D = DIN 43650
- G = DEUTSCH DT04-2P
- A = AMP JUNIOR

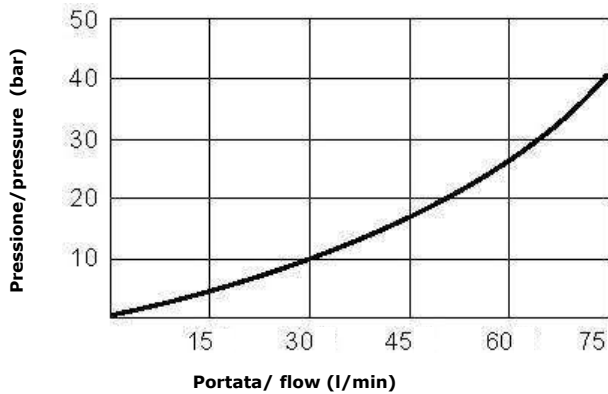
TENSIONE / VOLTAGE

- 000 = SENZA BOBINA / WITHOUT COIL
- D12 = 12 VDC
- D24 = 24 VDC
- D20 = 220 RAC
- D26 = 26 VDC

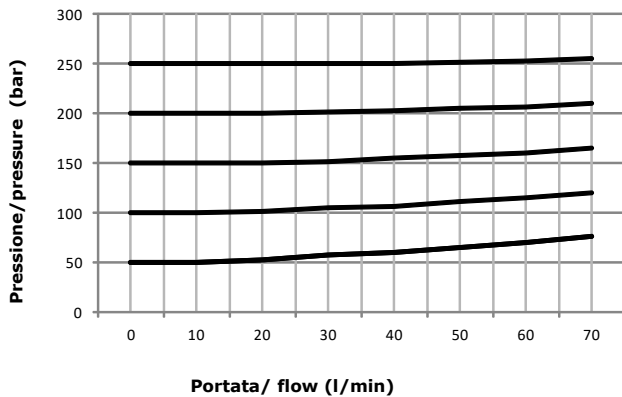
REGOLAZIONE / REGULATION

SVCP-S08-TS2	SVCP-S08-TS1
0 = SENZA COMANDO MANUALE / NO MANUAL OVERRIDE	1 = VITE / SCREW
3 = PRESSIONE SU SPINA / PUSH PIN	2 = SPINGA E GIRA / PUSH AND TWIST
4 = PRESSIONE SU BOTTONE / PUSH BOTTON	6 = TAPPO PREMUTO / PULL AND HOLD
5 = BRUGOLA / ALLEN	

PERFORMANCE LOW PRESSURE VALVE

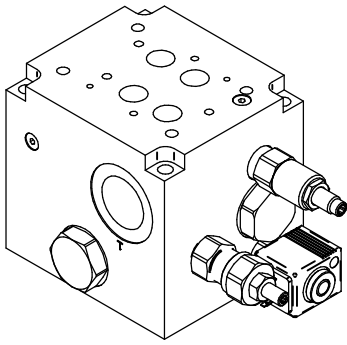


PERFORMANCE HIGH PRESSURE VALVE

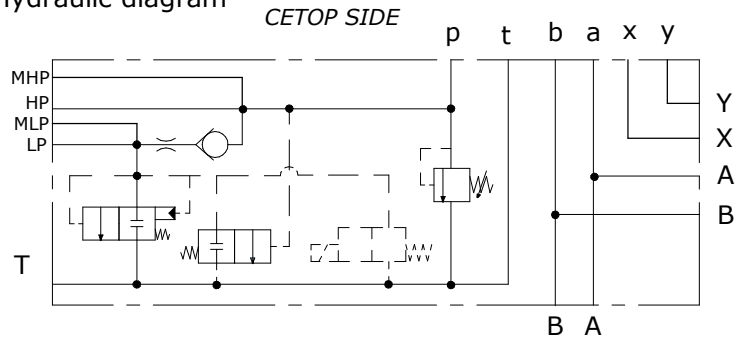


**BASE SINGOLA CETOP 7 ALTA-BASSA PRES. CON VALVOLA
ELETTRICA OPZIONALE
CETOP 7 SUB-PLATE HI-LOW PRESSURE WITH OPTIONAL
VENTING VALVE**

**OLEODINAMICA
2mp**

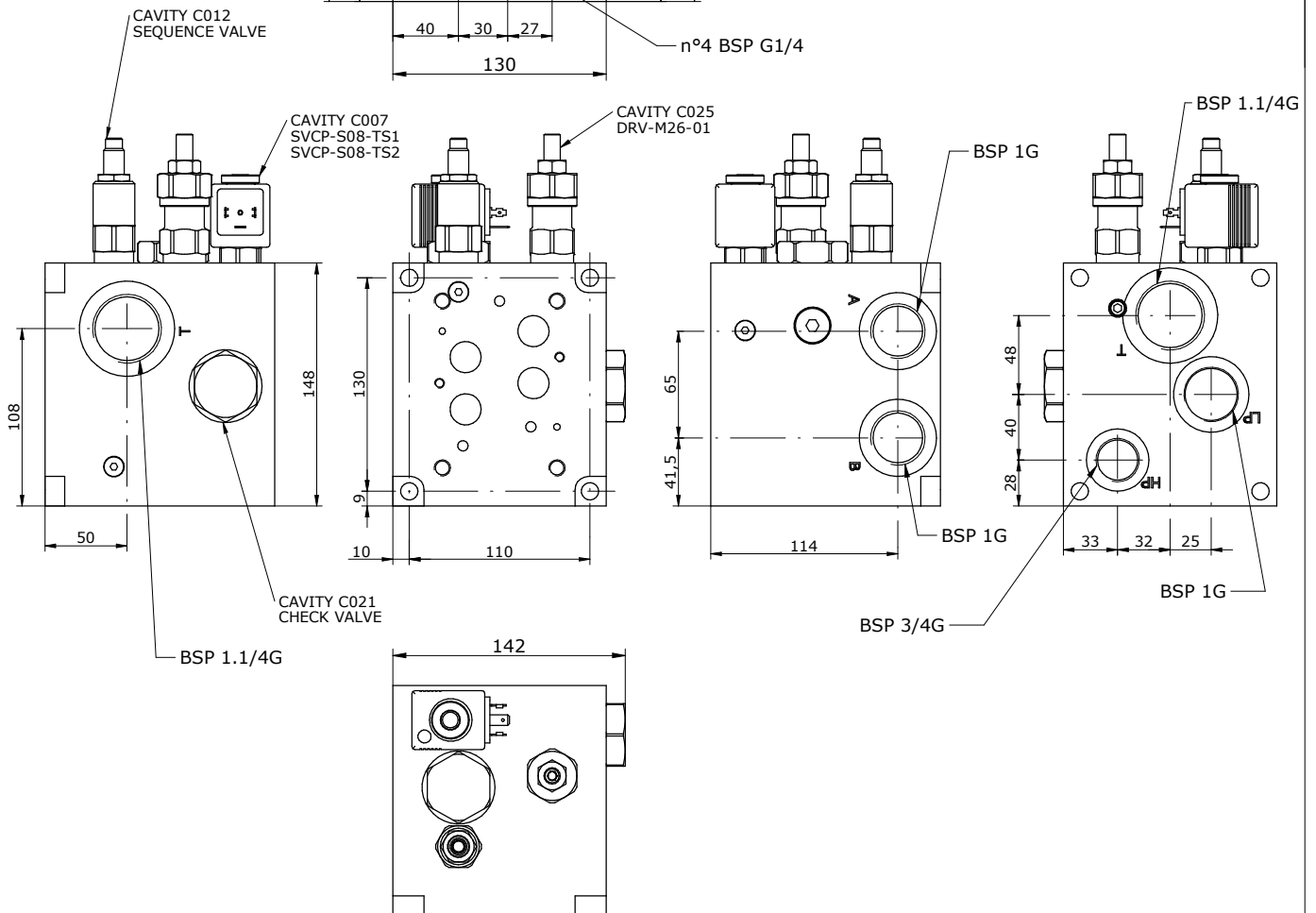
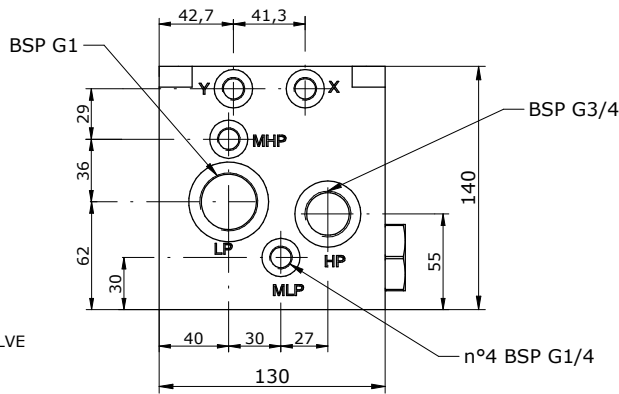


Schema idraulico
Hydraulic diagram



**TIPI DI REGOLAZIONE
REGULATION TYPE**

	H VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K POMOLO KNOB
	C CAPPUCIO INVIOLABILE COVER CAP NOT ADJUSTABLE



*see **CARTRIDGE VALVES** datasheets

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Fax +39 0523 524509

HLP16 - - - - - 10

S = STEEL

LOW PRESSURE SETTINGS:

- 1** = 45 bar MAX
- 2** = 90 bar MAX
- 3** = 165 bar MAX

HIGH PRESSURE SETTINGS:

- 1** = <50 bar
- 2** = <100 bar
- 3** = <250 bar
- 4** = <350 bar

- TS1** = WITH NORMALLY OPEN
- TS2** = WITH NORMALLY CLOSED
- 000** = WITHOUT V.V. (PLUG AVAILABLE)

**REGOLAZIONE RELIEF VALVE
REGULATION RELIEF VALVE**

TIPO CONNETTORE / CONNECTOR TYPE

- 0** = SENZA BOBINE / WITHOUT COIL
- C** = CAVI / LEADS
- D** = DIN 43650
- G** = DEUTSCH DT04-2P
- A** = AMP JUNIOR

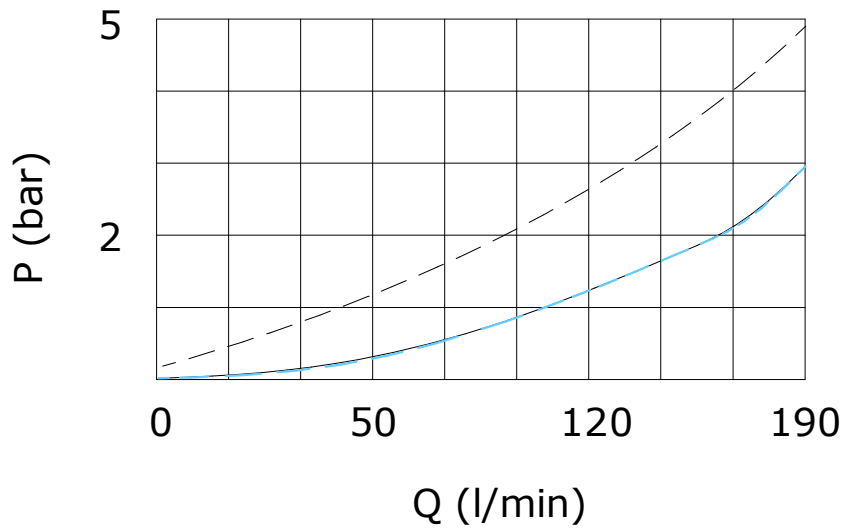
TENSIONE / VOLTAGE

- 000** = SENZA BOBINA / WITHOUT COIL
- D12** = 12 VDC
- D24** = 24 VDC
- 220** = 220 RAC
- D26** = 26 VDC

REGOLAZIONE / REGULATION

SVCP-S08-TS2	SVCP-S08-TS1
0 = SENZA COMANDO MANUALE / NO MANUAL OVERRIDE	
3 = PRESSIONE SU SPINA / PUSH PIN	1 = VITE / SCREW
4 = PRESSIONE SU BOTTONE / PUSH BOTTON	2 = SPINGA E GIRA / PUSH AND TWIST
5 = BRUGOLA / ALLEN	6 = TAPPO PREMUTO / PULL AND HOLD

PERFORMANCES

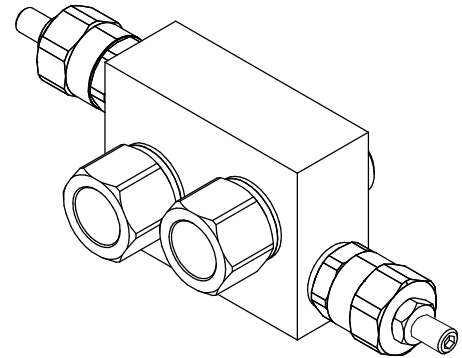
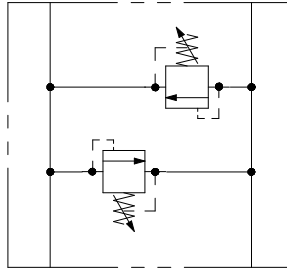


BP-T
— — — — —
BP-U
—————

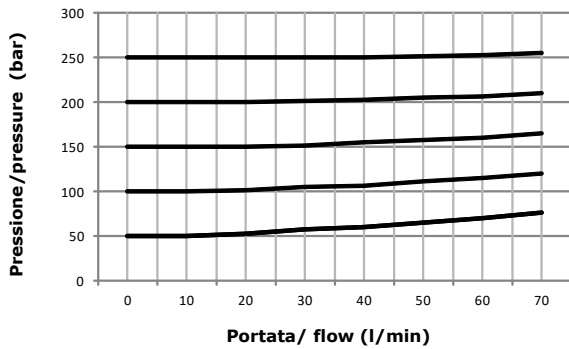
CARATTERISTICHE TECNICHE
 TECHNICAL CHARACTERISTICS

Pressione massima Maximum pressure	350 bar (5075 psi)
Portata nominale Nominal Flow	70 l/min (18,5 gpm)
Temperatura di esercizio Operating temperature	-30 / +100 °C
Cavità Cavity	C008
Trafilamento interno Internal leakage	0,3 cc/min (50 °C; 21 cSt; 200 bar)

SCHEMA IDRAULICO
 HYDRAULIC SCHEME

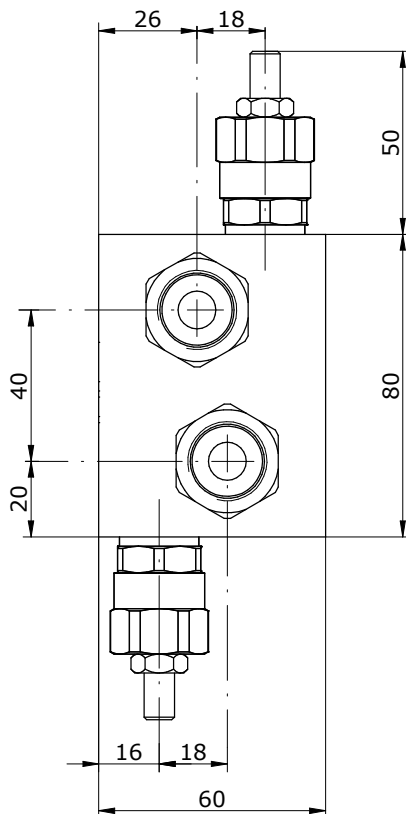


PRESTAZIONI
 PERFORMANCES

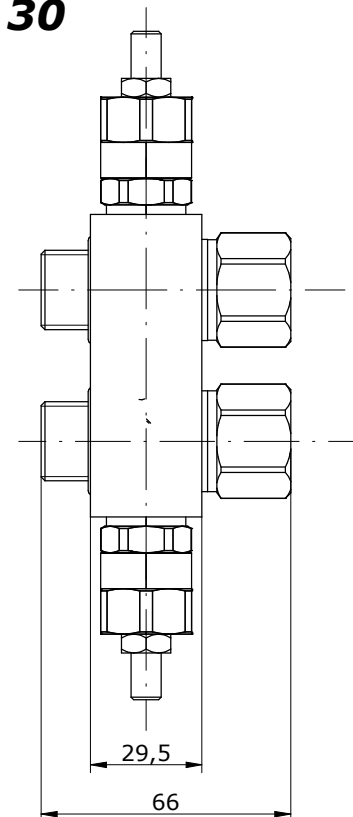


TIPI DI REGOLAZIONE
 REGULATION TYPE

	H VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K POMOLO KNOB
	C CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE



FCRAG_ _ - 30



CODICE D'ORDINAZIONE
ORDERING CODE

FCRAG - - - 30 - - - - - - -

MATERIALE CORPO /
MATERIAL BODY
S = STEEL

VERSIONE / VERSION
S = SINGLE
D = DOUBLE

TIPI DI REGOLAZIONE /
TYPE OF REGULATION

GUARNIZIONI / SEALS

N = NBR (standard)
V = VITON

FCRAG - - -30	MOLLA / SPRING - RELIEF VALVE			
	A00 (0-90 bar)	B00 (30-150 bar)	C00 (50-220 bar)	D00 (80-350 bar)

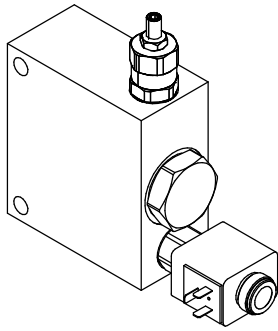
su richiesta è possibile richiedere taratura fissa di entrambe le valvole
 on request there is the possibility to set the calibration of the individual valves:
example: 1° valve 75 bar, 2° valve 165 bar ---> FCRAG - - -30-075-165- - -

FCRAG - - -30	MOLLA / SPRING - RELIEF VALVE			
	A00 (0-90 bar)	B00 (30-150 bar)	C00 (50-220 bar)	D00 (80-350 bar)

su richiesta è possibile richiedere taratura fissa di entrambe le valvole
 on request there is the possibility to set the calibration of the individual valves:
example: 1° valve 75 bar, 2° valve 165 bar ---> FCRAG - - -30-075-165- - -

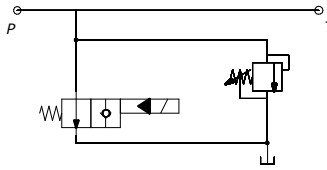
**VALVOLA REGOLATRICE DI MASSIMA PRESSIONE CON ELETTROVALVOLA
DI MESSA A SCARICO
SOLENOID OPERATED PRESSURE RELIEF VALVE WITH VENTING**

**OLEODINAMICA
2mp**

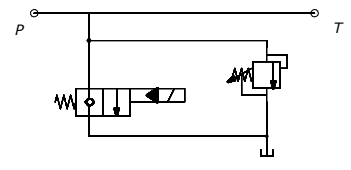


La valvola RVV è inserita nelle linee di pressione fornire la funzione di messa a scarico e la protezione con valvola di massima. E' disponibile nelle misure da 1/4" BSP a 1.1/2" BSP per portate sino a 380 l/min con perdite di carico contenute. L'impiego di un elemento logico pilotato garantisce perdite di carico contenute. RVV valve is teed into pressure lines to provide a venting function and relief valve protection. The valve is available from 1/4" BSP to 1.1/2" BSP for flows up to 380 l/min. A vented type logic element is used to provide low pressure drop.

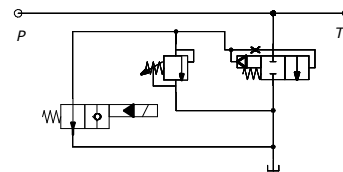
**DIRETTO CON VALVOLA ELETTRICA
NORMALMENTE APERTA.**
DIRECTED WITH VENTING VALVE
NORMALLY OPEN



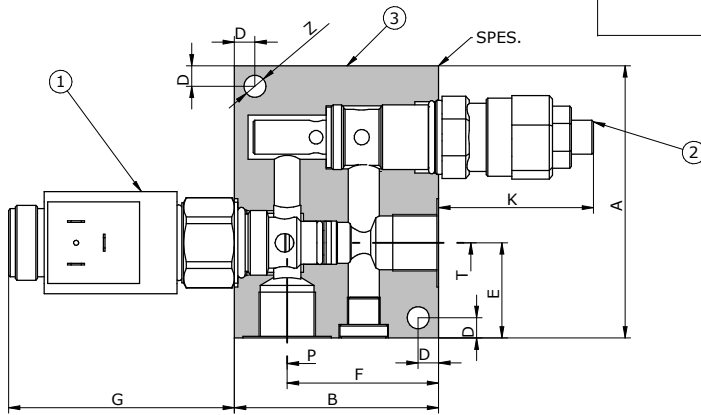
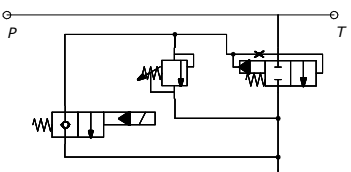
**DIRETTO CON VALVOLA ELETTRICA
NORMALMENTE CHIUSA.**
DIRECTED WITH VENTING VALVE
NORMALLY CLOSED



**PILOTATA CON VALVOLA ELETTRICA
NORMALMENTE APERTA**
PILOT TYPE WITH VENTING VALVE
NORMALLY OPEN



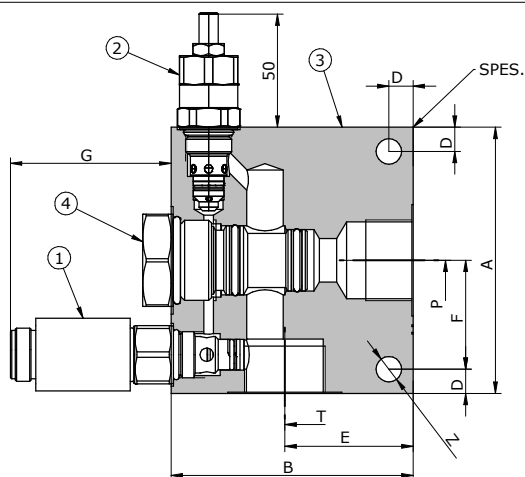
**PILOTATA CON VALVOLA ELETTRICA
NORMALMENTE CHIUSA**
PILOT TYPE WITH VENTING VALVE
NORMALLY CLOSED



R V V _

- 01- VALVOLA ELETTRICA PER LA MESSA A SCARICO**
ELECTRICAL VENTING VALVE
- 02- VALVOLA DI MASSIMA PRESSIONE**
RELIEF VALVE
- 03- CORPO VALVOLA**
VALVE BODY

	P-T	A	B	SPES.	K	D	E	F	G	Z
RVV_10	G1/4	80	55	40	36	6	28	39,5	61,7	6,5
RVV_20	G3/8	80	60	40	52	6	28	44,5	61,7	6,5



R V V _

- 01- VALVOLA ELETTRICA PER LA MESSA A SCARICO**
ELECTRICAL VENTING VALVE
- 02- VALVOLA DI MASSIMA PRESSIONE**
RELIEF VALVE
- 03- CORPO VALVOLA**
VALVE BODY
- 04- ELEMENTO LOGICO**
VENTED SPOOL-TYPE LOGIC ELEMENT

	P-T	A	B	SPES.	C	D	E	F	G	Z
RVV_30	G1/2	100	85	40	37,5	8	44	42	61,7	8,5
RVV_40	G3/4	100	85	40	37,5	8	40,2	42	61,7	8,5
RVV_50	G1"	110	100	50	37,5	10	53	45	61,7	10,5
RVV_60	G1.1/4"	130	130	70	37,5	12	78	63	61,7	12,5
RVV_70	G1.1/2"	130	130	80	37,5	12	70	63	61,7	12,5

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PER ORDINARE / TO ORDER

R V V - - - - - 10

**VALVOLA REGOLATRICE DI MASSIMA
PRESSIONE CON ELETTROVALVOLA DI MESSA
A SCARICO
SOLENOID OPERATED PRESSURE RELIEF VALVE
WITH VENTING**

MATERIALE / MATERIAL

A = ALLUMINIO / ALLUMINUM
S = AVP / STEEL

ATTACCHI / PORTING

10 = 1/4"
20 = 3/8"
30 = 1/2"
40 = 3/4"
50 = 1"
60 = 1.1/4"
70 = 1.1/2"

TARATURA MOLLA / SPRING RANGE

1 = 5-50 bar
2 = 30-100 bar
3 = 50-250 bar
4 = 100-350 bar

TENSIONE STANDARD BOBINA / VOLTAGE STANDARD COIL

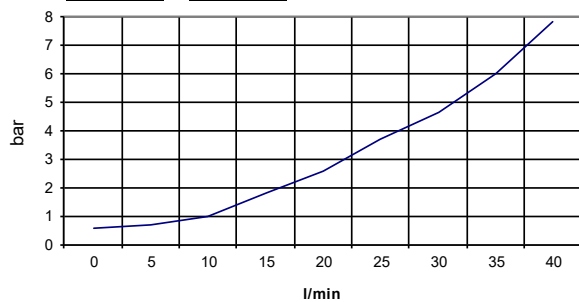
1 = 12 V dc DIN 43650
2 = 24 V dc DIN 43650

VALVOLA ELETTRICA / ELECTRIC VALVE

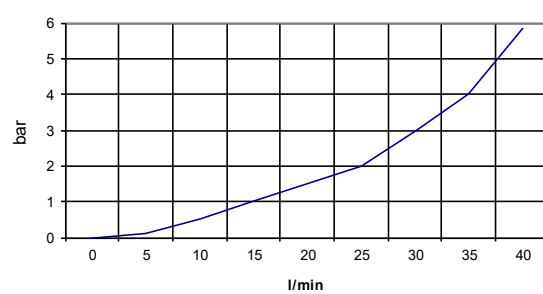
NA = NORMALMENTE APERTA / NORMALLY OPEN (SVCP- S08- TS2)
NC = NORMALMENTE CHIUSA / NORMALLY CLOSED (SVCP- S08 -TS1)

PERDITE DI CARICO / PRESSURE PERFORMANCE

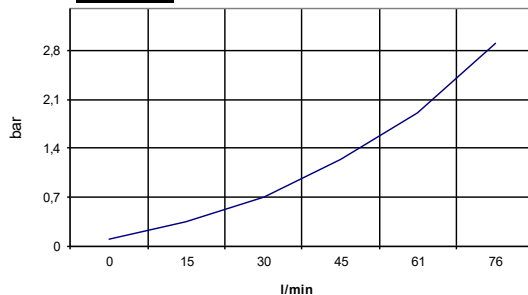
RVV10 RVV20 NORMALLY CLOSED



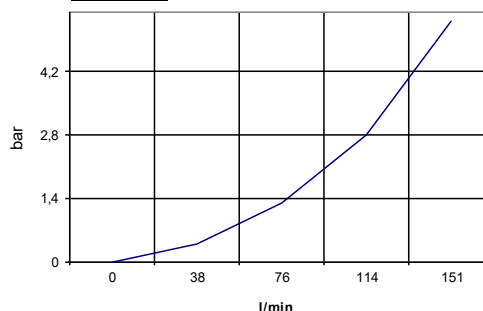
RVV10 RVV20 NORMALLY OPEN



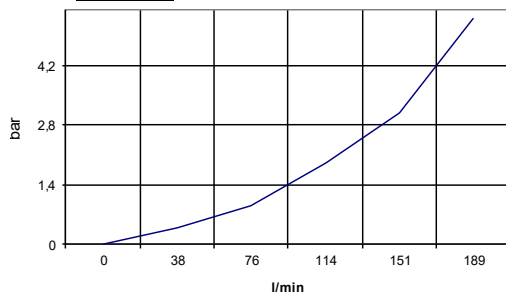
RVV30



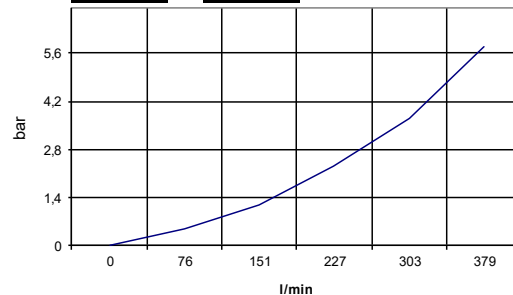
RVV40



RVV50



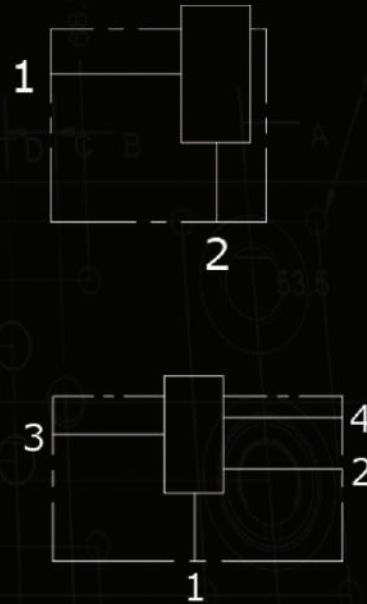
RVV60 RVV70



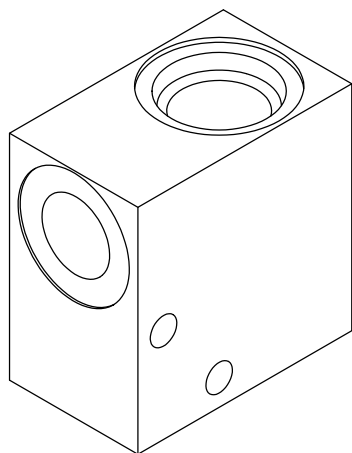
OLEODINAMICA 2mp

Sezione COLLETTORI

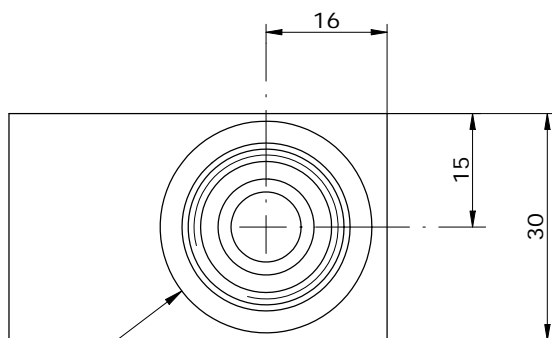
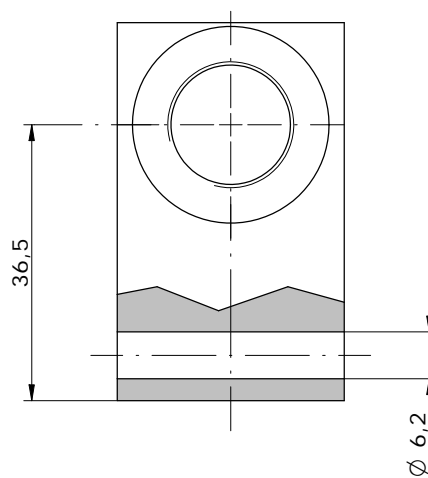
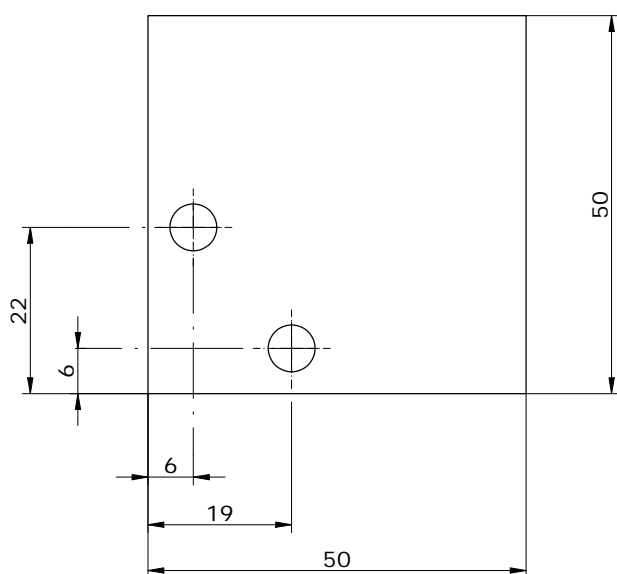
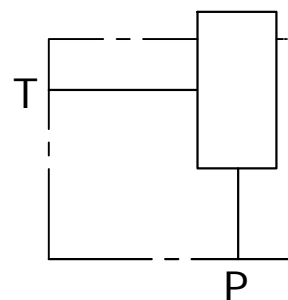
Section IN-LINE HOUSINGS



TOLLERANZA DI CARPENTERIA FINITO					
TOLLERANZE GENERALI PER LAVORAZI					
h	0	6	10	15	30
ALBERI	+0.1	+0.2	+0.3	+0.4	+0.5
FIANI	0	0	0	0	0
ALTRA	+0.05	+0.1	+0.15	+0.2	+0.3



Schema idraulico
 Hydraulic diagram



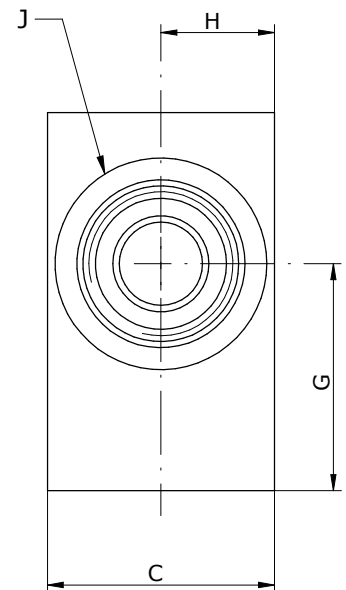
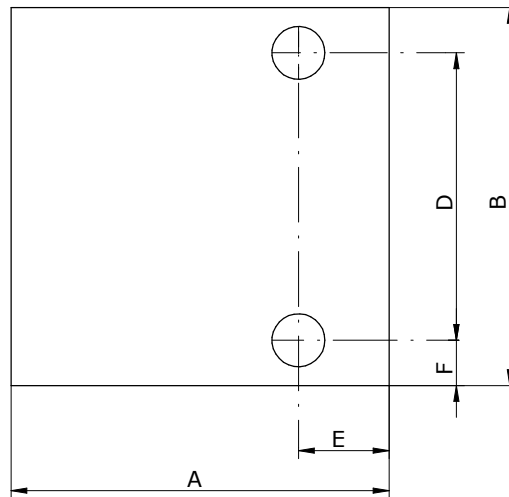
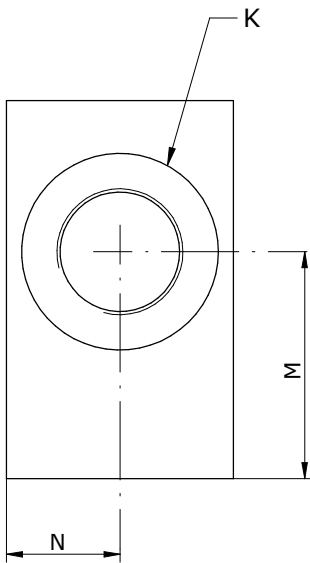
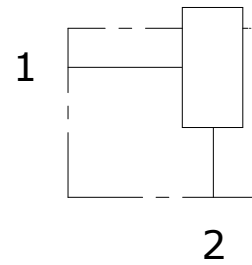
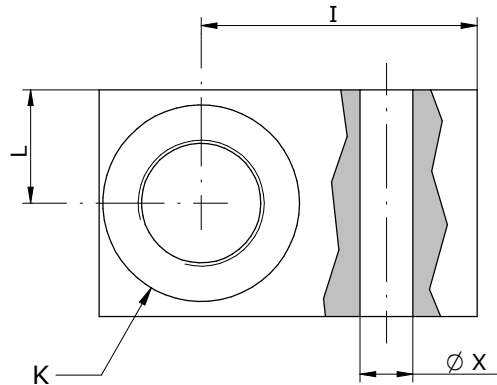
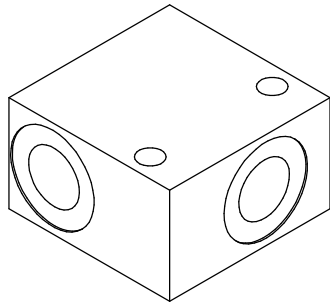
C007

HS_ 06 - ___ - 10

S = STEEL
A = ALUMINIUM

14 = BSP 1/4G
38 = BSP 3/8G

Schema idraulico
 Hydraulic diagram



SIZE	A	B	C	D	E	F	G	H	I	L	M	N	J	CAVITY	K	X
HS 08-2	50	50	30	38	12	6	30	15	36.5	15	30	15	SAE 08-2	C007	1/4"BSP - 3/8"BSP	6.5
HS 10-2	60	60	40	48	12	6	37	20	41.5	20	37	20	SAE 10-2	C035	3/8"BSP - 1/2"BSP	6.5
HS 12-2	80	70	50	54	8	8	40	25	54.5	25	40	25	SAE 12-2	C045	1/2"BSP - 3/4"BSP	8.5
HS 16-2	80	80	50	60	10	10	45	25	55	25	45	25	SAE 16-2	C023	3/4"BSP - 1"BSP	11

HS - - - 2 - -

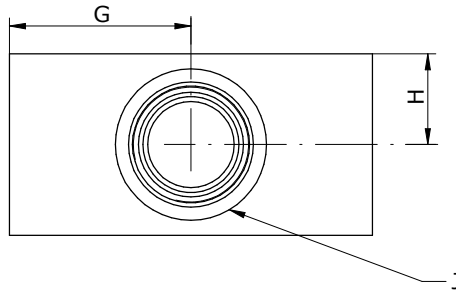
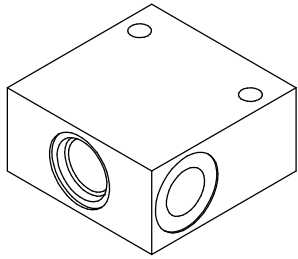
S = STEEL
A = ALUMINIUM

08 = 3/4-16UNF
10 = 7/8-14UNF
12 = 1.1/16-12 UNF
16 = 1.5/16-12 UNF

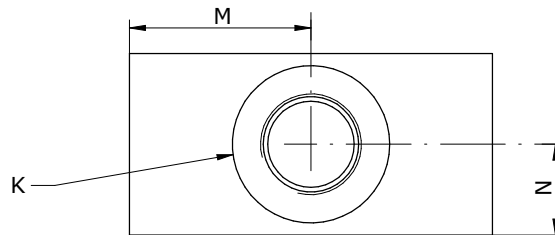
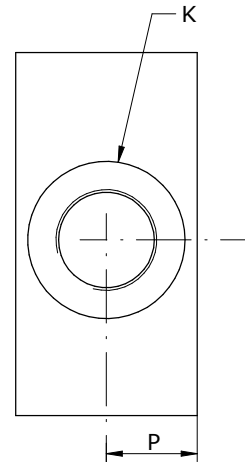
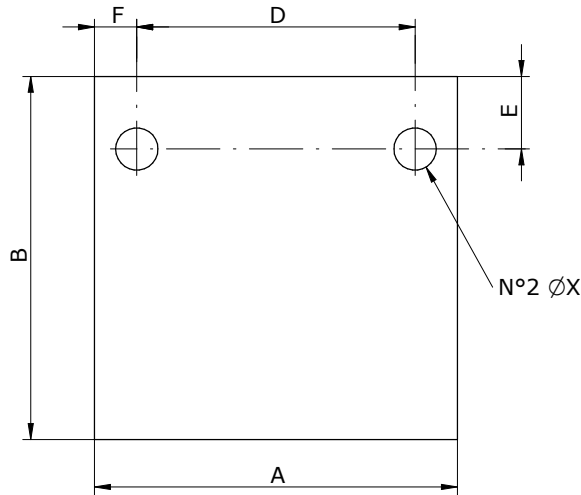
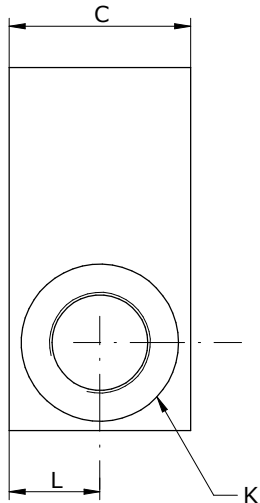
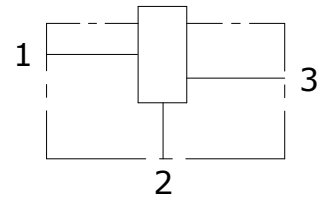
14 = 1/4"
38 = 3/8"
12 = 1/2"
34 = 3/4"
100 = 1"

COLLETTORE 3 VIE PER VALVOLA SAE 08-10-12-16
3 WAY IN-LINE HOUSING FOR SAE 08-10-12-16 VALVE

OLEODINAMICA
2mp



Schema idraulico
Hydraulic diagram



SIZE	A	B	C	D	E	F	G	H	I	L	M	N	O	P	J	CAVITY	K	X
HS 08-3	60	60	30	46	12	7	30	15	45.5	15	30	15	31	15	SAE 08-3	C012	1/4"BSP - 3/8"BSP	6.5
HS 10-3	60	65	40	48	7	6	30	20	51	20	30	20	33,5	20	SAE 10-3	C021	3/8"BSP - 1/2"BSP	6.5
HS 12-3	80	100	50	64	8	8	40	25	72.5	25	40	25	47	25	SAE 12-3	C054	1/2"BSP - 3/4"BSP	8.5
HS 16-3	90	100	50	70	10	10	45	25	75	25	45	25	46	25	SAE 16-3	C056	3/4"BSP - 1"BSP	11

HS - _ - _ - 3 - _

S = STEEL
A = ALUMINIUM

08 = 3/4-16 UNF
10 = 7/8-14 UNF
12 = 1.1/16-12 UNF
16 = 1.5/16-12 UNF

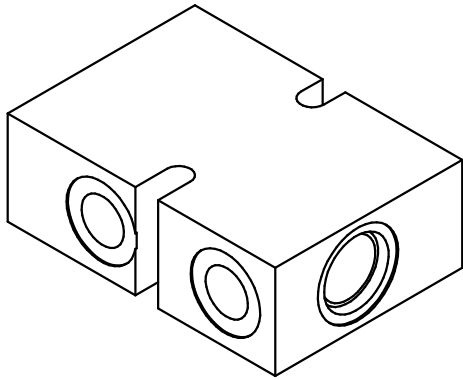
14 = BSP 1/4G
38 = BSP 3/8G
12 = BSP 1/2G
34 = BSP 3/4G
100 = BSP 1G

Via Nicolò Copernico 12/c-d
 29027 Casoni Di Gariga - Podenzano (PC) Italy

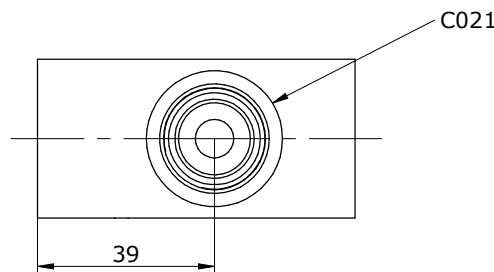
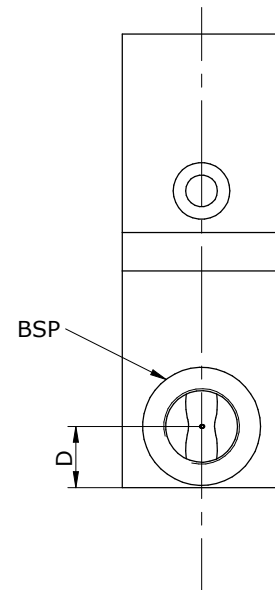
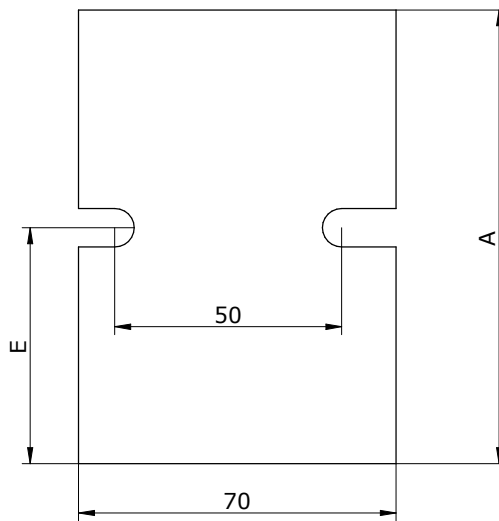
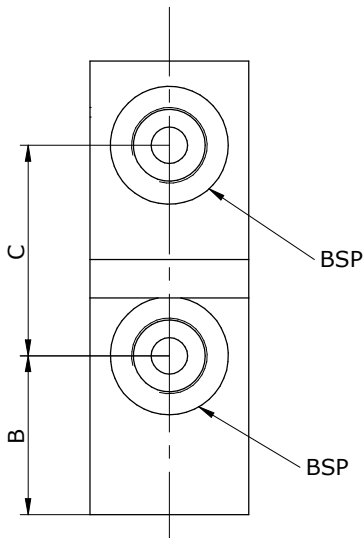
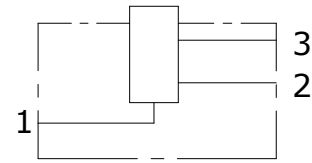
www.oleodinamica2mp.it
 Tel +39 0523 523231
 Fax +39 0523 524509

**COLLETTORE 3 VIE IN LINEA PER VALVOLA SAE 10
3 WAY IN-LINE HOUSING FOR SAE 10 VALVE**

**OLEODINAMICA
2mp**



Schema idraulico
Hydraulic diagram

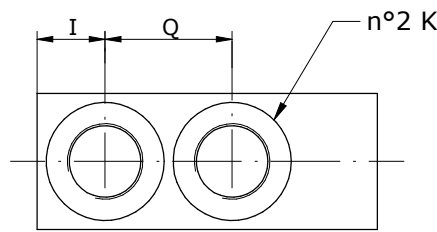
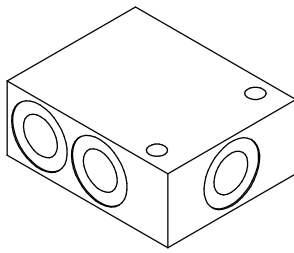


BSP	A	B	C	D	E
G 3/8"	100	35	46,4	13,5	52
G 1/2"	105	39	47,9	20	57

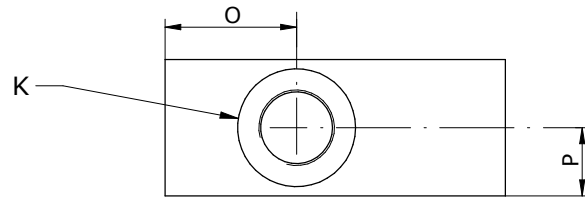
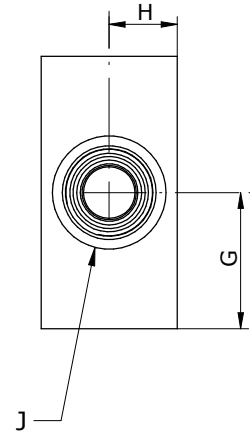
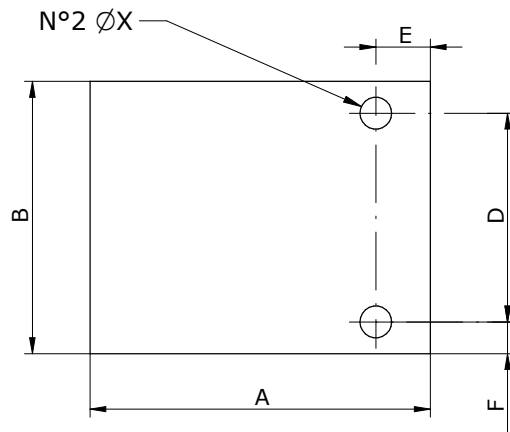
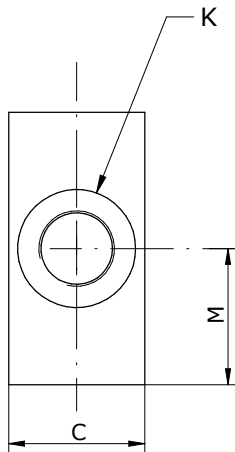
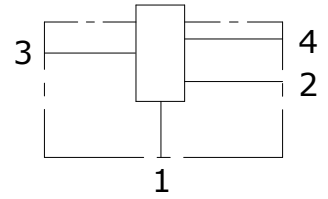
HS - _ - 10 - 3- V2- _

S = STEEL
A = ALUMINIUM

38 = BSP 3/8G
12 = BSP 1/2G



Schema idraulico
 Hydraulic diagram



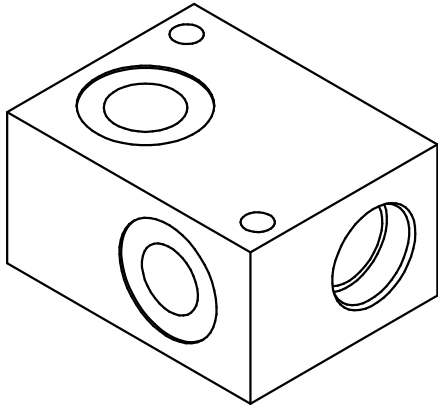
SIZE	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	J	CAVITY	K	X
HS 08-4	75	60	30	46	12	7	30	15	15	15	30	15	29	15	28	SAE 08-4	C001	1/4"BSP - 3/8"BSP	6.5
HS 10-4	85	60	40	46	8	7	30	20	18	20	30	20	34	20	32	SAE 10-4	C037	3/8"BSP - 1/2"BSP	6.5
HS 12-4	120	80	50	64	8	8	40	25	27.5	25	40	25	53	25	50.5	SAE 12-4	C067	1/2"BSP - 3/4"BSP	8.5
HS 16-4	125	90	50	70	10	10	45	25	25	25	45	25	54	25	57.5	SAE 16-4	C068	3/4"BSP - 1"BSP	11

HS - - - 4 - -

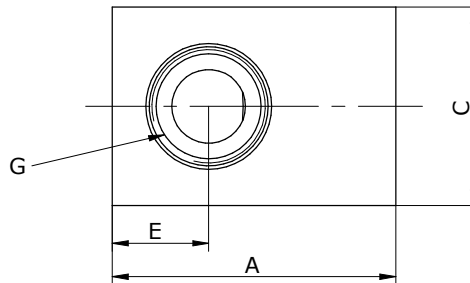
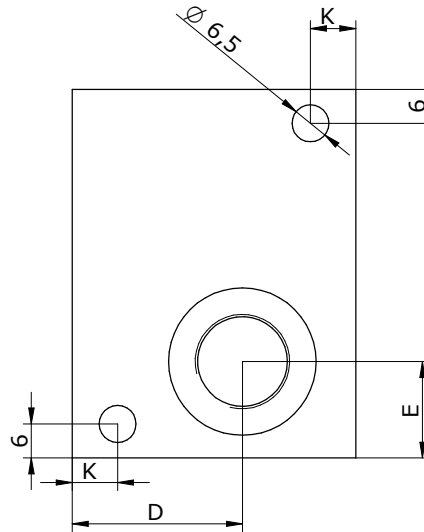
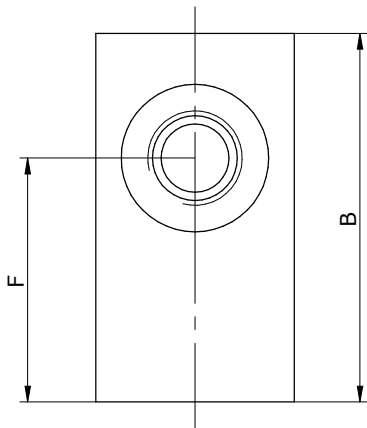
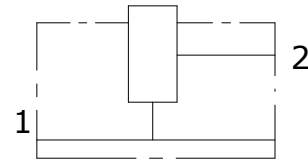
S = STEEL
A = ALUMINIUM

08 = 3/4-16UNF
10 = 7/8-14UNF
12 = 1.1/16-12 UNF
16 = 1.5/16-12 UNF

14 = 1/4"
38 = 3/8"
12 = 1/2"
34 = 3/4"
100 = 1"



Schema idraulico
 Hydraulic diagram



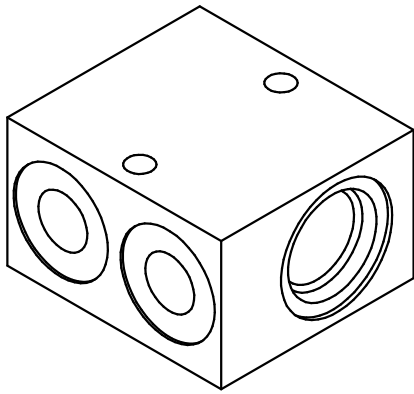
SIZE	A	B	C	D	E	F	G	CAVITY	H	K
020	50	65	35	30	17	43	M20x1,5	C008	3/8"BSP - 1/2"BSP	8
026	60	80	40	36,5	20	52,5	M26x1,5	C025	1/2"BSP - 3/4"BSP	6

HRV - - -

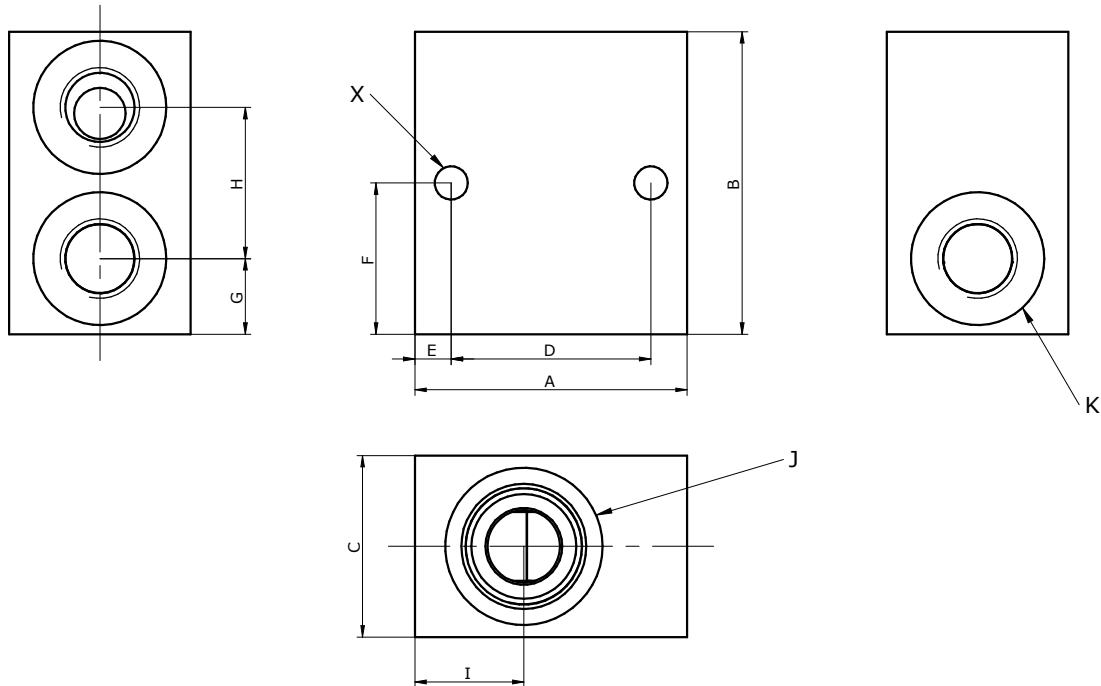
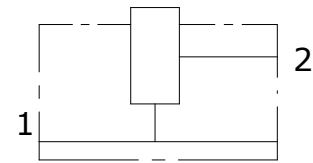
S = STEEL
A = ALUMINIUM

38 = 3/8"
12 = 1/2"
34 = 3/4"

080 = M20x1,5
150 = M26x1,5



Schema idraulico
 Hydraulic diagram



SIZE	A	B	C	D	E	F	G	H	I	CAVITY	J	K	X
HRVL_-08	45	50	30	33	6	25	12,5	24	18	SAE 08-2	C007	1/4"BSP	5,5
	60	60	30	48	6	30	14	32,5	25			3/8"BSP	6,5
HRVL_-10	70	78	35	58	6	39	20	40	26	SAE 10-2	C035	1/2"BSP	6,5
	70	90	40	56	8	45	20	52	26			3/4"BSP	8,5
	85	120	60	65	10	63	30	65	33			1"BSP	8,5
HRVL_-80	60	70	35	48	6	35	18	31	22	M20x1,5	C008	3/8"BSP - 1/2"BSP	6,5
HRVL_-150	85	120	60	65	10	63	30	58	32	M26x1,5	C019	1"BSP	8,5
	100	135	70	80	10	70	35	68	40			1.1/4"BSP	10,5

HRVL - - -

S = STEEL
A = ALUMINIUM

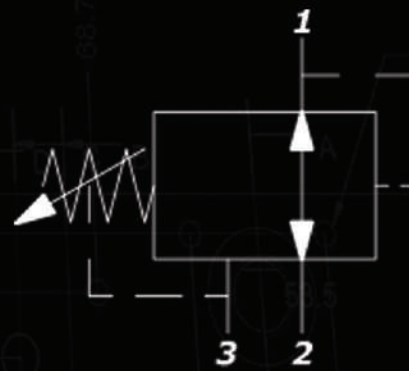
08 = 3/4-16 UNF
10 = 7/8-14UNF
80 = M20x1,5
150 = M26x1,5

14 = 1/4"
38 = 3/8"
12 = 1/2"
34 = 3/4"
100 = 1"
114 = 1.1/4"

OLEODINAMICA 2mp

Sezione VALVOLE A CARTUCCIA

Section CARTRIDGE VALVES



28027 Cason di Giungo (VC) - Via Copernico, 12

Tel. 0523 520331 - Fax 0523 524839

TOLLERANZA DI CARPENTERIA FINI 1000 10

TOLLERANZE GENERALI PER LAVORAZI

h	0	5	10	15	30
h	0	0	0,20	0,35	0,50
ALBERI	+0,1	+0,2	+0,3	+0,4	+0,5
FILETTI	0	0	0	0	0
ALTRA	+0,05	+0,1	+0,15	+0,2	+0,3

17/07/2014

CARATTERISTICHE TECNICHE TECHNICAL CHARACTERISTICS

Pressione massima
Maximum pressure 350 bar (5075 psi)

Portata nominale
Nominal Flow 30 l/min (7,9 gpm)

Temperatura di esercizio
Operating temperature -30 / +110 °C

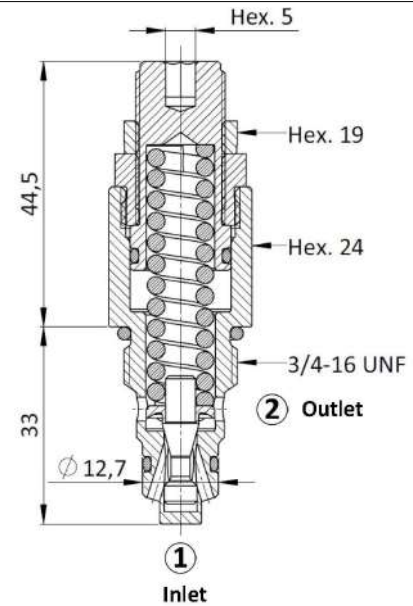
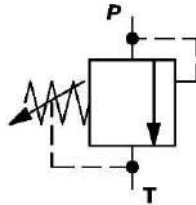
Cavità
Cavity C007

Max.trafilamento interno
Max. internal leakage 0,25cc/min -80%

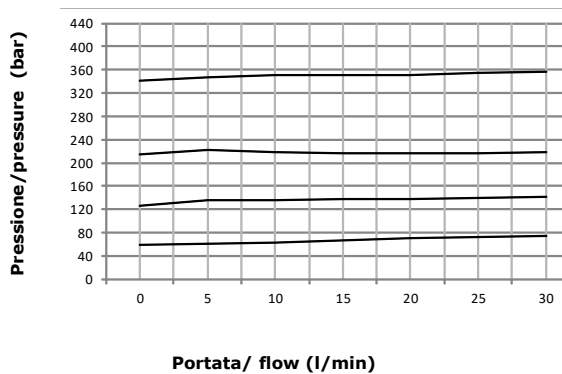
Coppia
Torque 40-45 Nm

Peso
Weight 0,145 kg

SCHEMA IDRAULICO HYDRAULIC SCHEME



PRESTAZIONI PERFORMANCE



DESCRIZIONE DESCRIPTION

La valvola apre il passaggio dell'olio da 1 a 2 solo quando la pressione dell'olio applicata su 1 supera la forza della molla.

DRV opens flow passage from port 1 to 2 only when the oil pressure at 1 exceeds the spring setting.

TIPI DI REGOLAZIONE REGULATION TYPE



H VITE CON CHIAVE
ESAGONALE (standard)
HEXAGONAL HEAD SCREW



C CAPPUCCIO INVIOLABILE
COVER CAP NOT ADJUSTABLE

CODICE D'ORDINAZIONE ORDERING CODE

DRV-S08-04- - - -

MOLLA / SPRING

060 = 15-60 bar
135 = 25-135 bar
220 = 50-220 bar
350 = 120-350 bar

GUARNIZIONI / SEALS

N = NBR
V = VITON

TIPI DI REGOLAZIONE / TYPE OF REGULATION

SIZE BODY / DIMENSIONE CORPO

OMETTERE/OMIT
101=BSP1/4" (pag.18.1)
201=BSP3/8" (pag.18.1)
102=BSP1/4" (pag.18.2)
202=BSP3/8" (pag.18.2)

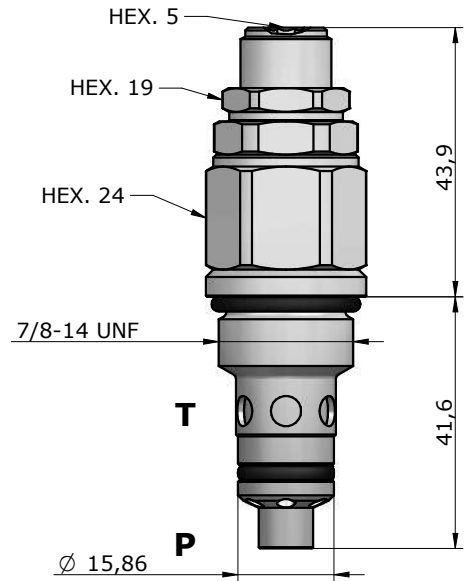
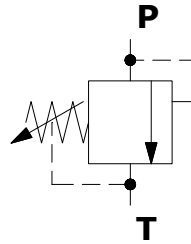
MATERIAL BODY / MATERIALE CORPO

OMETTERE/OMIT
S = STEEL
A = ALLUMINIUM

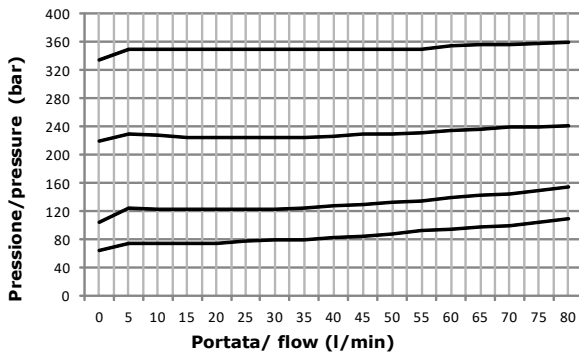
CARATTERISTICHE TECNICHE
TECHNICAL FEATURES

Pressione massima Maximum pressure	350 bar (5075 psi)
Portata nominale Nominal Flow	80 l/min (21,1 gpm)
Temperatura di esercizio Operating temperature	-30 / +110 °C
Cavità Cavity	C035
Trafilamento interno Internal leakage	0,25cc /min
Coppia Torque	55-65 Nm
Peso Weight	0,17 kg

SCHEMA IDRAULICO
HYDRAULIC SCHEME



PRESTAZIONI
PERFORMANCES



DESCRIZIONE
DESCRIPTION

La valvola apre il passaggio dell'olio da 1 a 2 solo quando la pressione dell'olio applicata su 1 supera la forza della molla.

DRV opens flow passage from port 1 to 2 only when the oil pressure at 1 exceeds the spring setting.

TIPI DI REGOLAZIONE
REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE

CODICE D'ORDINAZIONE
ORDERING CODE

DRV-S10-02- - - -

MOLLA / SPRING

- 110** = 5-110 bar
- 180** = 10-180 bar
- 240** = 10-240 bar
- 350** = 50-350 bar

GUARNIZIONI / SEALS

- N** = NBR (standard)
- V** = VITON

TIPI DI REGOLAZIONE / TYPE OF REGULATION

DIMENSIONE CORPO

- SIZE BODY /
OMETTERE/OMIT
200=BSP3/8" (pag.18.2)
300=BSP1/2" (pag.18.2)

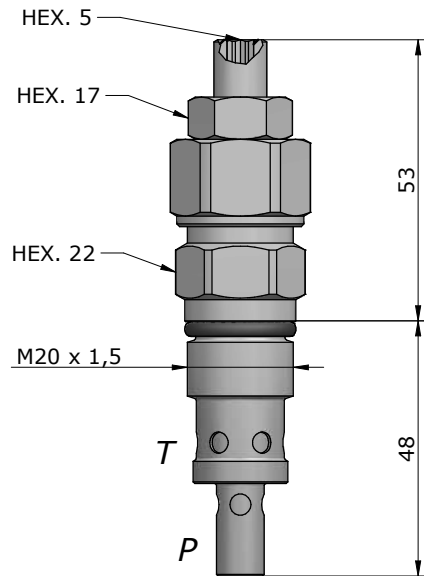
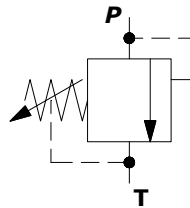
MATERIALE CORPO /
MATERIAL BODY

- OMETTERE/OMIT**
S = STEEL
A = ALLUMINIUM

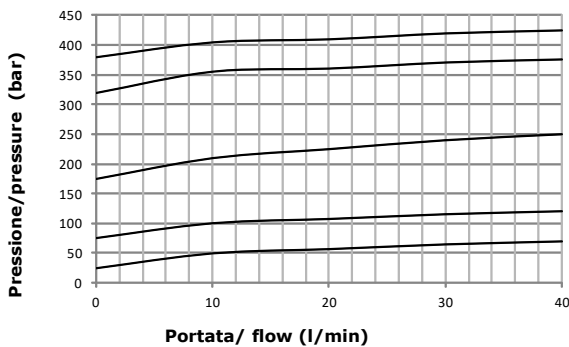
CARATTERISTICHE TECNICHE
TECHNICAL FEATURES

Pressione massima Maximum pressure	420 bar (6091 psi)
Portata nominale Nominal Flow	30 l/min (7,9 gpm)
Temperatura di esercizio Operating temperature	-30 / +110 °C
Cavità Cavity	C008
Trafilamento interno Internal leakage	1 cc/min 80% of nominal set point
Coppia Torque	45-50 Nm
Peso Weight	0,15 kg

SCHEMA IDRAULICO
HYDRAULIC SCHEME



PRESTAZIONI
PERFORMANCS



DESCRIZIONE
DESCRIPTION

La valvola apre il passaggio dell'olio da 1 a 2 solo quando la pressione dell'olio applicata su 1 supera la forza della molla.

DRV opens flow passage from port 1 to 2 only when the oil pressure at 1 exceeds the spring setting.

TIPI DI REGOLAZIONE
REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE

CODICE D'ORDINAZIONE
ORDERING CODE

DRV-M20-02- - - -

MOLLA / SPRING

- 055** = 5-55 bar
- 110** = 25-110 bar
- 215** = 50-215 bar
- 350** = 100-350 bar
- 420** = 100-420 bar

GUARNIZIONI / SEALS

- N** = NBR (standard)
- V** = VITON

TIPI DI REGOLAZIONE / REGULATION TYPE

DIMENSIONE CORPO /
SIZE BODY

- OMETTERE/OMIT**
- 200**=BSP3/8"(pag.18.6)
- 300**= BSP1/2"(pag.18.6)
- 201**= BSP3/8"(pag.18.7)
- 301**=BSP1/2"(pag.18.7)

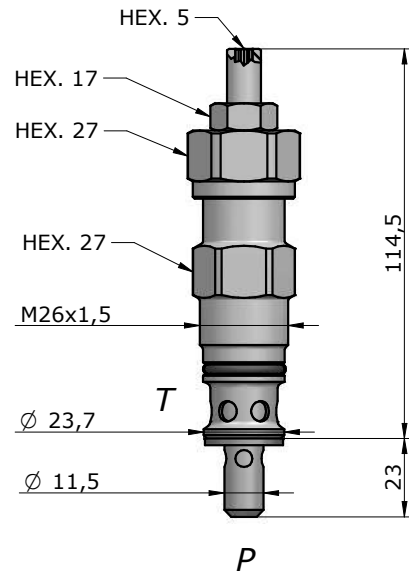
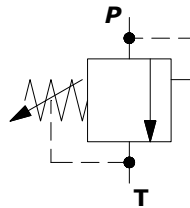
MATERIALE CORPO /
MATERIAL BODY

- OMETTERE/OMIT**
- S** = STEEL
- A** = ALLUMINIUM

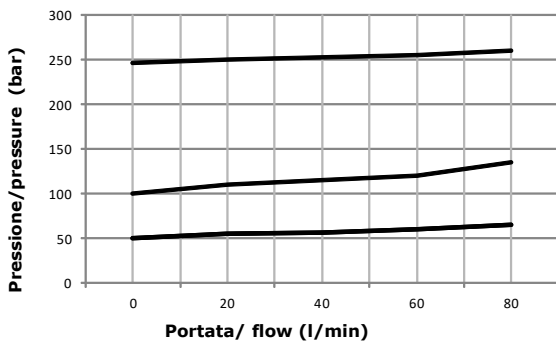
CARATTERISTICHE TECNICHE
TECHNICAL FEATURES

Pressione massima Maximum pressure	250 bar (3625 psi)
Portata nominale Nominal Flow	80 l/min (21,1 gpm)
Temperatura di esercizio Operating temperature	-30 / +110 °C
Cavità Cavity	C025
Trafilamento interno Internal leakage	1 cc/min to 80% of nominal set point
Coppia Torque	75-80 Nm
Peso Weight	0,35 kg

SCHEMA IDRAULICO
HYDRAULIC SCHEME



PRESTAZIONI
PERFORMANCS



DESCRIZIONE
DESCRIPTION

La valvola apre il passaggio dell'olio da 1 a 2 solo quando la pressione dell'olio applicata su 1 supera la forza della molla.

DRV opens flow passage from port 1 to 2 only when the oil pressure at 1 exceeds the spring setting.

TIPI DI REGOLAZIONE
REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB
	C	CAPPUCCIO INVIOLABILE COVER CAP NOT ADJUSTABLE

CODICE D'ORDINAZIONE
ORDERING CODE

DRV-M26-01- - - -

MOLLA / SPRING

055 = 5-55 bar
110 = 25-110 bar
250 = 75-250 bar

GUARNIZIONI / SEALS

N = NBR (standard)
V = VITON

TIPI DI REGOLAZIONE / TYPE OF REGULATION

DIMENSIONE CORPO /
SIZE BODY

OMETTERE/OMIT
300=BSP1/2"(pag.18.6)
400=BSP3/4"(pag.18.6)
501=BSP1"(pag.18.7)
601=BSP1.1/4"(pag.18.7)

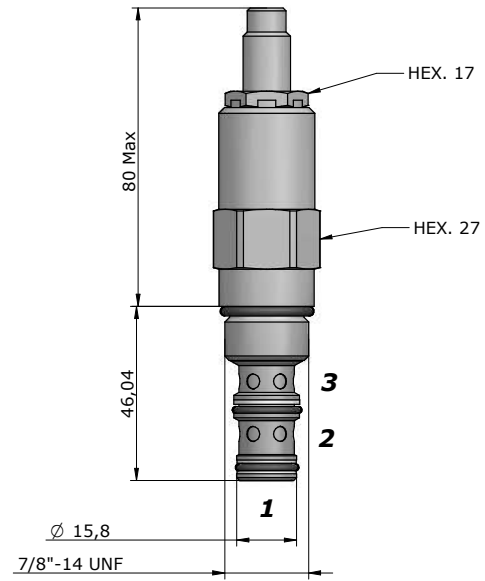
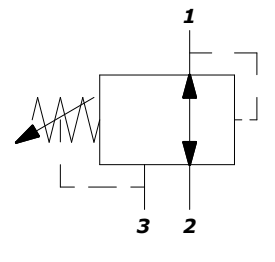
MATERIALE CORPO /
MATERIAL BODY

OMETTERE/OMIT
S = STEEL
A = ALLUMINIUM

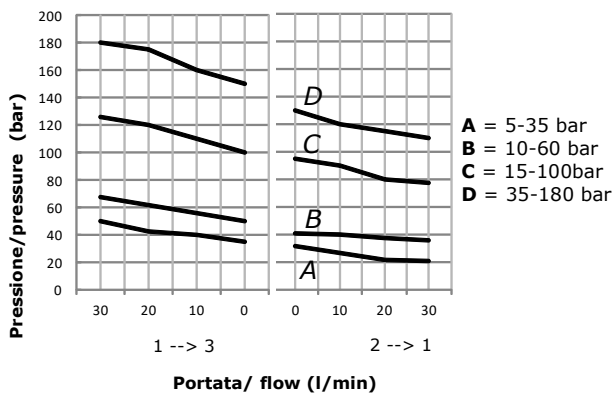
CARATTERISTICHE TECNICHE TECHNICAL FEATURES

Pressione massima Maximum pressure	350 bar (5075 psi)
Portata nominale Nominal Flow	30 l/min (7,9 gpm)
Temperatura di esercizio Operating temperature	-30 / +100 °C
Cavità Cavity	C021
Trafilamento interno Internal leakage	70 cc/min (350 bar on port 2)
Coppia Torque	60 Nm
Peso Weight	0,30 kg

SCHEMA IDRAULICO HYDRAULIC SCHEME



PRESTAZIONI PERFORMANCES



DESCRIZIONE DESCRIPTION

La valvola riduttrice di pressione serve a mantenere costante la pressione a valle, indipendentemente dalla pressione a monte anche con circolazione interrotta. La valvola riduce la pressione da 2 a 1.

The pressure reducing valve serves to preserv constant the pressure downstream, regardless of the upstream pressure even with circulation stopped. the valve reduces pressure from 2 to 1.

TIPI DI REGOLAZIONE REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB

CODICE D'ORDINAZIONE ORDERING CODE

RPD-S10-01- - - -

MOLLA / SPRING

035 = 5-35 bar
060 = 10-60 bar
100 = 15-100 bar
180 = 35-180 bar

GUARNIZIONI / SEALS

N = NBR
V = VITON

TIPI DI REGOLAZIONE / TYPE OF REGULATION

DIMENSIONE CORPO / SIZE BODY

OMETTERE/OMIT

200=BSP3/8" (pag.18.3)
300=BSP1/2" (pag.18.3)
201=BSP3/8" (pag.18.4)
301=BSP1/2" (pag.18.4)

MATERIALE CORPO / MATERIAL BODY

OMETTERE/OMIT

S = STEEL
A = ALLUMINIUM

CARATTERISTICHE TECNICHE TECHNICAL FEATURES

Pressione massima
Maximum pressure 250 bar (3625 psi)

Portata nominale
Nominal Flow 25 l/min (6,6 gpm)

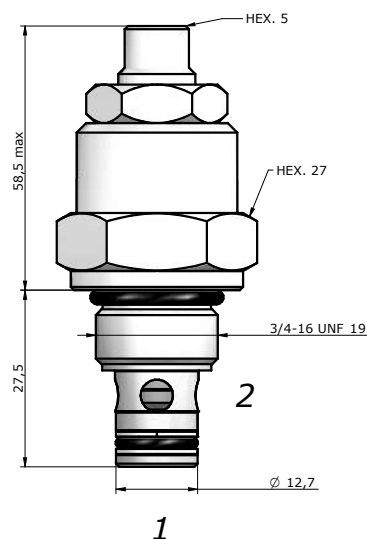
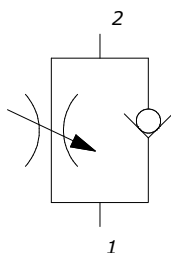
Temperatura di esercizio
Operating temperature -30 / +100 °C

Cavità
Cavity C007

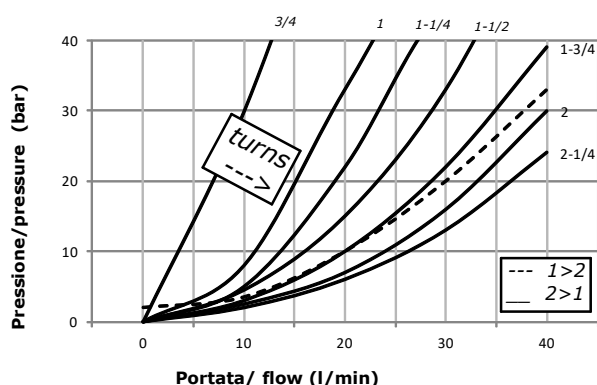
Coppia
Torque 27-30 Nm

Peso
Weight 0,15kg

SCHEMA IDRAULICO HYDRAULIC SCHEME



PRESTAZIONI PERFORMANCE



DESCRIZIONE DESCRIPTION

La valvola permette di regolare il flusso dell'olio tramite una vite di registro da 2 a 1. Nella direzione opposta si ha flusso libero.

The valve allows the regulation of flow passage from 2 to 1 with a screw. In the opposite direction flow is free.

TIPI DI REGOLAZIONE REGULATION TYPE

	H	VITE CON CHIAVE ESAGONALE (standard) HEXAGONAL HEAD SCREW
	K	POMOLO KNOB

CODICE D'ORDINAZIONE ORDERING CODE

FCO-S08-01- - - -

GUARNIZIONI / SEALS

N = NBR
V = VITON

TIPI DI REGOLAZIONE / TYPE OF REGULATION

SIZE BODY / DIMENSIONE CORPO

OMETTERE/OMIT

100=BSP1/4"(pag.18.7)
200=BSP3/8"(pag.18.7)
101=BSP1/4"(pag.18.1)
201=BSP3/8"(pag.18.1)
102=BSP1/4"(pag.18.2)
202=BSP3/8"(pag.18.2)

MATERIAL BODY / MATERIALE CORPO

OMETTERE/OMIT

S = STEEL
A = ALLUMINIUM

CARATTERISTICHE TECNICHE TECHNICAL CHARACTERISTICS

Pressione massima
Maximum pressure 420 bar (6091 psi)

Portata nominale
Nominal Flow 50 l/min (13,20 gpm)

Temperatura di esercizio
Operating temperature -30 / +110 °C

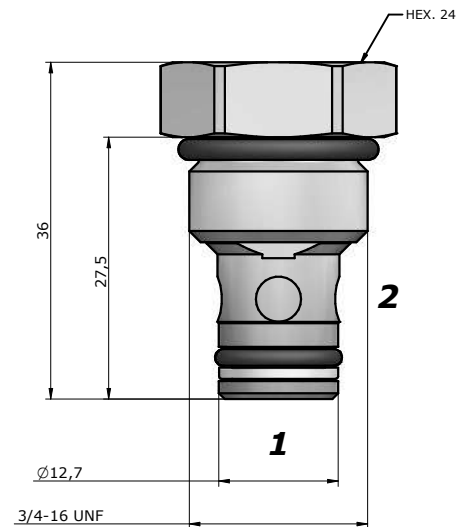
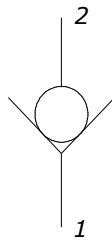
Cavità
Cavity C007

Trafilamento interno
Internal leakage 0,3 cc/min

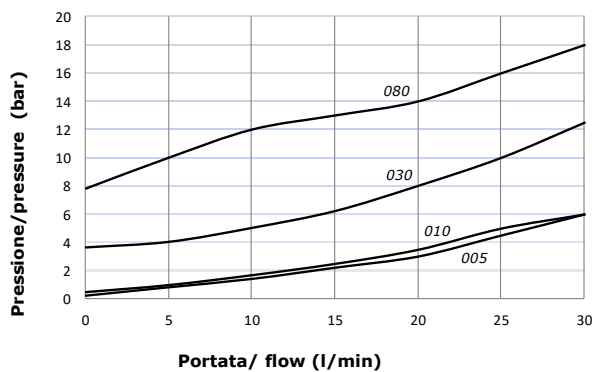
Coppia
Torque 40-45 Nm

Peso
Weight 0,06 kg

SCHEMA IDRAULICO HYDRAULIC SCHEME



PRESTAZIONI PERFORMANCES



DESCRIZIONE DESCRIPTION

La VRO permette il passaggio libero del flusso di olio da 1 a 2, mentre blocca il flusso nella direzione opposta.

The VRO allows flow passage from 1 to 2, while blocking in the opposite direction.

CODICE D'ORDINAZIONE ORDERING CODE

VRO-S08-01- - -

MOLLA / SPRING

005 = 0,5 bar

010 = 1,0 bar

025 = 2,5 bar

030 = 3,0 bar

GUARNIZIONI / SEALS

N = NBR

V = VITON

SIZE BODY / DIMENSIONE CORPO

OMETTERE/OMIT

100=BSP1/4" (pag.18.7)

200=BSP3/8" (pag.18.7)

101=BSP1/4" (pag.18.1)

201=BSP3/8" (pag.18.1)

102=BSP1/4" (pag.18.2)

202=BSP3/8" (pag.18.2)

MATERIALE CORPO / MATERIAL BODY

OMETTERE/OMIT

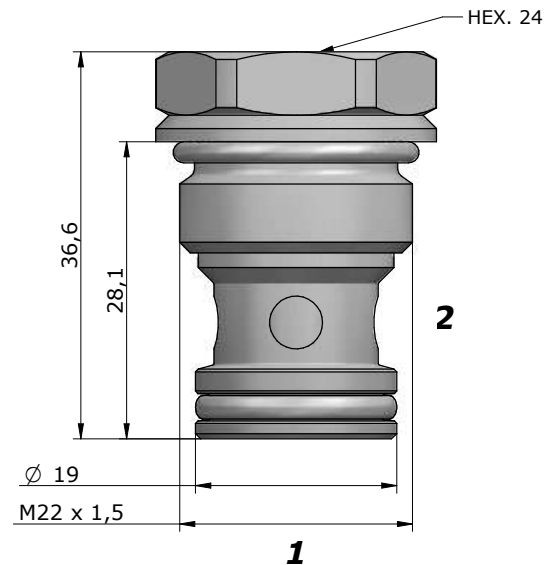
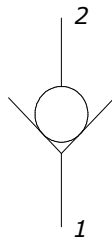
S = STEEL

A = ALLUMINIUM

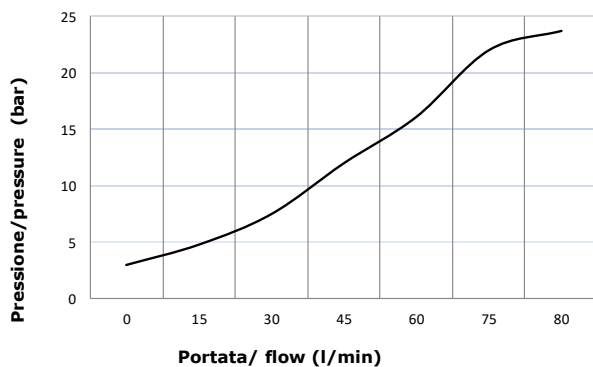
CARATTERISTICHE TECNICHE
TECHNICAL CHARACTERISTICS

Pressione massima Maximum pressure	420 bar (6091 psi)
Portata nominale Nominal Flow	80 l/min (21,13 gpm)
Temperatura di esercizio Operating temperature	-30 / +110 °C
Cavità Cavity	C002
Trafilamento interno Internal leakage	0,1 cm ³ /min @ 350 bar
Coppia Torque	55-65 Nm
Peso Weight	0,08 kg

SCHEMA IDRAULICO
HYDRAULIC SCHEME



PRESTAZIONI
PERFORMANCES



DESCRIZIONE
DESCRIPTION

La VRO permette il passaggio libero del flusso di olio da 1 a 2, mentre blocca il flusso nella direzione opposta.

The VRO allows flow passage from 1 to 2, while blocking in the opposite direction.

CODICE D'ORDINAZIONE
ORDERING CODE

VRO-M22-01- _____ - _____

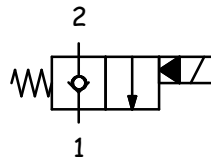
MOLLA / SPRING
030 = 3 bar

GUARNIZIONI / SEALS
N = NBR
V = VITON

CARATTERISTICHE TECNICHE TECHNICAL CHARACTERISTICS

Pressione massima Maximum pressure	350 bar (5075 psi)
Portata nominale Nominal Flow	40 l/min (10,6 gpm)
Temperatura di esercizio Operating temperature	-30 / +110 °C
Cavità Cavity	C007
Trafilamento interno Internal leakage	5 cc/min (50 °C; 21 cSt; 200 bar)
Coppia Torque	40-45 Nm
Peso Weight	0,11 kg

SCHEMA IDRAULICO HYDRAULIC SCHEME

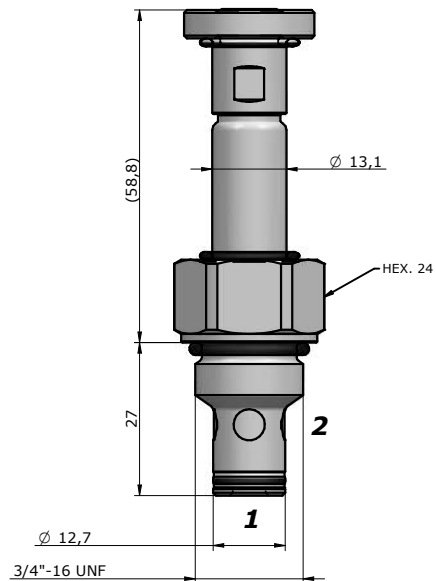


BOBINA COIL



13-39
18 W

pag. 20.0



PRESTAZIONI PERFORMANCES



DESCRIZIONE DESCRIPTION

Quando la bobina è eccitata, l'otturatore si solleva e fa sì che da 2 a 1 ci sia passaggio libero, in questo modo da 1 a 2 il flusso è molto ristretto.

Quando la bobina è diseccitata, la SVCP agisce come valvola di ritegno che consente il flusso libero da 1 a 2, mentre lo blocca da 2-1.

When the coil is energized the poppets lifts and opens the 2 to 1 flow path. In this operation mode, flow from 1 to 2 is severely restricted.

When the coil is de-energized, the SVCP acts as check valve allowing free flow from 1 to 2, while blocking from 2 to 1.

CODICE D'ORDINAZIONE ORDERING CODE

SVCP-S08-TS1- - - - -

GUARNIZIONI / SEAL

N = NBR
V = VITON

REGOLAZIONE / REGULATION

0 = SENZA COMANDO MANUALE / NO MANUAL OVERRIDE
1 = VITE / SCREW
2 = SPINGI E GIRA / PUSH AND TWIST
6 = TAPPO PREMUTO / PULL AND HOLD

TENSIONE / VOLTAGE

000 = SENZA BOBINA / WITHOUT COIL
D12 = 12 VDC
D24 = 24 VDC
D20 = 220 RAC
D26 = 26 VDC

TIPO CONNETTORE /CONNECTOR TYPE

0 = SENZA BOBINE / WITHOUT COIL
C = CAVI / LEADS
D = DIN 43650
G = DEUTSCH DT04-2P
A = AMP JUNIOR

SIZE BODY / DIMENSIONE CORPO

OMETTERE/OMIT

100=BSP1/4" (pag.18.7)
200=BSP3/8" (pag.18.7)
101=BSP1/4" (pag.18.1)
201=BSP3/8" (pag.18.1)
102=BSP1/4" (pag.18.2)
202=BSP3/8" (pag.18.2)

MATERIALE CORPO /

MATERIAL BODY

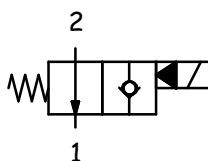
OMETTERE/OMIT

S = STEEL
A = ALLUMINIUM

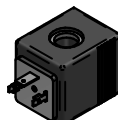
CARATTERISTICHE TECNICHE TECHNICAL CHARACTERISTICS

Pressione massima Maximum pressure	350 bar (5075 psi)
Portata nominale Nominal Flow	40 l/min (10,6 gpm)
Temperatura di esercizio Operating temperature	-30 / +110 °C
Cavità Cavity	C007
Trafilamento interno Internal leakage	5 cc/min (50 °C; 21 cSt; 300 bar)
Coppia Torque	40-45 Nm
Peso Weight	0,11 kg

SCHEMA IDRAULICO HYDRAULIC SCHEME

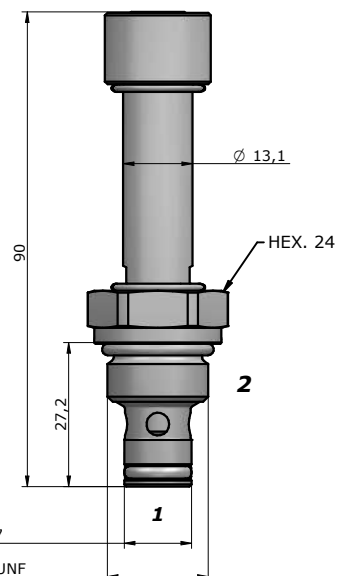


BOBINA COIL



13-39
18 W

pag. 20.0



PRESTAZIONI PERFORMANCES

2 --> 1



DESCRIZIONE DESCRIPTION

Quando la bobina è eccitata, la valvola blocca il passaggio da 2 a 1.

Quando la bobina è diseccitata, la SVCP consente il flusso libero da 2 a 1, mentre lo blocca da 1 a 2.

When the coil is energized, blocking flow from 2 to 1.

When the coil is de-energized, the SVCP allows flow from 2 to 1, while flow from 1 to 2 is severely restricted.

CODICE D'ORDINAZIONE ORDERING CODE

SVCP-S08-TS2- - - - -

GUARNIZIONI / SEAL

N = NBR
V = VITON

REGOLAZIONE / REGULATION

0 = SENZA COMANDO MANUALE / NO MANUAL OVERRIDE
3 = PRESSIONE SU SPINA / PUSH PIN
4 = PRESSIONE SU BOTTONE / PUSH BOTTON
5 = BRUGOLA / ALLEN

TENSIONE / VOLTAGE

000 = SENZA BOBINA / WITHOUT COIL
D12 = 12 VDC
D24 = 24 VDC
220 = 220 RAC

TIPO CONNETTORE /CONNECTOR TYPE

0 = SENZA BOBINA / WITHOUT COIL
C = CAVI / LEADS
D = DIN 43650
G = DEUTSCH DT04-2P
A = AMP JUNIOR

SIZE BODY /DIMENSIONE CORPO

OMETTERE/OMIT
100=BSP1/4"(pag.18.7)
200=BSP3/8"(pag.18.7)
101=BSP1/4"(pag.18.1)
201=BSP3/8"(pag.18.1)
102=BSP1/4"(pag.18.2)
202=BSP3/8"(pag.18.2)

MATERIALE CORPO /

MATERIAL BODY
OMETTERE/OMIT
S = STEEL
A = ALLUMINIUM

CARATTERISTICHE TECNICHE TECHNICAL CHARACTERISTICS

Pressione massima
Maximum pressure 350 bar (5075 psi)

Portata nominale
Nominal Flow 70 l/min (18,6 gpm)

Temperatura di esercizio
Operating temperature - 20°C /+ 80°C

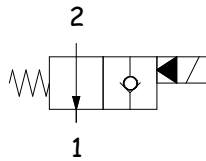
Cavità
Cavity C035

Trafilamento interno
Internal leakage 0,25cc/min

Coppia
Torque 40 Nm

Peso
Weight 0,56 Kg

SCHEMA IDRAULICO HYDRAULIC SCHEME

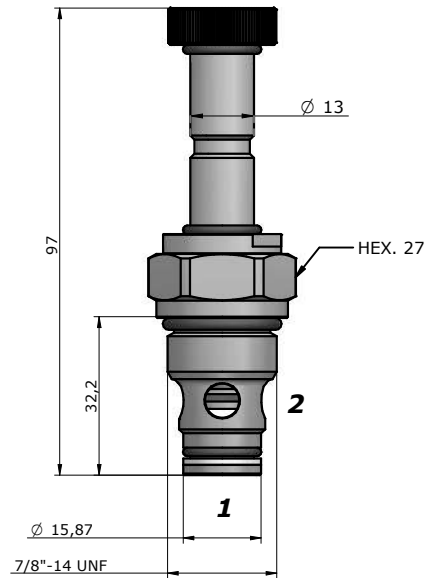


BOBINA COIL



13-39
22 W

pag. 20.0



PRESTAZIONI PERFORMANCES



DESCRIZIONE DESCRIPTION

Quando la bobina è eccitata, la valvola blocca il passaggio da 2 a 1.

Quando la bobina è diseccitata, la SVCP consente il flusso libero da 2 a 1, mentre lo blocca da 1 a 2.

When the coil is energized, blocking flow from 2 to 1.

When the coil is de-energized, the SVCP allows flow from 2 to 1, while flow from 1 to 2 is severely restricted.

CODICE D'ORDINAZIONE ORDERING CODE

SVCP-S10-TS2- - - - -

GUARNIZIONI / SEAL

N = NBR
V = VITON

REGOLAZIONE / REGULATION

0 = SENZA COMANDO MANUALE / NO MANUAL OVERRIDE
2 = SPINGI E GIRA / PUSH AND TWIST
4 = PRESSIONE SU BOTTONE / PUSH BOTTON

TENSIONE / VOLTAGE

000 = SENZA BOBINA / WITHOUT COIL
D12 = 12 VDC
D24 = 24 VDC
D26 = 26 VDC

TIPO CONNETTORE / CONNECTOR TYPE

0 = SENZA BOBINE / WITHOUT COIL
D = DIN 43650
G = DEUTSCH DT04-2P
A = AMP JUNIOR

DIMENSIONE CORPO / SIZE BODY

OMMETTERE/OMIT

200=BSP3/8"(pag.18.3)
300=BSP1/2"(pag.18.3)
201=BSP3/8"(pag.18.4)
301=BSP1/2"(pag.18.4)
303=BSP1/2"(pag.18.7)
403=BSP3/4"(pag.18.7)
503=BSP1"(pag.18.7)

MATERIALE CORPO / MATERIAL BODY

OMMETTERE/OMIT

S = STEEL
A = ALLUMINIUM

CARATTERISTICHE TECNICHE TECHNICAL CHARACTERISTICS

Pressione massima
Maximum pressure 350 bar (5075 psi)

Portata nominale
Nominal Flow 140 l/min (37 gpm)

Temperatura di esercizio
Operating temperature - 20 /+80°C

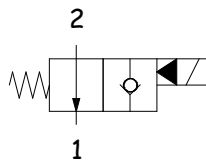
Cavità
Cavity C045

Trafilamento interno
Internal leakage 0,25 cc/min

Coppia
Torque 60 Nm

Peso
Weight 0,58 Kg

SCHEMA IDRAULICO HYDRAULIC SCHEME

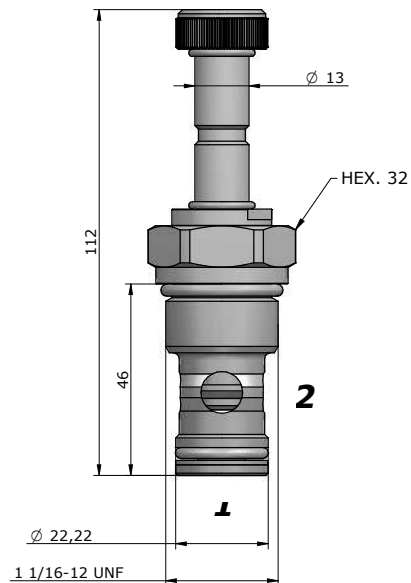


BOBINA COIL

13-39
22 W

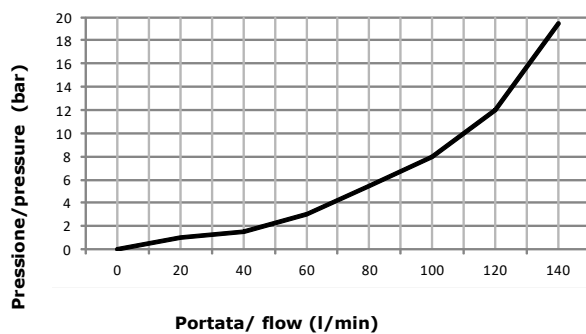


pag. 20.0



PRESTAZIONI PERFORMANCES

2 --> 1



DESCRIZIONE DESCRIPTION

Quando la bobina è eccitata, la valvola blocca il passaggio da 2 a 1.

Quando la bobina è diseccitata, la SVCP consente il flusso libero da 2 a 1, mentre lo blocca da 1 a 2.

When the coil is energized, blocking flow from 2 to 1.

When the coil is de-energized, the SVCP allows flow from 2 to 1, while flow from 1 to 2 is severely restricted.

CODICE D'ORDINAZIONE ORDERING CODE

SVCP-S12-TS2- - - - -

GUARNIZIONI / SEAL

N = NBR
V = VITON

REGOLAZIONE / REGULATION

0 = SENZA COMANDO MANUALE / NO MANUAL OVERRIDE
2 = SPINGI E GIRA / PUSH AND TWIST
4 = PRESSIONE SU BOTTONE / PUSH BOTTON

TENSIONE / VOLTAGE

000 = SENZA BOBINA / WITHOUT COIL
D12 = 12 VDC
D24 = 24 VDC
D26 = 26 VDC

TIPO CONNETTORE / CONNECTOR TYPE

0 = SENZA BOBINE / WITHOUT COIL
D = DIN 43650
G = DEUTSCH DT04-2P
A = AMP JUNIOR

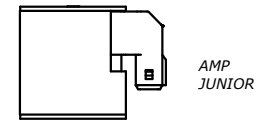
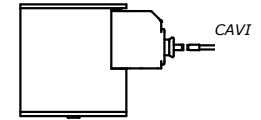
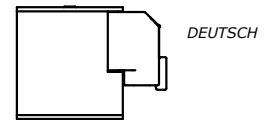
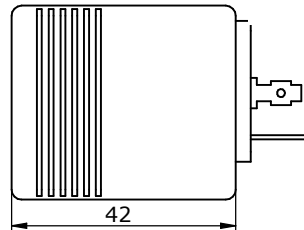
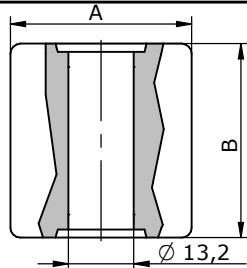
DIMENSIONE CORPO / SIZE DIMENSION

OMETTERE / OMIT
300 = 1/2" BSP (pag. 18.2)
400 = 3/4" BSP (pag. 18.2)

MATERIALE CORPO / MATERIAL BODY

OMETTERE / OMIT
S = STEEL
A = ALLUMINIUM

TENSIONE AMMISSIBILE VOLTAGE DUTY RATING	± 10%
FUNZIONAMENTO WORKING DUTY RATING	ED 100%
TEMPERATURA AMBIENTE WORKING ENV. TEMP.	-30°C + 50 °C
CLASSE ISOLAMENTO HEAT INSULATION CLASS	CLASSE H (180°C)



DIN 43650

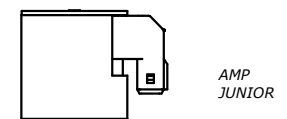
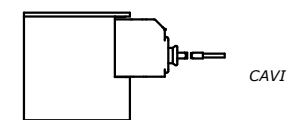
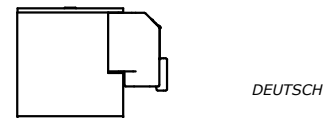
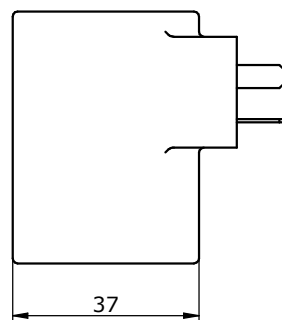
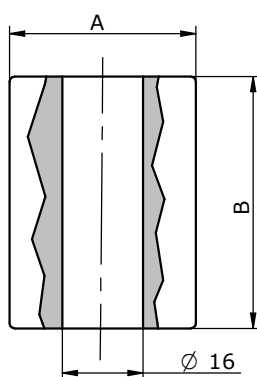
DEUTSCH

CAVI

AMP JUNIOR

13-39

CL.	TUBO	TENS.	W/Va	A	B		CODICE	CONN		CODICE	CONN
H	13	12Vdc	18	30	39		SH18133930D012D0	DIN 43650		SH18133930D012G0	DEUTSCH
H	13	24Vdc	18	30	39		SH18133930D024D0	DIN 43650		SH18133930D024G0	DEUTSCH
H	13	26Vdc	18	30	39		SH18133930D026D0	DIN 43650		SH18133930D026G0	DEUTSCH
H	13	110 Rac	19	30	39		SF19133930R11D0	DIN 43650			
H	13	12Vdc	18	30	39		SH18133930D012A0	AMPJ		SH18133930D012C0	LEADS
H	13	24Vdc	18	30	39		SH18133930D024A0	AMPJ		SH18133930D024C0	LEADS
H	13	26Vdc	18	30	39		SH18133930D026A0	AMPJ		SH18133930D026C0	LEADS
H	13	12Vdc	22	36	39		SH20133936D012D0	DIN 43650		SH20133936D012G0	DEUTSCH
H	13	24Vdc	22	36	39		SH20133936D024D0	DIN 43650		SH20133936D024G0	DEUTSCH
H	13	26Vdc	22	36	39		SH20133936D026D0	DIN 43650		SH20133936D026G0	DEUTSCH
H	13	220Rac	22	36	39		SH20133936D012D0	DIN 43650			
H	13	12Vdc	22	36	39		SH20133936D012A0	AMPJ		SH20133936D012C0	LEADS
H	13	24Vdc	22	36	39		SH20133936D024A0	AMPJ		SH20133936D024C0	LEADS
H	13	26Vdc	22	36	39		SH20133936D026A0	AMPJ		SH20133936D026C0	LEADS



DIN 43650

DEUTSCH

CAVI

AMP JUNIOR

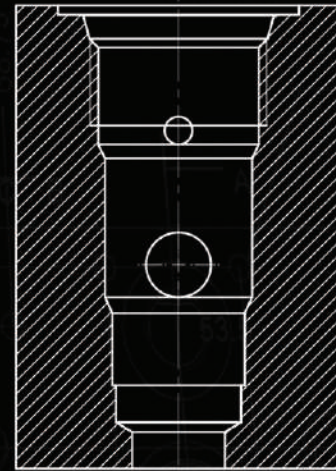
16-50

H	16	12Vdc	26	37	50		SH26165037D012D0	DIN 43650		SH26165037D012G0	DEUTSCH
H	16	24Vdc	26	37	50		SH26165037D024D0	DIN 43650		SH26165037D024G0	DEUTSCH
H	16	26Vdc	26	37	50		SH26165037D026D0	DIN 43650		SH26165037D026G0	DEUTSCH
H	16	12Vdc	26	37	50		SH26165037D012A0	AMPJ		SH26165037D012C0	LEADS
H	16	24Vdc	26	37	50		SH26165037D024A0	AMPJ		SH26165037D024C0	LEADS
H	16	26Vdc	26	37	50		SH26165037D026A0	AMPJ		SH26165037D026C0	LEADS

OLEODINAMICA 2mp

**Sezione
CAVITA'**

**Section
CAVITIES**



MANTENERE SPIGOLI VIVI

OLEODINAMICA

28027 Casoli di Gangi (PG) - Via Copernico, 12
Tel. 0523 520331 - Fax 0523 524839

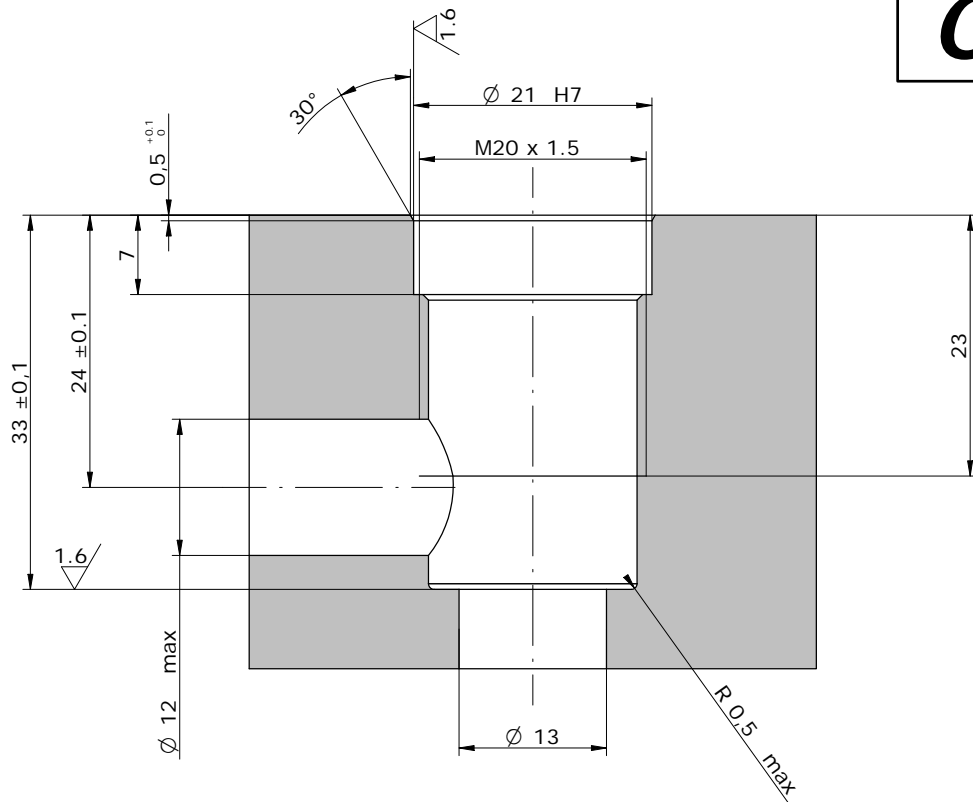
TOLLERANZA DI CARPENTERIA FINISSIMI

TOLLERANZE GENERALI PER LAVORAZI

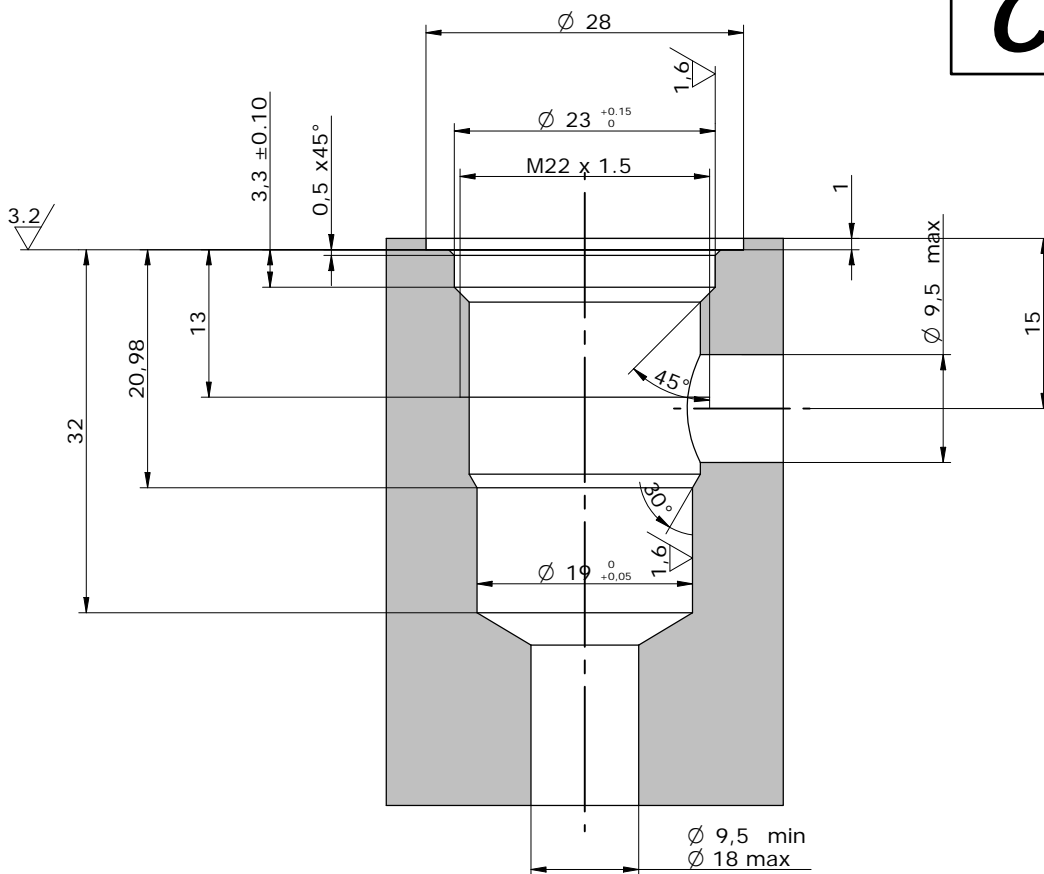
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h	±0,015	±0,020	±0,025	±0,030	±0,035
H	±0,020	±0,025	±0,030	±0,035	±0,040
e	±0,015	±0,020	±0,025	±0,030	±0,035
E	±0,020	±0,025	±0,030	±0,035	±0,040
f	±0,015	±0,020	±0,025	±0,030	±0,035
F	±0,020	±0,025	±0,030	±0,035	±0,040
g	±0,015	±0,020	±0,025	±0,030	±0,035
G	±0,020	±0,025	±0,030	±0,035	±0,040
m	±0,015	±0,020	±0,025	±0,030	±0,035
M	±0,020	±0,025	±0,030	±0,035	±0,040
n	±0,015	±0,020	±0,025	±0,030	±0,035
N	±0,020	±0,025	±0,030	±0,035	±0,040
p	±0,015	±0,020	±0,025	±0,030	±0,035
P	±0,020	±0,025	±0,030	±0,035	±0,040
r	±0,015	±0,020	±0,025	±0,030	±0,035
R	±0,020	±0,025	±0,030	±0,035	±0,040
s	±0,015	±0,020	±0,025	±0,030	±0,035
S	±0,020	±0,025	±0,030	±0,035	±0,040
t	±0,015	±0,020	±0,025	±0,030	±0,035
T	±0,020	±0,025	±0,030	±0,035	±0,040
v	±0,015	±0,020	±0,025	±0,030	±0,035
V	±0,020	±0,025	±0,030	±0,035	±0,040
w	±0,015	±0,020	±0,025	±0,030	±0,035
W	±0,020	±0,025	±0,030	±0,035	±0,040
y	±0,015	±0,020	±0,025	±0,030	±0,035
Y	±0,020	±0,025	±0,030	±0,035	±0,040
z	±0,015	±0,020	±0,025	±0,030	±0,035
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17/07/201A

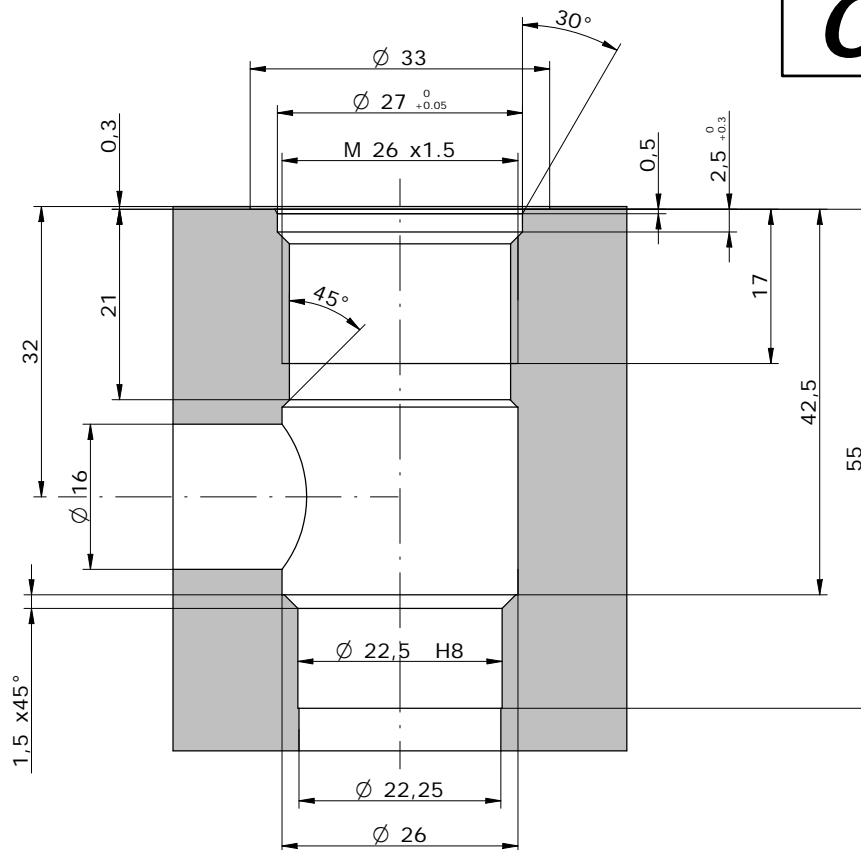
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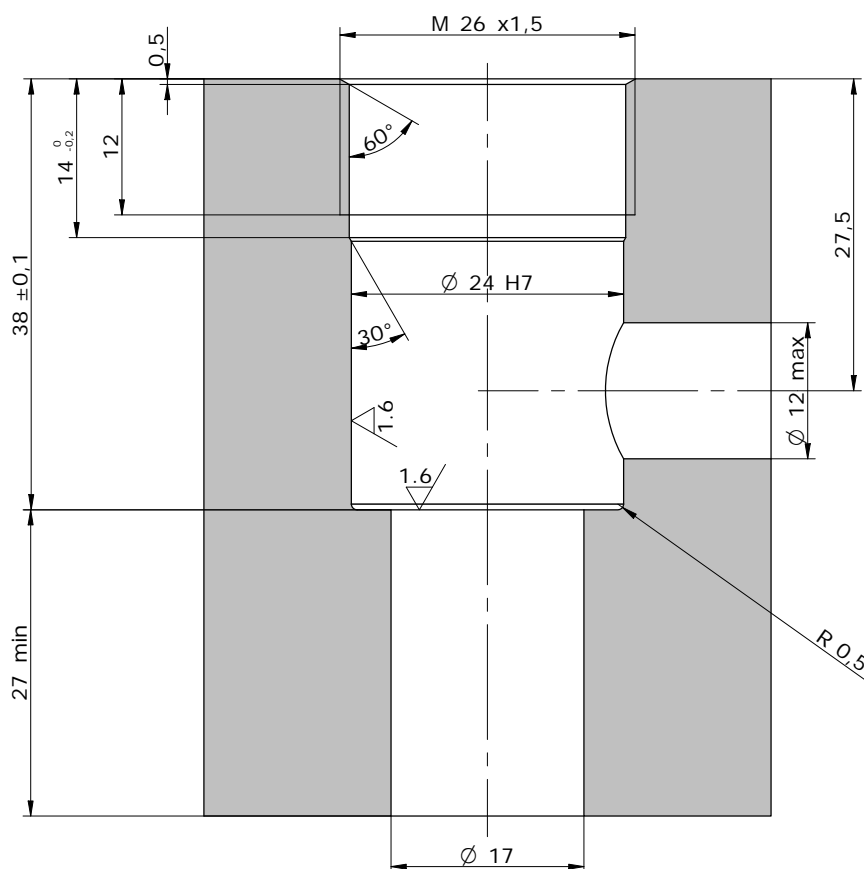
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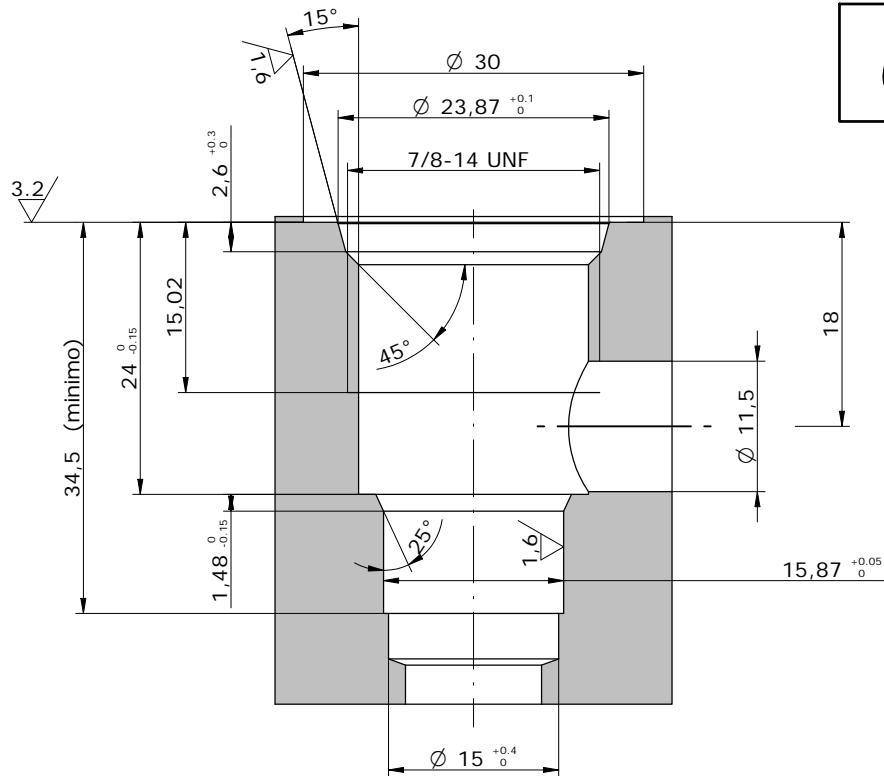
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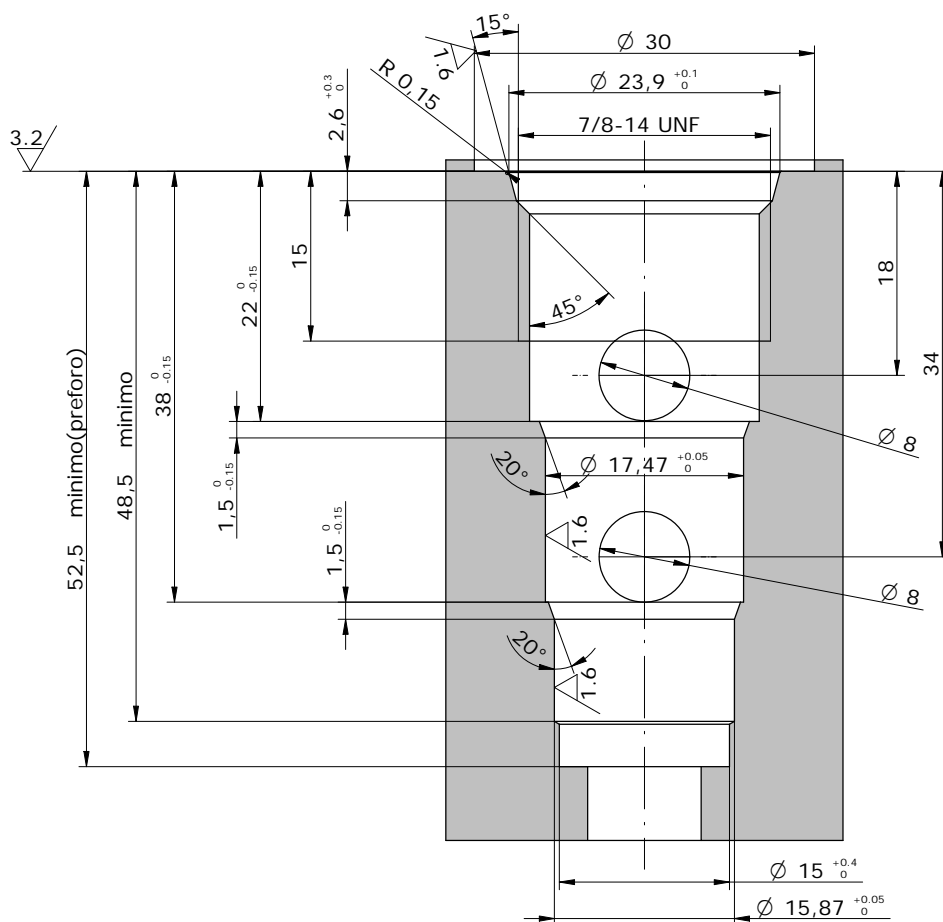
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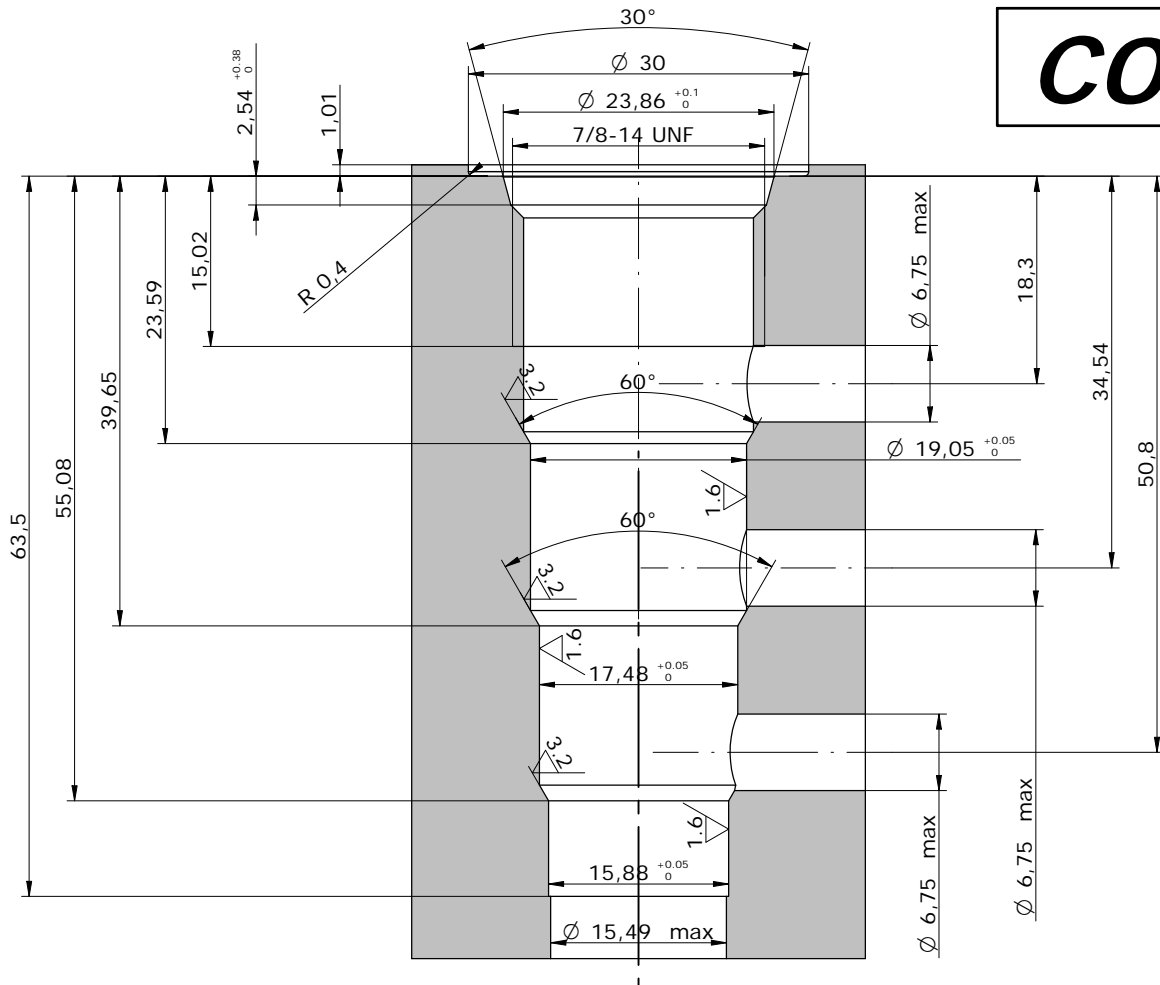
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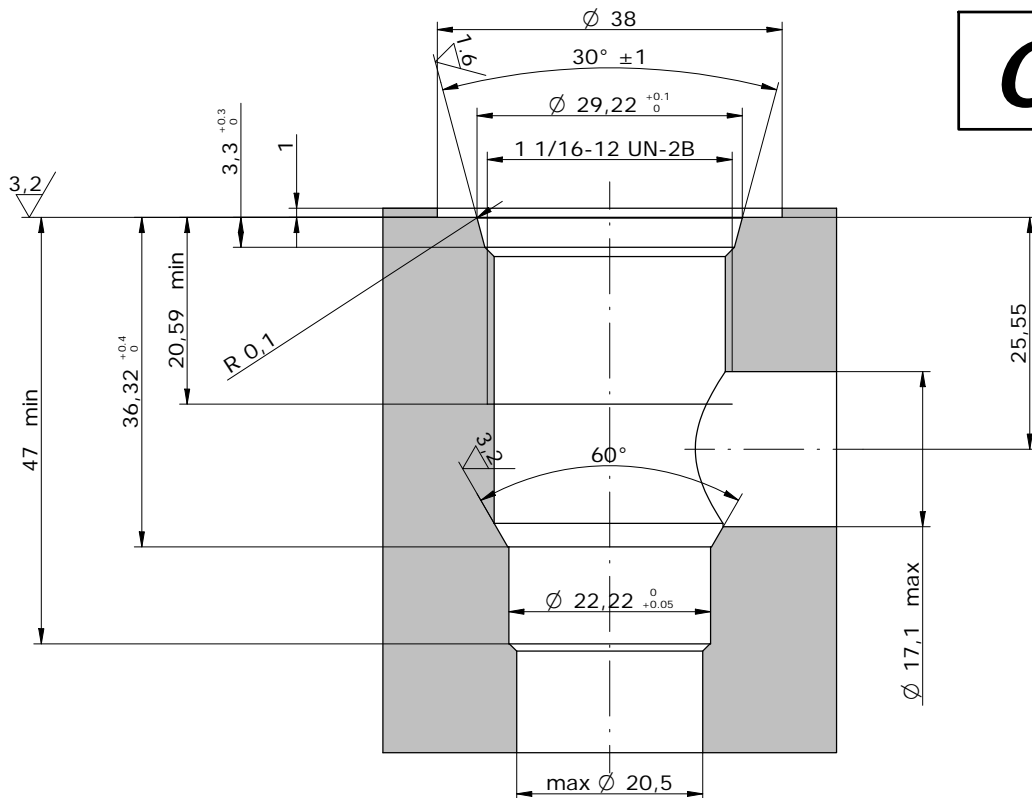
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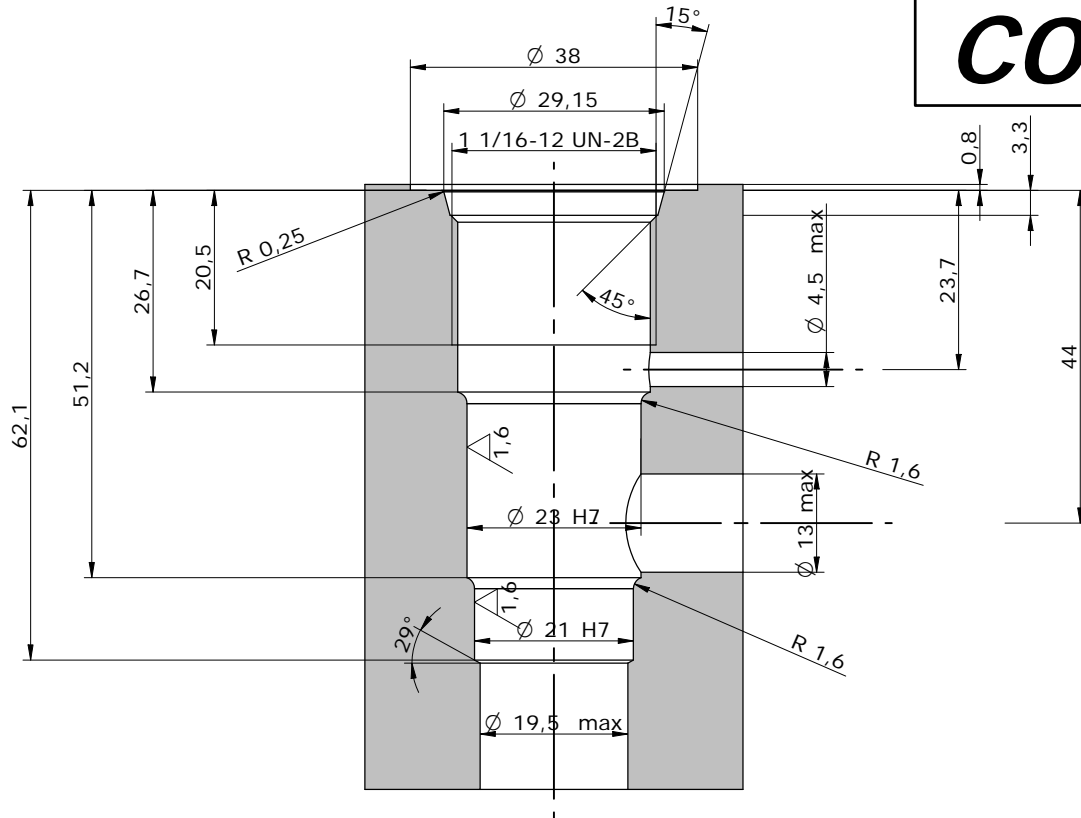
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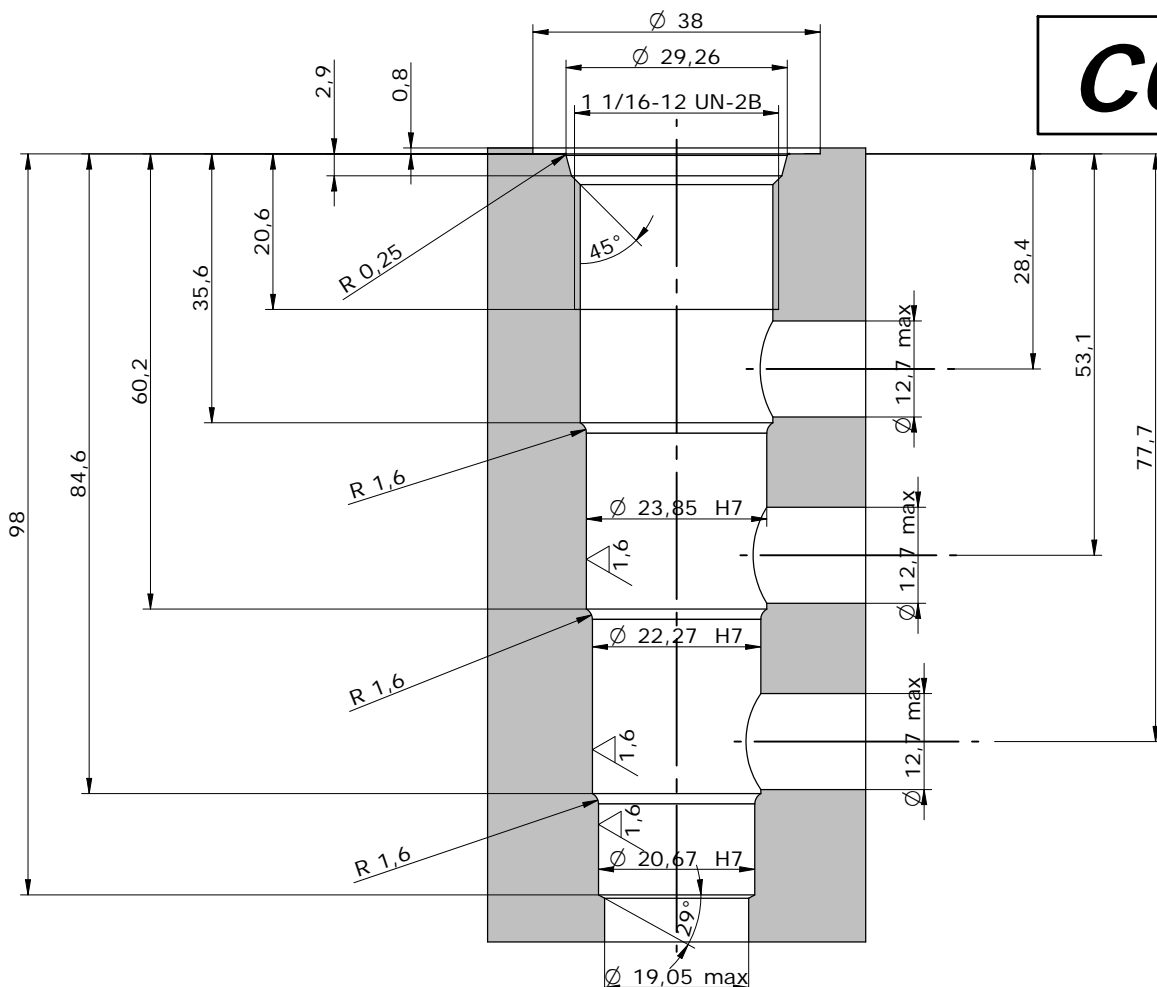
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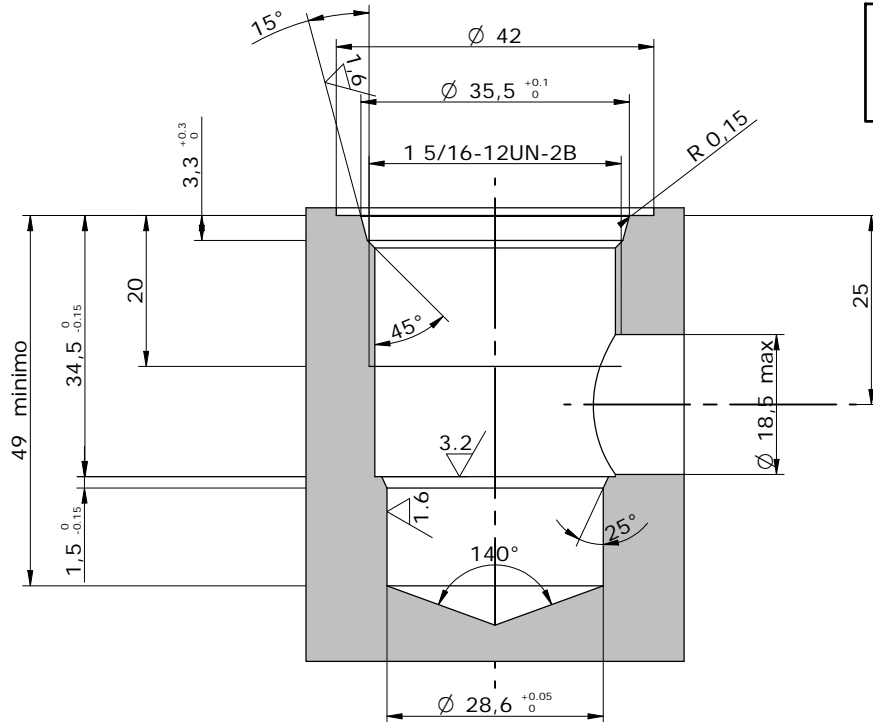
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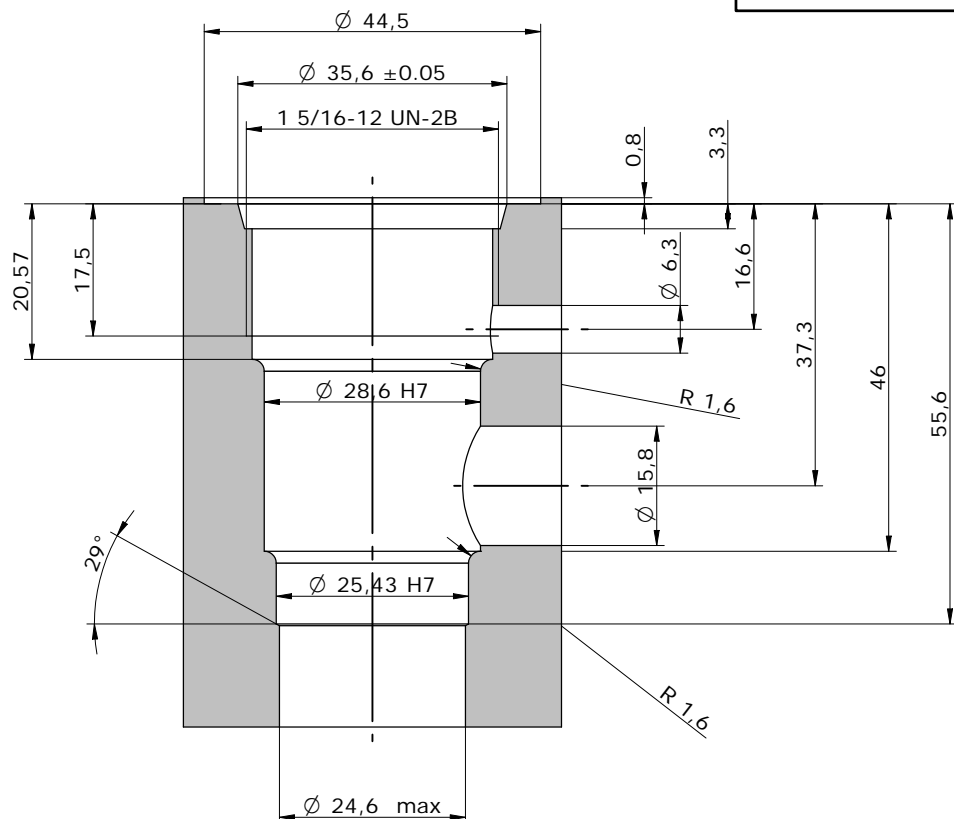
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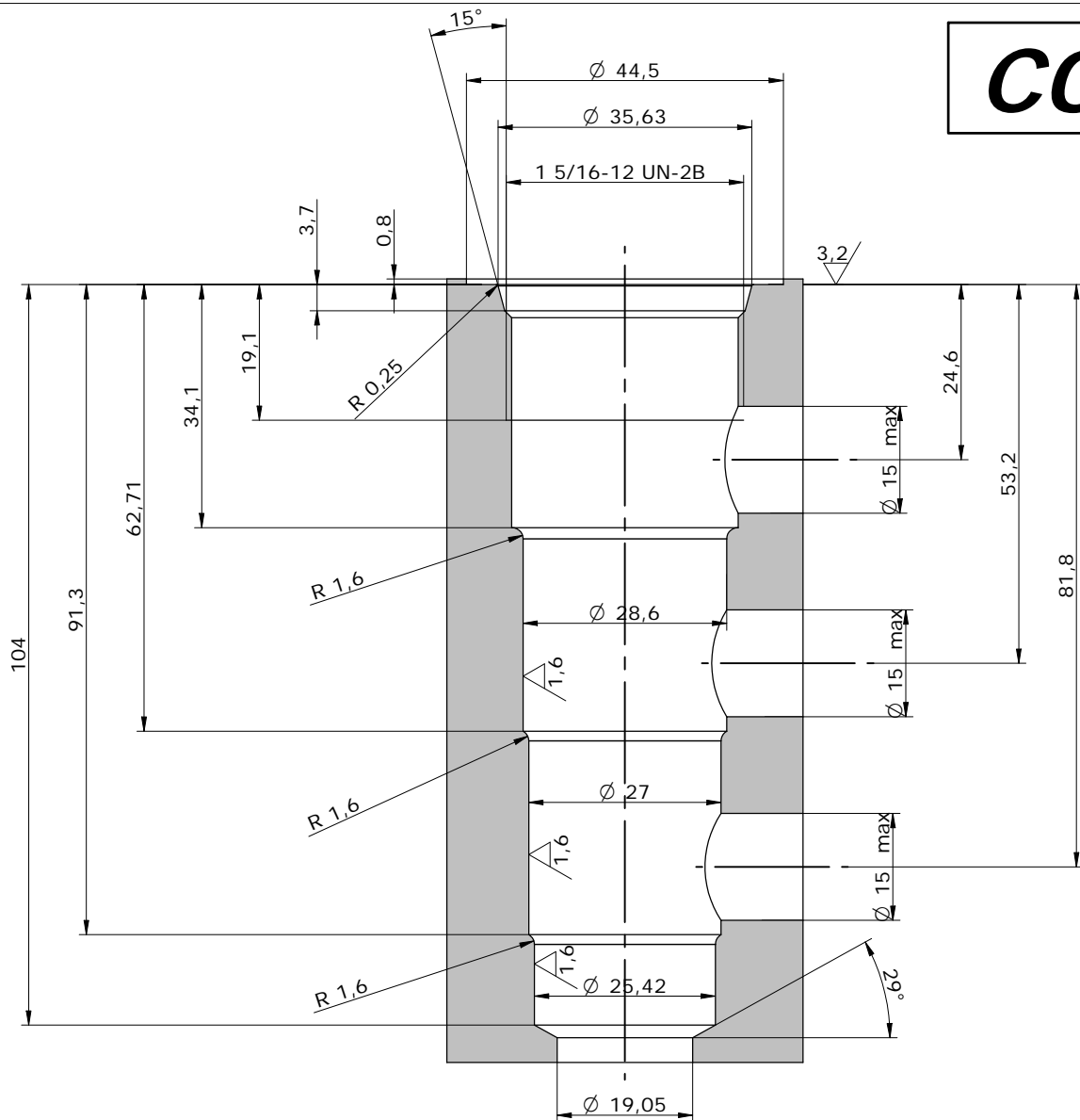


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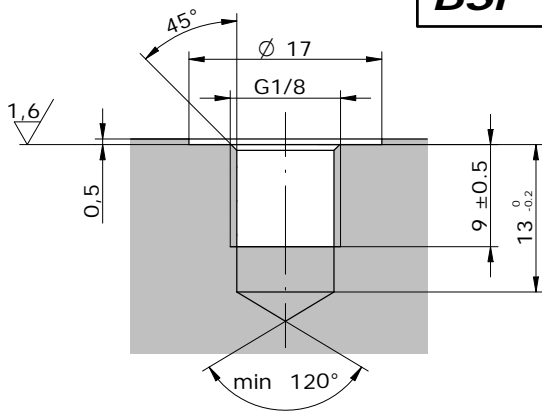


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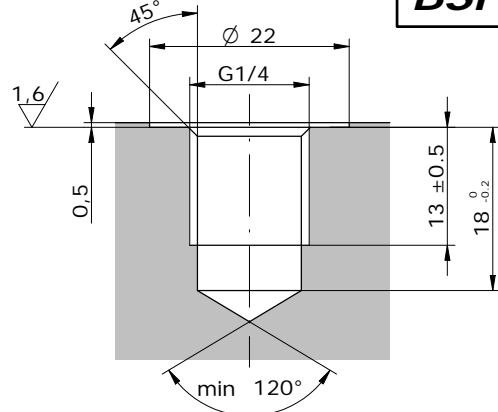




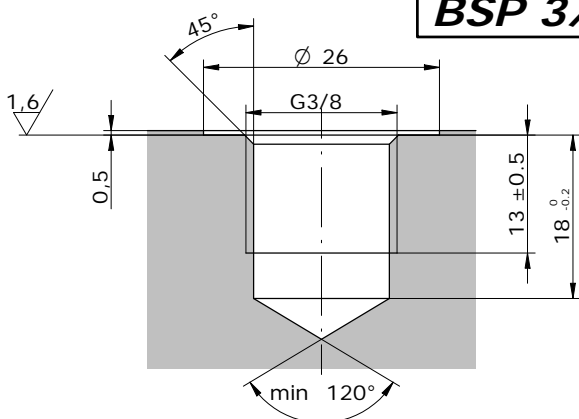
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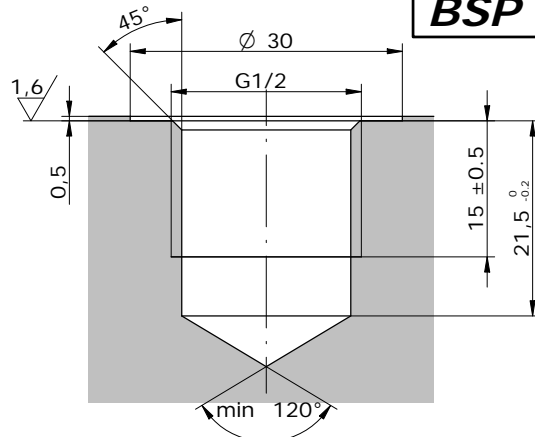
BSP 1/4G



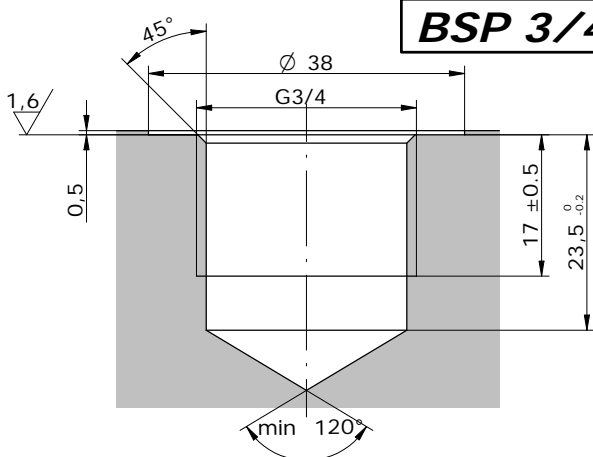
BSP 3/8G



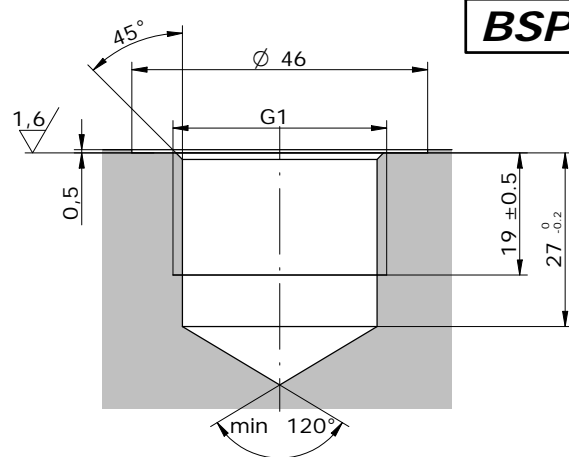
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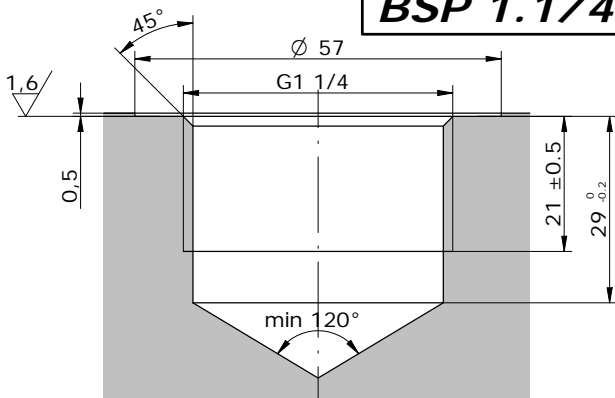
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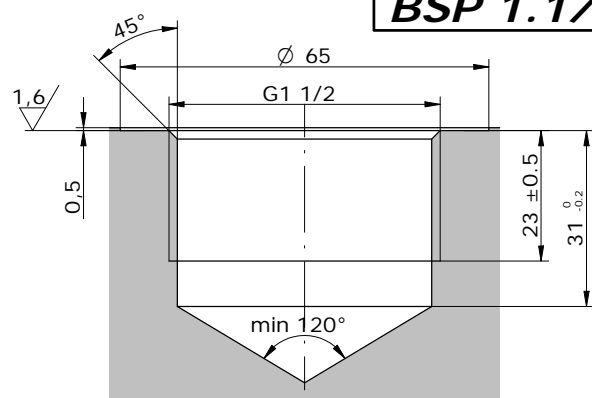
BSP 1G



BSP 1.1/4G



BSP 1.1/2G





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