



**Valvole per il controllo del flusso**

***Flow control valves***

## INFORMAZIONI GENERALI GENERAL INFORMATION

### Ordinazioni

Gli ordini devono essere inviati alla:

#### **CBF S.r.l.**

Via Caboto, 1  
36075 Montecchio Maggiore (VI)  
Tel. 0444 499141-3  
Fax 0444 499145

Per posta o telefax. Si prega di evitare, ove possibile, di effettuare ordini per telefono dato che questi dovranno essere in ogni caso confermati per lettera o fax.

#### **Gli ordini devono chiaramente indicare:**

- Esatta ragione sociale o indirizzo completo del richiedente.
- Numero d'ordine.
- Data d'ordine.
- Numero d'offerta **CBF** (qualora esista).
- Denominazione valvola.
- Data consegna richiesta.
- Destinazione merce.
- Vettore.

### Garanzia

• La **CBF S.r.l.** garantisce che i suoi prodotti sono esenti da difetti di materiali o di costruzione per un periodo di 12 mesi a partire dalla data di spedizione dai propri magazzini in Montecchio Maggiore (VI) - Italia.

• La garanzia è esclusivamente limitata alla riparazione o sostituzione, a giudizio della **CBF S.r.l.**, d'ogni parte o parti difettose in materiale o costruzione, previo esame dei pezzi che devono essere ritornati alla **CBF**, franco destino, corredati di descrizione dettagliata del malfunzionamento.

• **CBF** declina ogni responsabilità ed esclude l'applicazione della garanzia per quei prodotti che, a proprio insindacabile giudizio, siano stati contaminati, impiegati erroneamente o manomessi in circostanze al di fuori del proprio controllo o senza autorizzazione. La garanzia decade qualora siano apportate modifiche a circuiti o impianti tali da influenzare negativamente il funzionamento del prodotto **CBF**.

• In nessun caso una rivalsa in garanzia potrà comportare revoche contrattuali, sospensioni anche parziali di pagamenti, compensi per danni o rimborsi spese, ivi compresa la spesa di manodopera per la sostituzione del pezzo.

• Questa garanzia riconosciuta dalla **CBF S.r.l.** attraverso la propria organizzazione assistenziale esclude e sostituisce ogni altra garanzia di qualsiasi genere.

• **CBF S.r.l.** non è responsabile per danni diretti o indiretti, ivi comprese eventuali perdite economiche conseguenti a fermo macchina, o ritardate consegne di qualsiasi genere.

### Responsabilità d'uso.

Tutti i prodotti **CBF** sono sottoposti a rigorosi collaudi funzionali, conformemente alle caratteristiche riportate sulla documentazione tecnica **CBF**.

Dal momento che le reali condizioni di funzionamento delle apparecchiature del Compratore non sono riproducibili integralmente nei laboratori della **CBF**, la responsabilità della scelta e l'idoneità dei prodotti sono a carico del Compratore stesso.

### Giurisdizione

In caso di contestazione in cui la **CBF S.r.l.** sia convenuta è esclusivamente competente il Foro di Vicenza. Le tratte, le accettazioni di regolamenti, le spedizioni senza o contrassegno, le esazioni per mezzo d'incaricati, non costituiscono deroga a questa clausola anche nel caso in cui la **CBF S.r.l.** fosse ricercata per connessione o continenza di causa.

Quando la **CBF S.r.l.** sia attrice potrà ricorrere sia al Foro di Vicenza, sia a quello di residenza del convenuto.

### Order entry procedure

Orders are received by:

#### **CBF S.r.l.**

Via Caboto, 1  
36075 Montecchio Maggiore (VI)  
Tel. ++39-0444-499141/3  
Fax ++39-0444-499145

By mail or telefax. When possible, please avoid sending orders by telephone since you must later confirm them by letter.

#### **Orders must clearly show:**

- The corporate name and the full address of the applicant.
- Order number.
- Order date.
- **CBF's** offer number (when existing).
- Valve denomination.
- Required delivery date.
- Goods destination.
- Carrier.

### Warranty

• **CBF S.r.l.** warrants that its products are free from defects in material and workmanship for a period of 12 months from the date of shipment from the factory in Montecchio Maggiore (VI) - Italy.

• The warranty is strictly limited to the repair or replacement (at **CBF S.r.l.** option) of any part or parts defective in material or workmanship, subject to **CBF's** examination of the part which must be returned to **CBF S.r.l.**, carriage pre-paid by the Customer, with a detailed description of the malfunction.

• **CBF S.r.l.** shall not be responsible for circumstances beyond its control and this warranty shall not apply to products which, in the sole judgement of **CBF** have been subjected to contamination, tampering, negligent handling, misapplication or other misuse.

Changes in circuit or changes in other components which may adversely affect the products of **CBF S.r.l.** void this warranty.

• In none of the cases quoted in the above paragraphs can the customer claim the cancellation of the contract compensation for damages or reimbursement of any expenses as, for example, labor required to replace the defective parts.

• This warranty recognized by **CBF S.r.l.** through its service organization is expressly in lieu of and excludes and supersedes any warranty of merchantability or fitness.

• **CBF S.r.l.** makes no other warranties, expressed or implied, and is not responsible for any consequential damages resulting from use by any buyer or user, its liability being limited to the value of product sold or to the obligation to replace a defective part. In no event shall **CBF S.r.l.** be liable for loss of anticipated profits, consequential damages, or loss of any equipment, installation, system operation or service into which the products of **CBF S.r.l.** may be fitted. **CBF S.r.l.** shall not be liable for any default, claimed breach of warranty, failure to deliver or otherwise, except as herein specifically indicated.

### Responsibility for use.

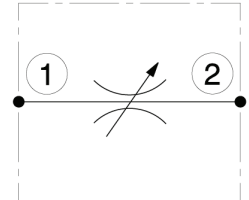
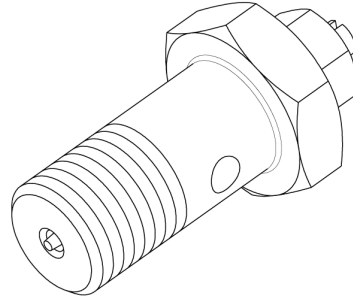
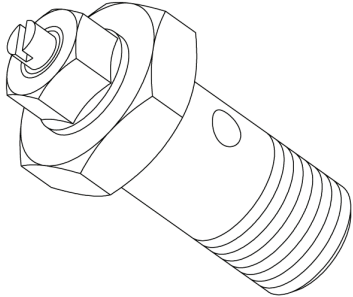
All **CBF** products are checked and tested, in accordance with the specifications indicated in the relevant technical documents.

Since the actual installation and performance of the Customer's equipment cannot be exactly reproduced in the **CBF** testing laboratories, the assurance of suitability of all **CBF's** products in the Customer application is the responsibility of the Customer himself.

### Jurisdiction

In case of a dispute where **CBF S.r.l.** is summoned before court, the Court in Law in Vicenza (Italy) is exclusively competent: drafts, acceptance of settlements, dispatches without or with C.O.D. do not constitute a derogation from this clause of jurisdiction even in case **CBF S.r.l.** should be pursued for concession or continenza of cause. When **CBF S.r.l.** is the plaintiff, it will be able to recur both to Court of Law in Vicenza and to that where the other party resides.

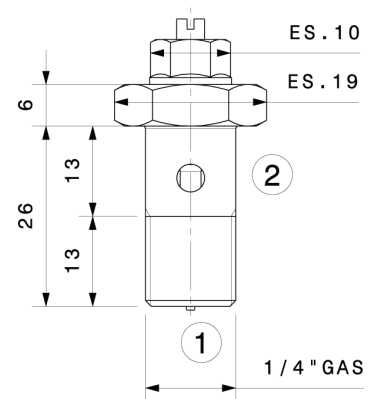
Strozzatore a cartuccia  
 Needle valve – cartridge type  
 mod. STV-C



Portata massima Max flow	5 l/min 1.3 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	12 ÷ 15 Nm 9 ÷ 11 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

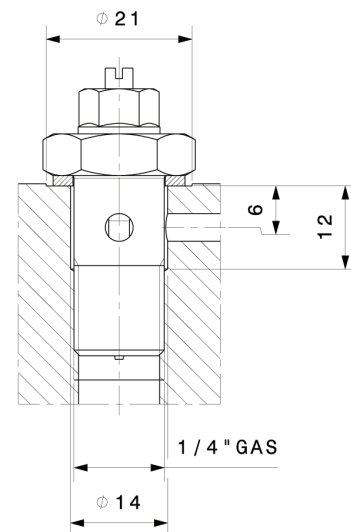
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ



Sigla di ordinazione / Ordering code

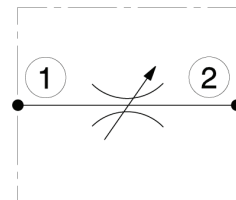
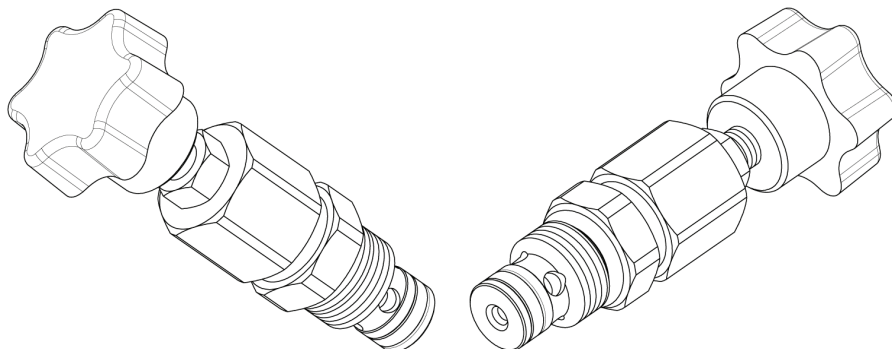
STV-C-14

Modello  
Type



I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

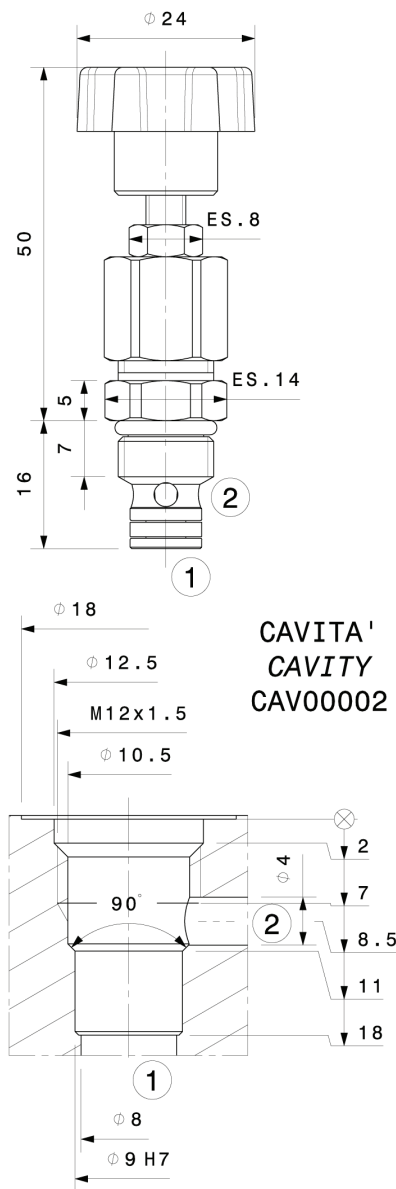
Strozzatore a cartuccia  
 Needle valve – cartridge type  
 mod. ST5-C



Portata massima Max flow	5 l/min 1.3 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	12 ÷ 15 Nm 9 ÷ 11 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ



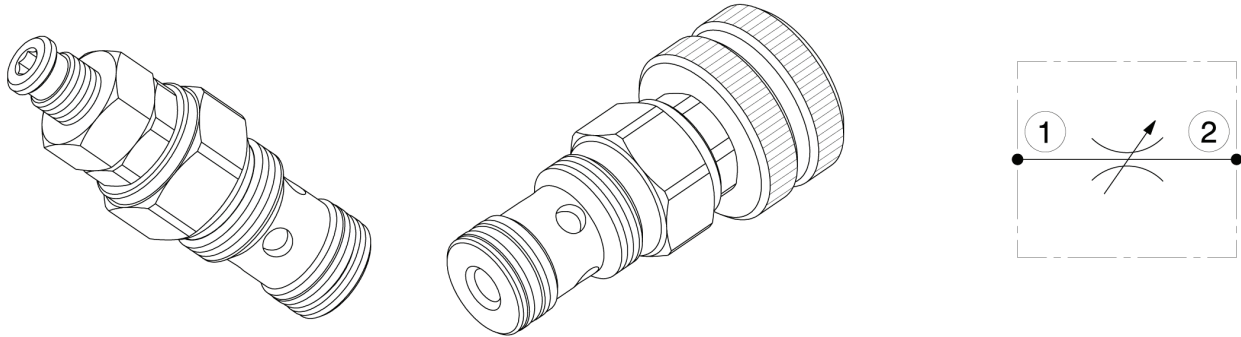
Sigla di ordinazione / Ordering code

ST5-C-B

Modello  
Type

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 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

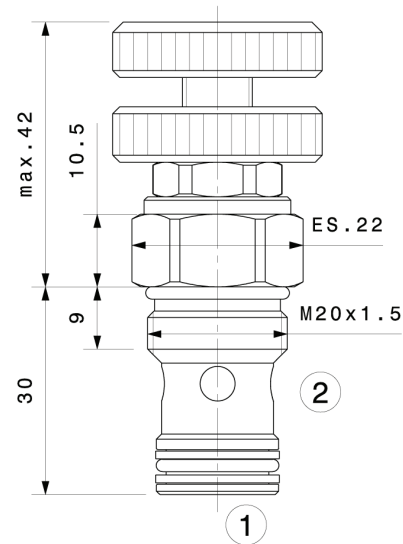
Strozzatore a cartuccia  
 Needle valve – cartridge type  
 mod. ST-C



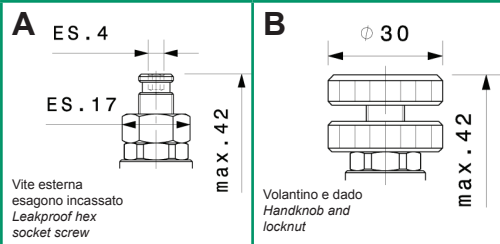
Portata massima Max flow	40 l/min 10.5 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	27 ÷ 30 Nm 20 ÷ 22 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

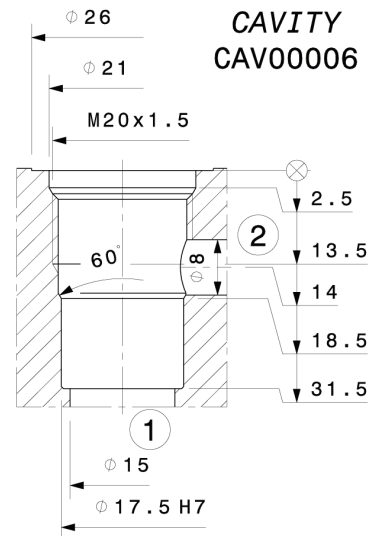
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ



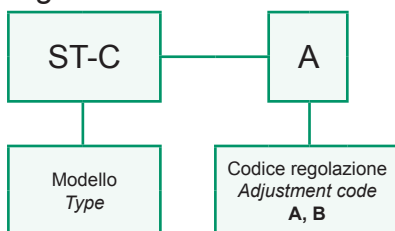
Regolazioni  
 Adjustments



CAVITA'  
 CAVITY  
 CAV00006

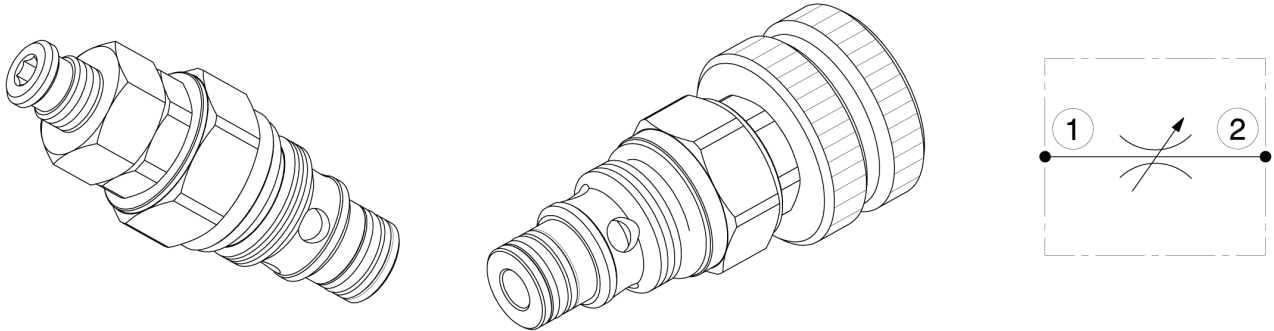


Sigla di ordinazione / Ordering code



I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Strozzatore a cartuccia  
 Needle valve – cartridge type  
 mod. ST08-C



Portata massima Max flow	40 l/min 10.5 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	27 ÷ 30 Nm 20 ÷ 22 lbf ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

**Regolazioni / Adjustments**

**A** ES . 4

ES . 17  
max . 43

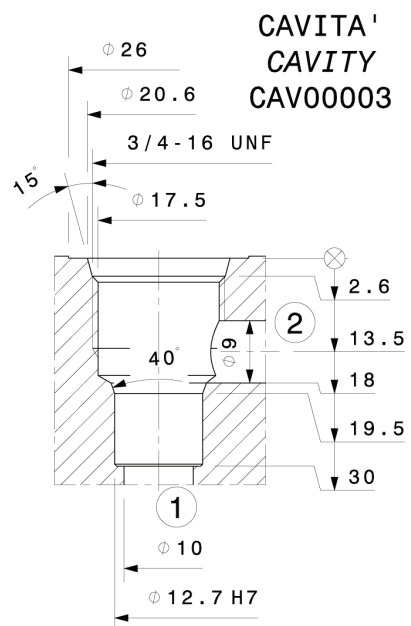
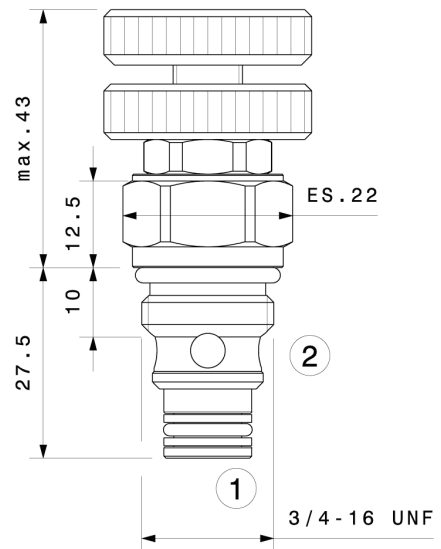
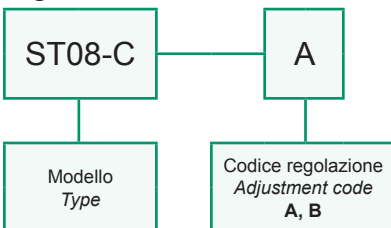
Vite esterna esagono incassato  
Leakproof hex socket screw

**B**

Ø 30  
max . 43

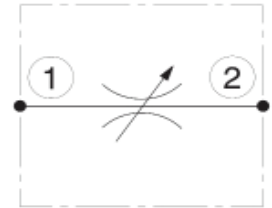
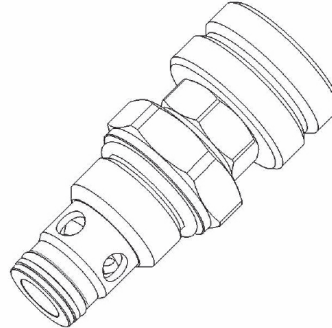
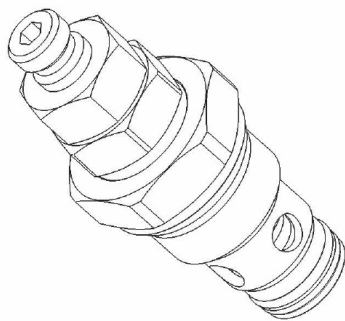
Volantino e dado  
Handknob and locknut

Sigla di ordinazione / Ordering code



I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
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Strozzatore a cartuccia  
 Needle valve – cartridge type  
 mod. ST10-C



Portata massima Max flow	80 l/min 21 gpm
Pressione massima Max pressure	300 bar 4300 psi
Coppia di serraggio Installation torque	45 ÷ 50 Nm 33 ÷ 37 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

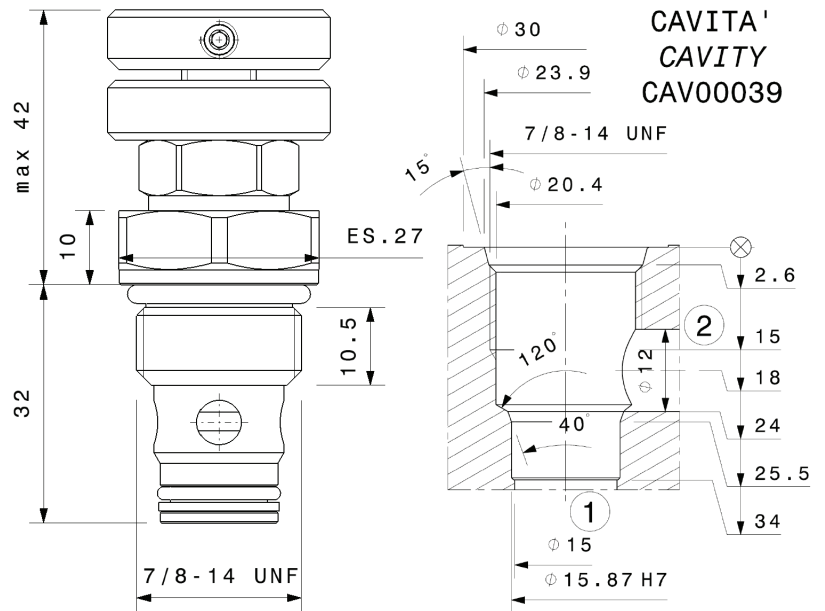
**Regolazioni / Adjustments**

**A** ES . 4

Vite esterna esagono incassato  
Leakproof hex socket screw

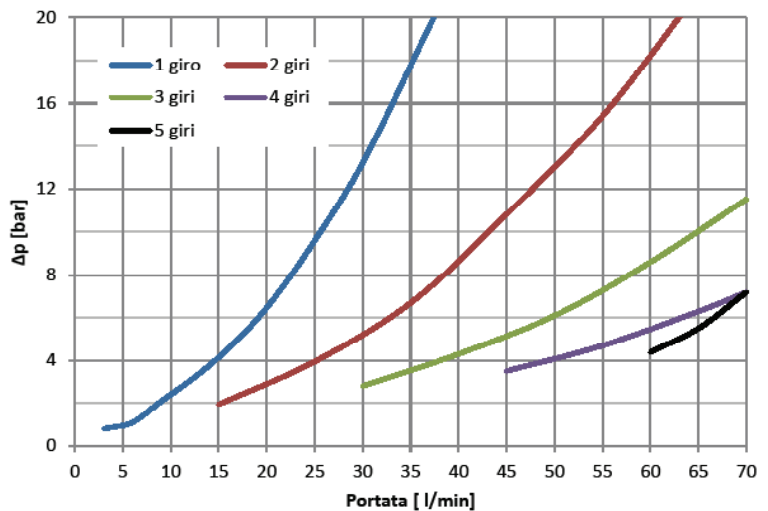
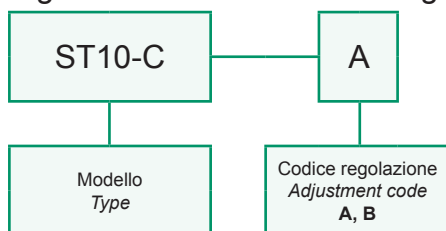
**B**

Volantino e dado  
Handknob and locknut



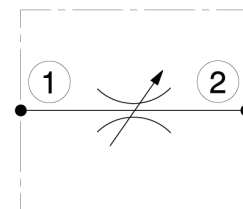
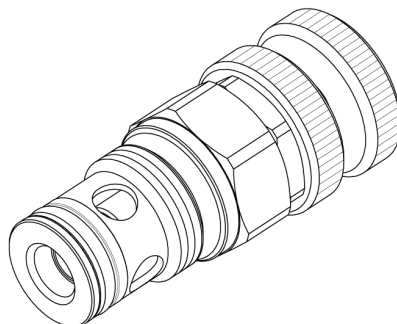
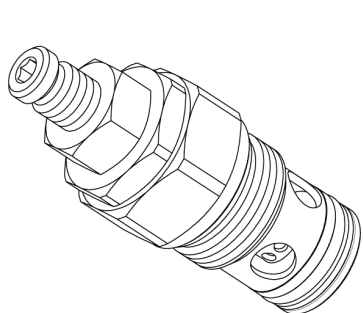
ST10C

Sigla di ordinazione / Ordering code



I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Strozzatore a cartuccia  
 Needle valve – cartridge type  
 mod. ST80-C



Portata massima Max flow	80 l/min 21 gpm
Pressione massima Max pressure	300 bar 4300 psi
Coppia di serraggio Installation torque	65 ÷ 70 Nm 48 ÷ 52 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

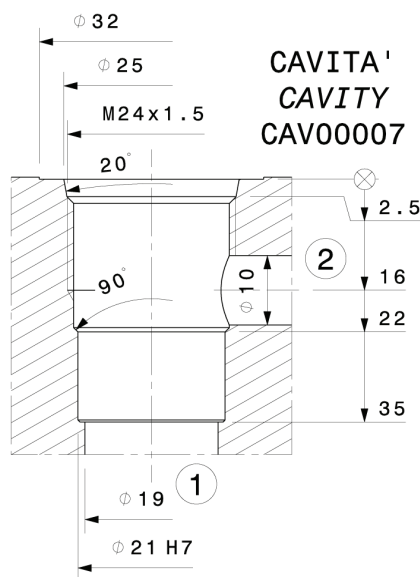
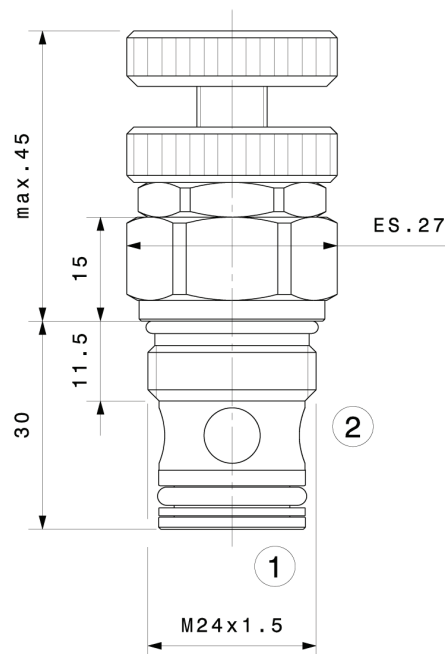
**Regolazioni Adjustments**

**A** ES . 4

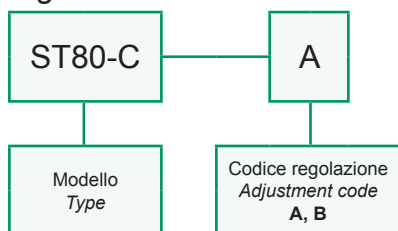
Vite esterna esagono incassato  
Leakproof hex socket screw

**B**

Volantino e dado  
Handknob and locknut



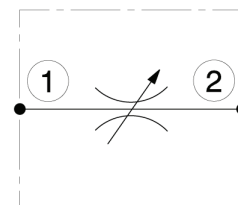
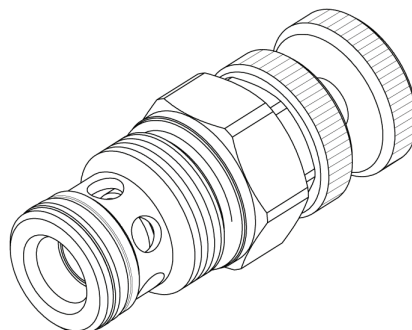
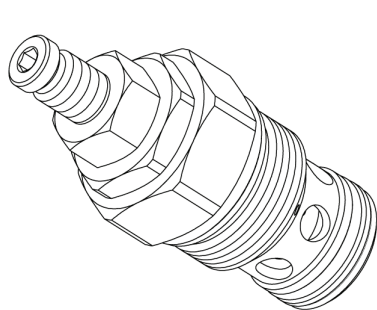
Sigla di ordinazione / Ordering code



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Strozzatore a cartuccia  
Needle valve – cartridge type  
mod. ST130-C



Portata massima Max flow	130 l/min 34 gpm
Pressione massima Max pressure	300 bar 4300 psi
Coppia di serraggio Installation torque	140 ÷ 160 Nm 105 ÷ 120 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

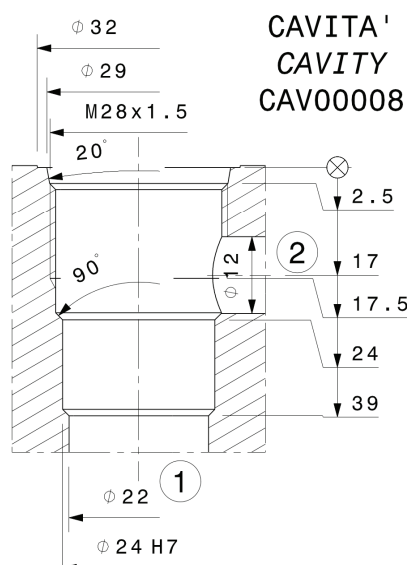
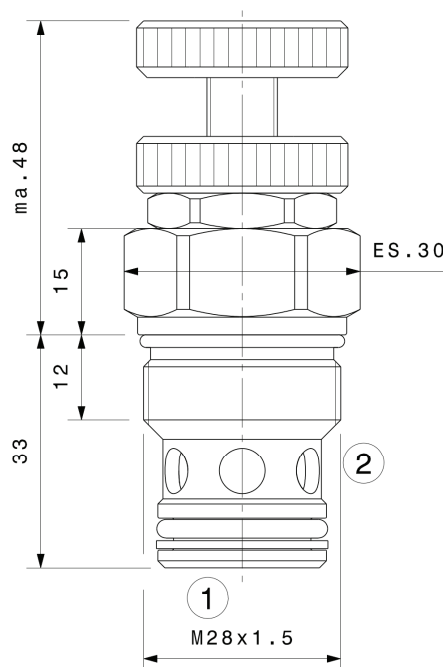
**Regolazioni**  
Adjustments

**A** ES . 4

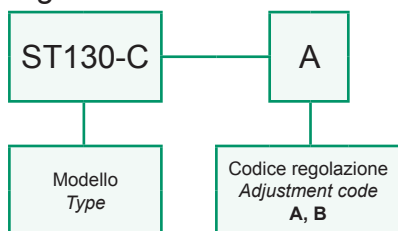
Vite esterna esagono incassato  
Leakproof hex socket screw

**B**

Volantino e dado  
Handknob and locknut

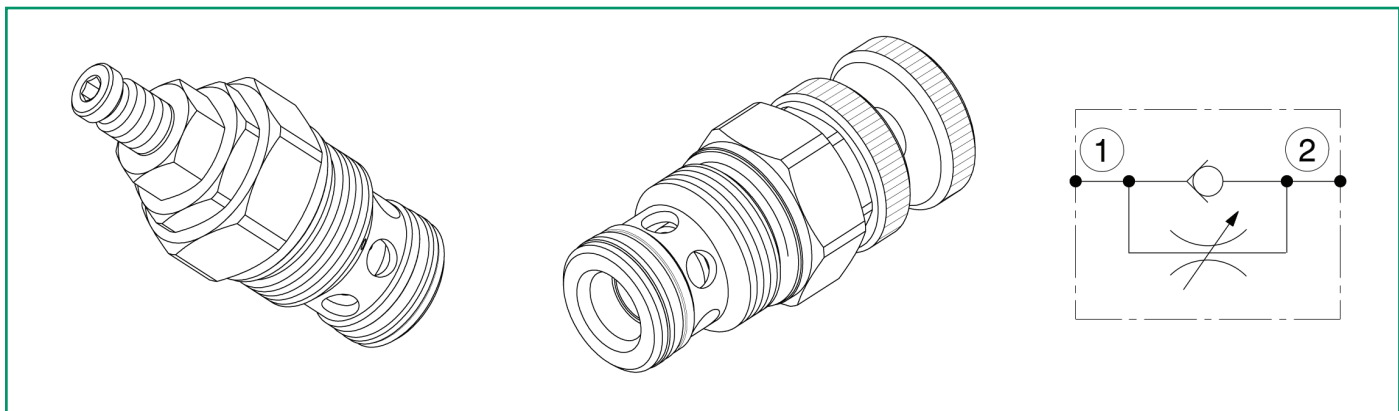


Sigla di ordinazione / Ordering code



I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
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Strozzatore unidirezionale a cartuccia  
*Needle valve with free flow check – cartridge type*  
 mod. STVU-C



Portata massima <i>Max flow</i>	40 l/min <i>10.5 gpm</i>
Pressione massima <i>Max pressure</i>	350 bar <i>5000 psi</i>
Coppia di serraggio <i>Installation torque</i>	27 ÷ 30 Nm <i>20 ÷ 22 lbf ft</i>

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
*Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C*

Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperature di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ

**Regolazioni / Adjustments**

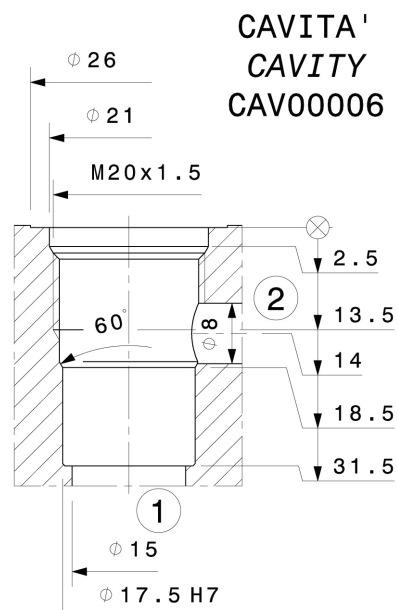
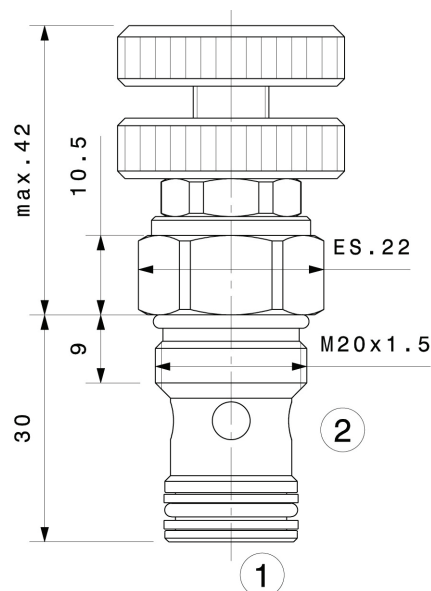
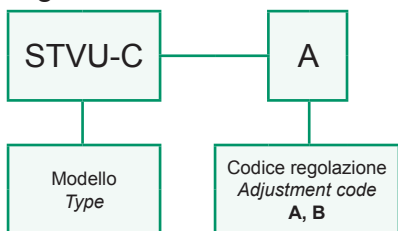
**A** ES. 4

Vite esterna esagono incassato  
*Leakproof hex socket screw*

**B**  $\phi 30$

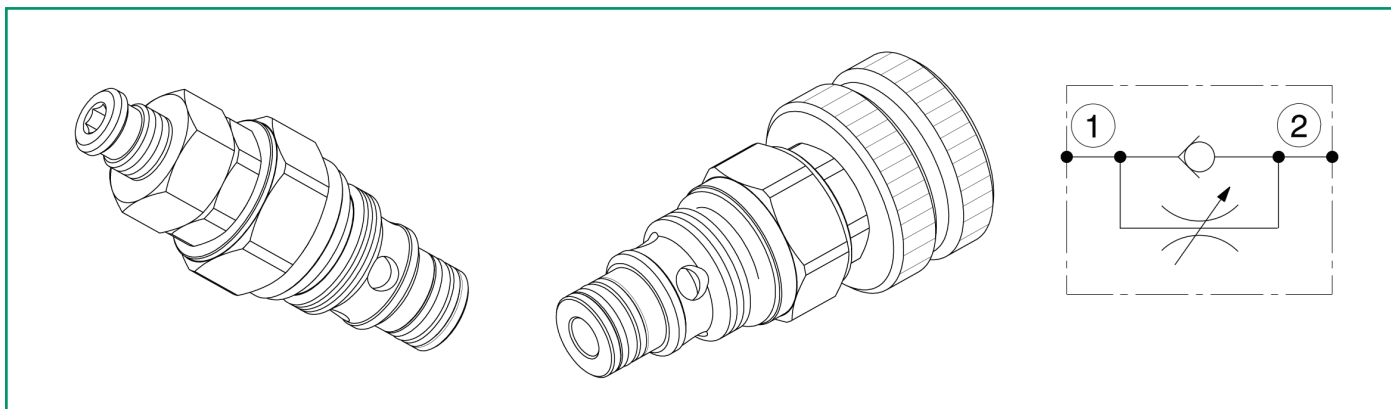
Volantino e dado  
*Handknob and locknut*

Sigla di ordinazione / Ordering code



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*The specifications are not binding, CBF reserves the right to introduce modifications without notice.*

Strozzatore unidirezionale a cartuccia  
 Needle valve with free flow check – cartridge type  
 mod. STVU-08-C



Portata massima Max flow	40 l/min 10.5 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	27 ± 30 Nm 20 ± 22 lbf ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ± 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Regolazioni  
Adjustments

**A** ES . 4

ES . 17  
max . 43

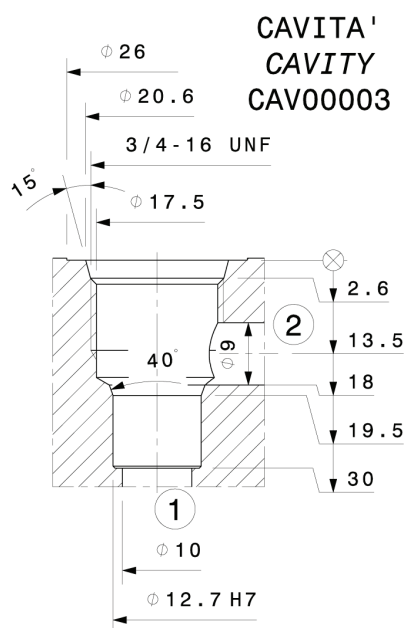
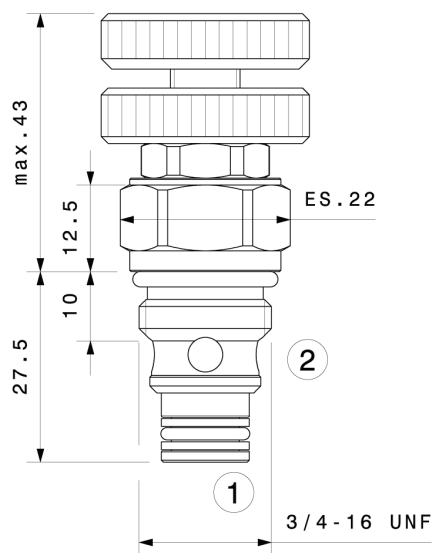
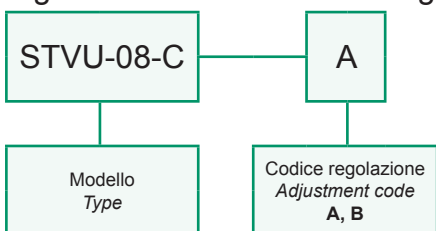
Vite esterna esagono incassato  
Leakproof hex socket screw

**B** ES . 4

Ø 30  
max . 43

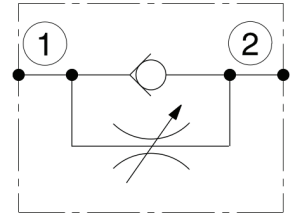
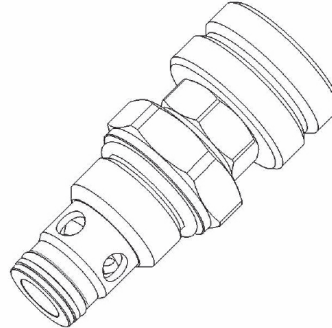
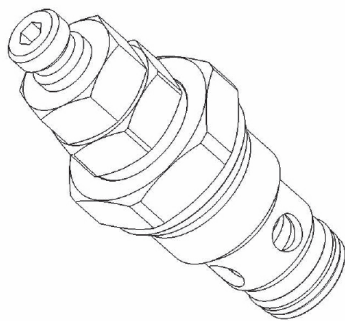
Volantino e dado  
Handknob and locknut

Sigla di ordinazione / Ordering code



I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
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Strozzatore unidirezionale a cartuccia  
 Needle valve with free flow check – cartridge type  
 mod. STVU10-C



Portata massima Max flow	80 l/min 21 gpm
Pressione massima Max pressure	300 bar 4300 psi
Coppia di serraggio Installation torque	45 ÷ 50 Nm 33 ÷ 37 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

**Regolazioni / Adjustments**

**A** ES. 4

ES. 17

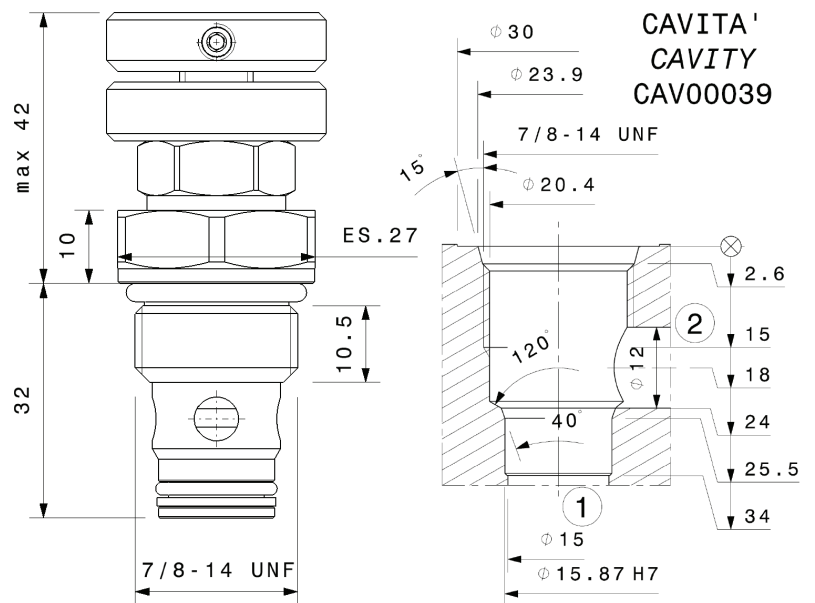
max. 45

Vite esterna esagono incassato  
Leakproof hex socket screw

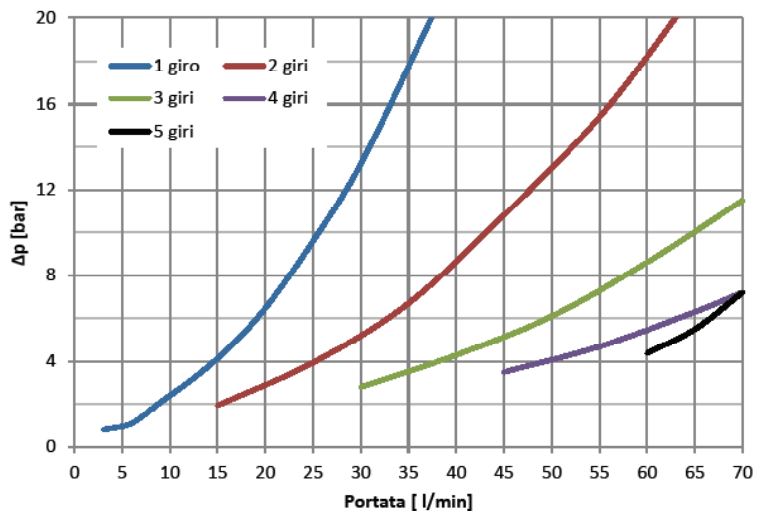
**B**

max. 45

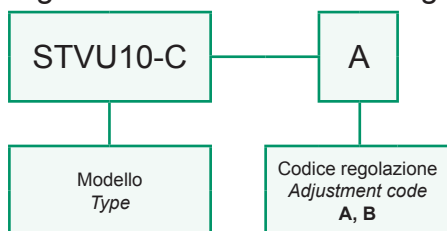
Volantino e dado  
Handknob and locknut



ST10VUC

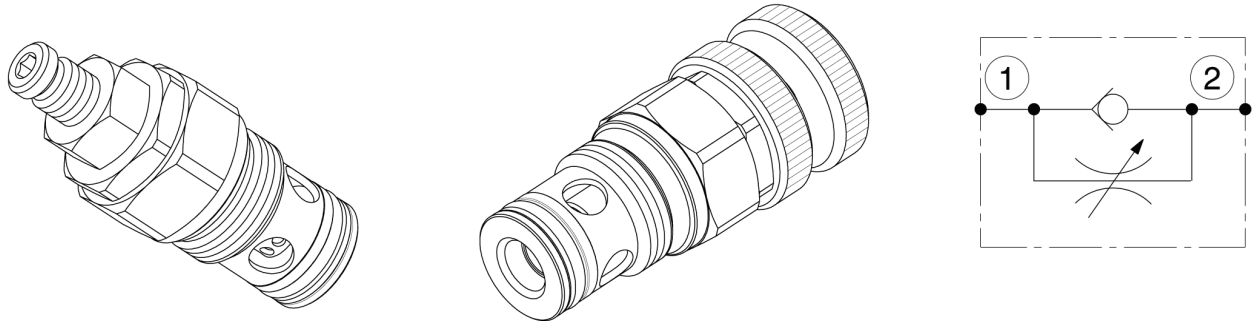


Sigla di ordinazione / Ordering code



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Strozzatore unidirezionale a cartuccia  
 Needle valve with free flow check – cartridge type  
 mod. ST80VU-C



Portata massima Max flow	80 l/min 21 gpm
Pressione massima Max pressure	300 bar 4300 psi
Coppia di serraggio Installation torque	65 ÷ 70 Nm 48 ÷ 52 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

**Regolazioni / Adjustments**

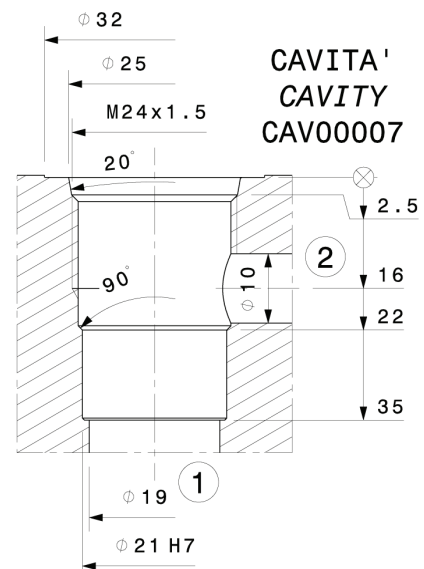
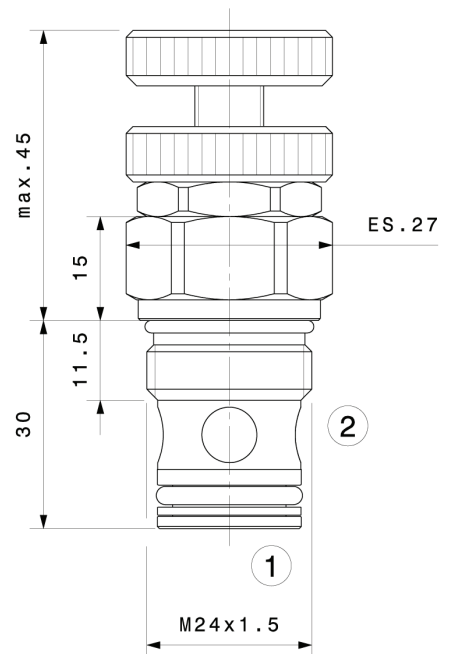
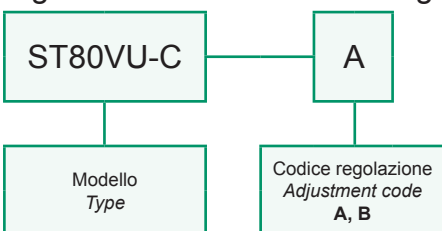
**A** ES . 4

Vite esterna esagono incassato  
Leakproof hex socket screw

**B**

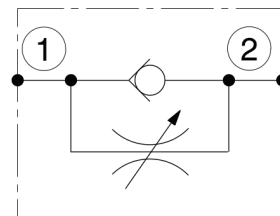
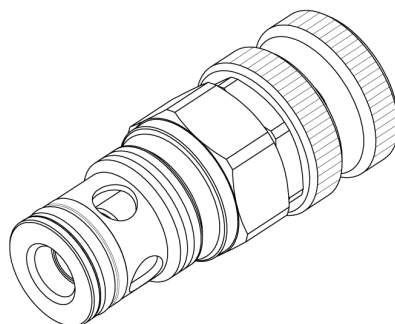
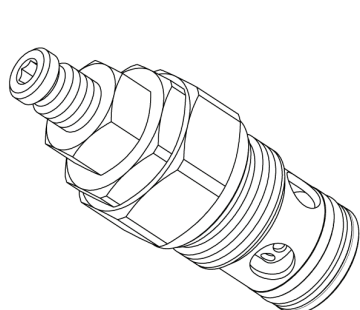
Volantino e dado  
Handknob and locknut

Sigla di ordinazione / Ordering code



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Strozzatore unidirezionale a cartuccia  
 Needle valve with free flow check – cartridge type  
 mod. ST130VU-C



Portata massima Max flow	130 l/min 34 gpm
Pressione massima Max pressure	300 bar 4300 psi
Coppia di serraggio Installation torque	140 ÷ 160 Nm 105 ÷ 120 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C	
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

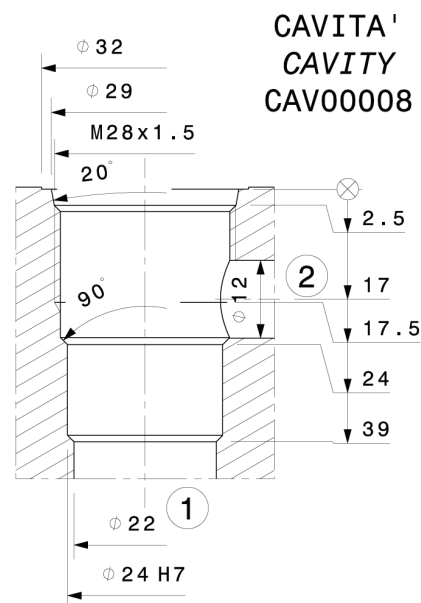
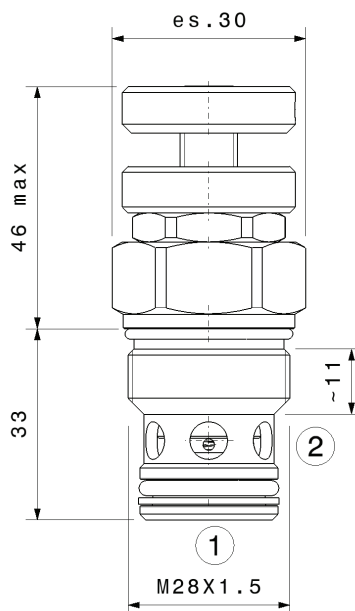
**Regolazioni / Adjustments**

**A** ES. 4

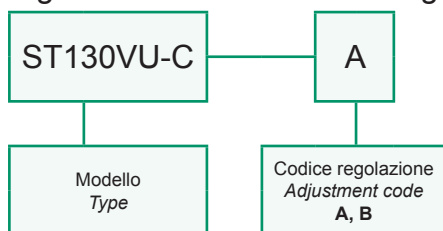
Vite esterna esagono incassato  
Leakproof hex socket screw

**B** Ø 30

Volantino e dado  
Handknob and locknut



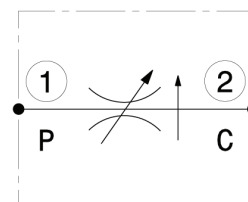
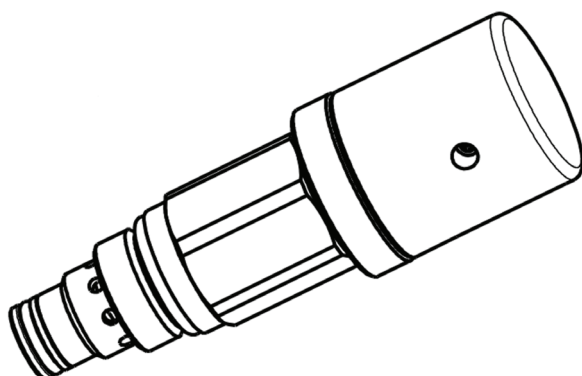
Sigla di ordinazione / Ordering code



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Valvola regolatrice di flusso compensata, due vie, a cartuccia  
2 ways, pressure compensated flow regulator valve – cartridge type

mod. RF2-08-C



Portata massima <i>Max flow</i>	20 l/min 5.3 gpm
Portata regolata <i>Regulated flow</i>	0 ÷ 20 l/min 0 ÷ 5.3 gpm
Pressione massima <i>Max pressure</i>	350 bar 5000 psi
Coppia di serraggio <i>Installation torque</i>	27 ÷ 30 Nm 20 ÷ 22.5 lb ft

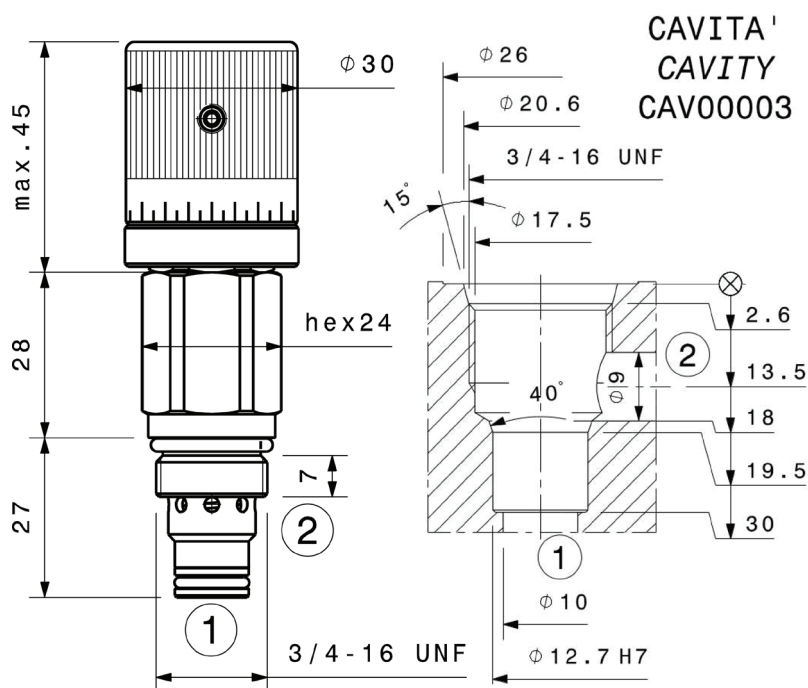
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
*Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C*

Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperature di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ

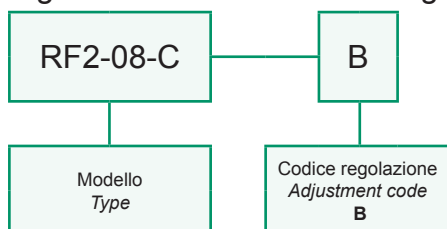
**Regolazioni**  
*Adjustments*

**B**

Manopola  
*Handknob*



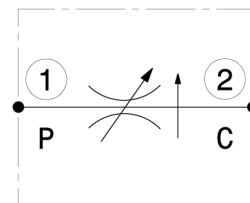
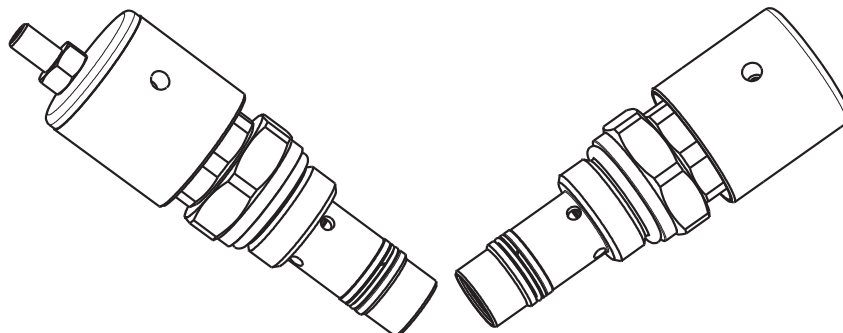
Sigla di ordinazione / Ordering code



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Valvola regolatrice di flusso compensata, due vie, a cartuccia  
 2 ways, pressure compensated flow regulator valve – cartridge type

mod. RF2-10-C



Portata massima <i>Max flow</i>	30 l/min 8 gpm
Portata regolata <i>Regulated flow</i>	0 ÷ 30 l/min 0 ÷ 8 gpm
Pressione massima <i>Max pressure</i>	350 bar 5000 psi
Coppia di serraggio <i>Installation torque</i>	40 ÷ 45 Nm 30 ÷ 34 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperature di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ

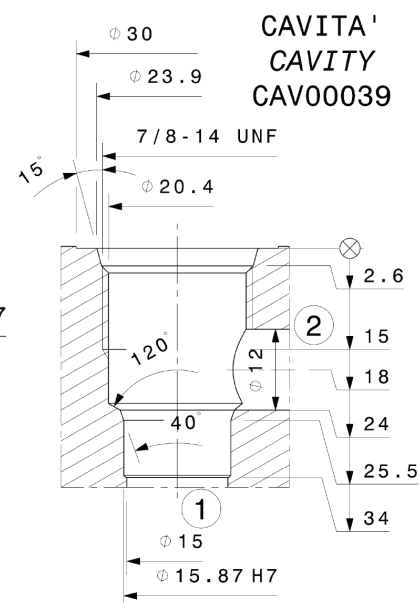
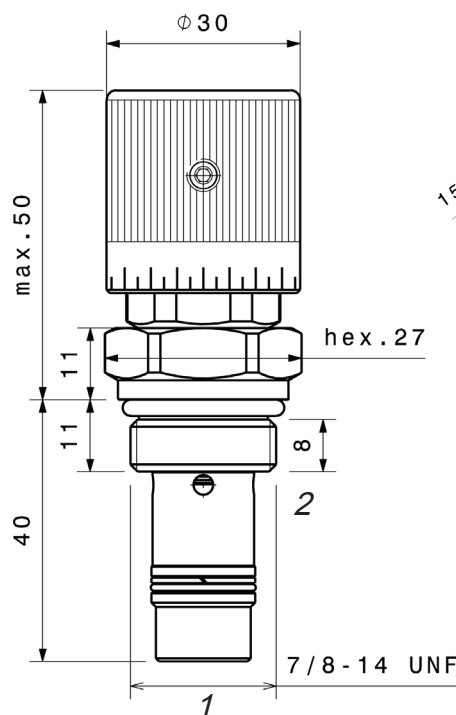
**Regolazioni / Adjustments**

**A**

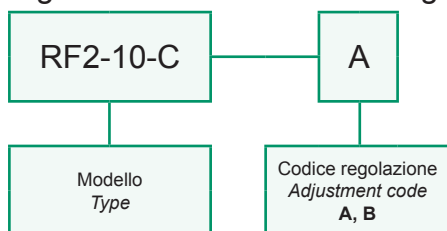
Manopola con vite di bloccaggio  
Handknob with locking screw

**B**

Manopola  
Handknob



Sigla di ordinazione / Ordering code

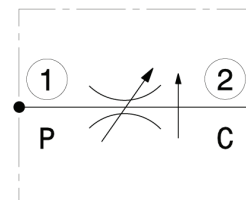
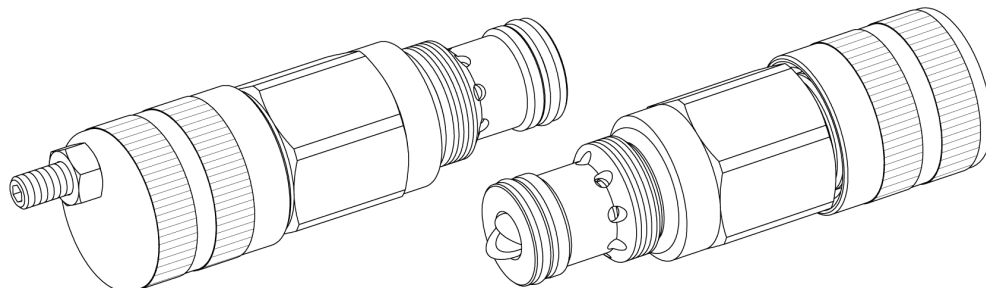


I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
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Valvola regolatrice di flusso compensata, due vie, a cartuccia  
2 ways, pressure compensated flow regulator valve – cartridge type

mod. RF2-50-C



Portata massima <i>Max flow</i>	30 l/min 8 gpm
Portata regolata <i>Regulated flow</i>	0 ÷ 30 l/min 0 ÷ 8 gpm
Pressione massima <i>Max pressure</i>	350 bar 5000 psi
Coppia di serraggio <i>Installation torque</i>	45 ÷ 50 Nm 34 ÷ 37 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperature di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ

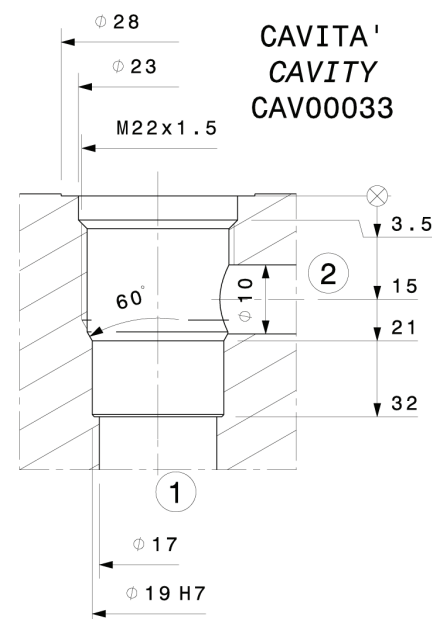
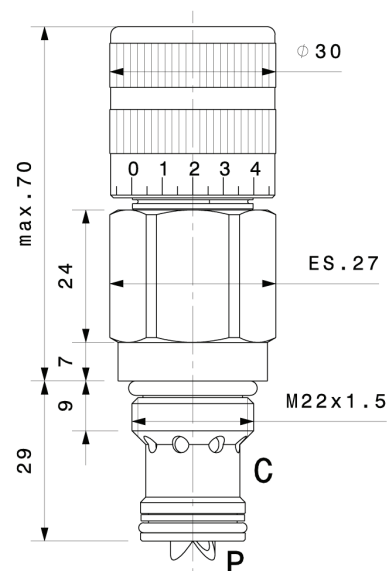
**Regolazioni  
Adjustments**

**A**

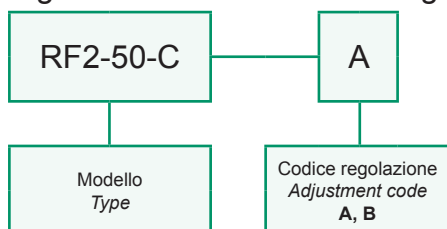
Manopola con vite di bloccaggio  
Handknob with locking screw

**B**

Manopola  
Handknob



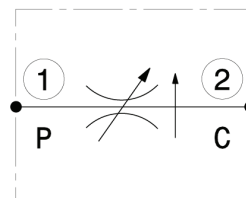
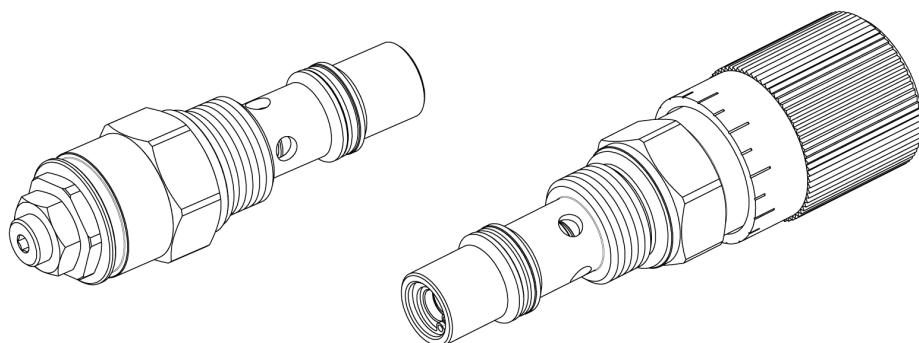
Sigla di ordinazione / Ordering code



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Valvola regolatrice di flusso compensata, due vie, a cartuccia  
 2 ways, pressure compensated flow regulator valve – cartridge type

mod. RF2-70-27-C



Portata massima Max flow	70 l/min 16 gpm
Portata regolata Regulated flow	0 ÷ 70 l/min 0 ÷ 18.5 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	80 ÷ 100 Nm 60 ÷ 75 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

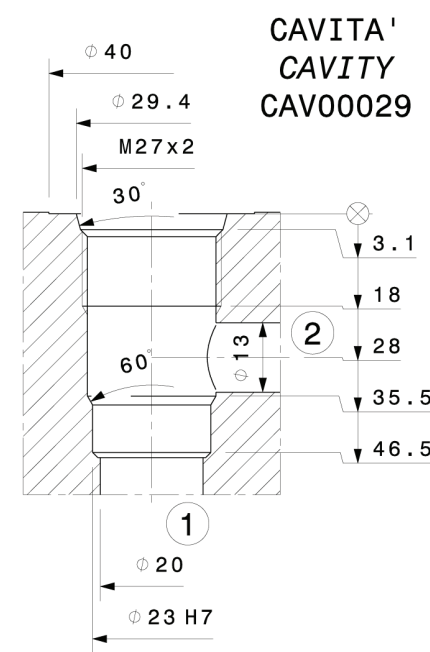
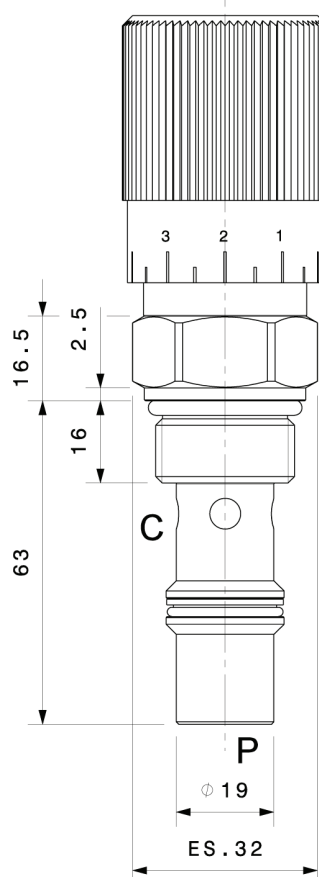
**Regolazioni / Adjustments**

**A**

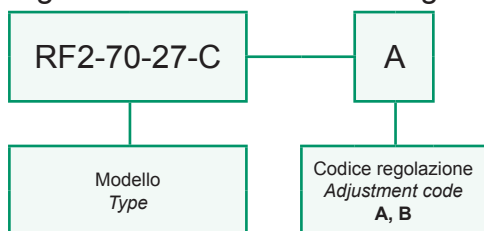
Vite esterna esagono incassato  
Leakproof hex socket screw

**B**

Manopola Handknob



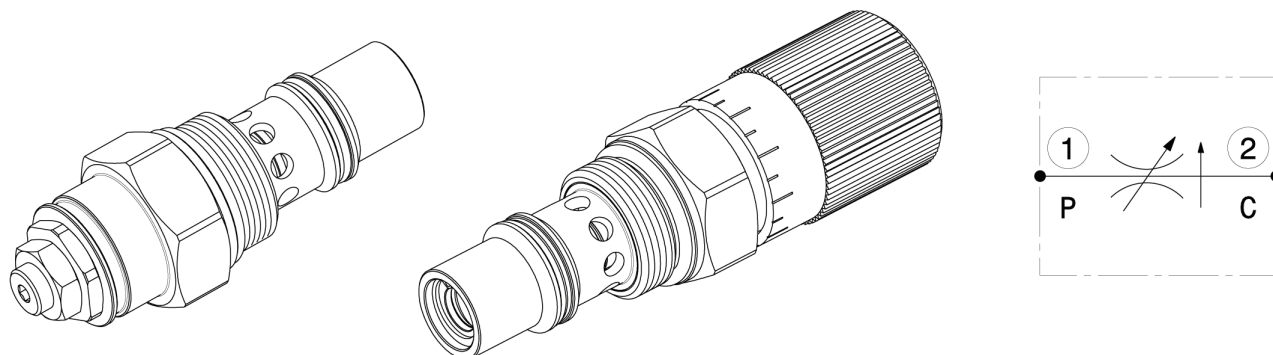
**Sigla di ordinazione / Ordering code**



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Valvola regolatrice di flusso compensata, due vie, a cartuccia  
2 ways, pressure compensated flow regulator valve – cartridge type

mod. RF2-130-33-C



Portata massima Max flow	130 l/min 34 gpm
Portata regolata Regulated flow	0 ÷ 130 l/min 0 ÷ 34 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	180 ÷ 210 Nm 135 ÷ 157 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

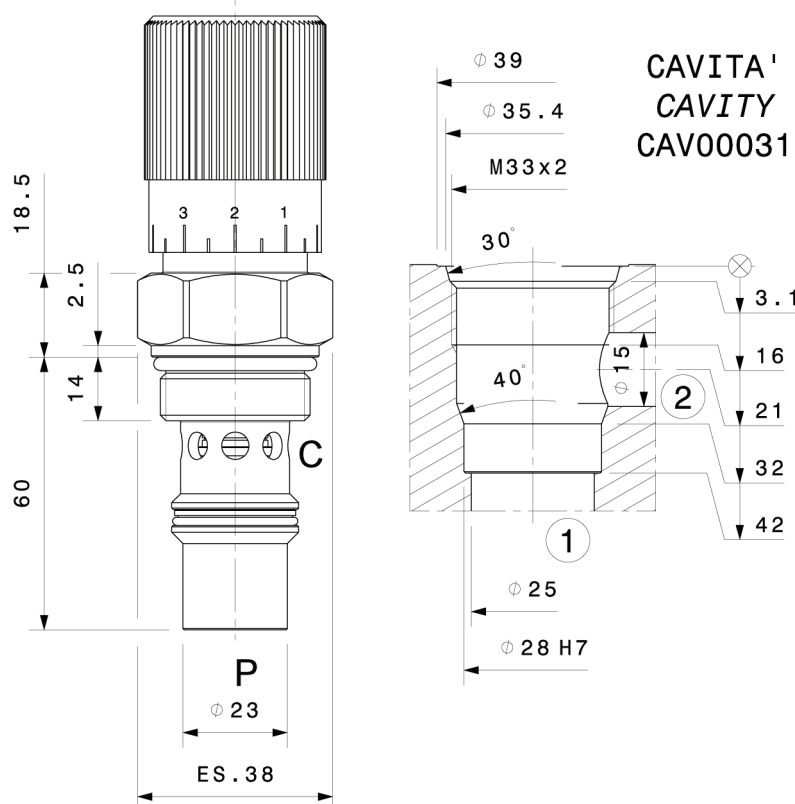
**Regolazioni / Adjustments**

**A**

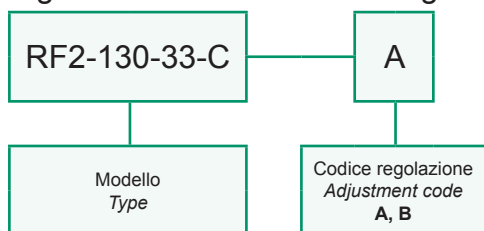
Vite esterna esagono incassato  
Leakproof hex socket screw

**B**

Manopola Handknob



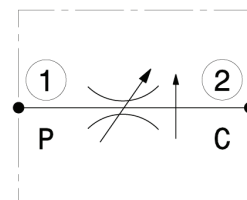
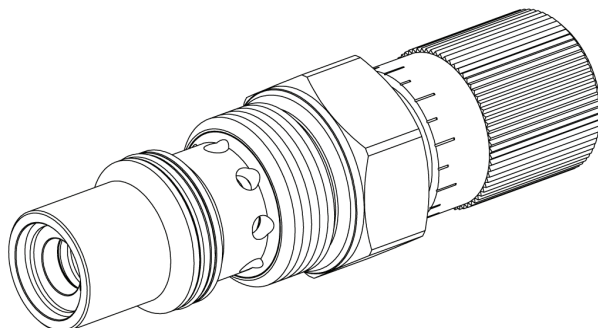
Sigla di ordinazione / Ordering code



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The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata, due vie, a cartuccia  
 2 ways, pressure compensated flow regulator valve – cartridge type

mod. RF2-200-42-C



Portata massima Max flow	200 l/min 53 gpm
Portata regolata Regulated flow	0 ÷ 200 l/min 0 ÷ 53 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	220 ÷ 250 Nm 165 ÷ 187 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

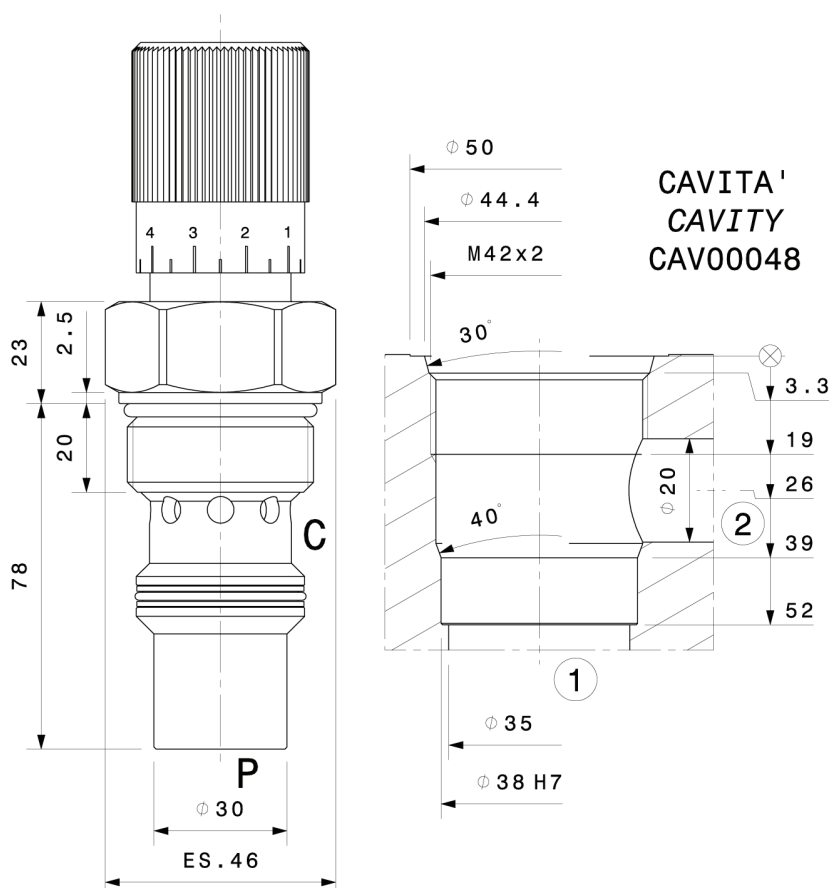
**Regolazioni / Adjustments**

**A**

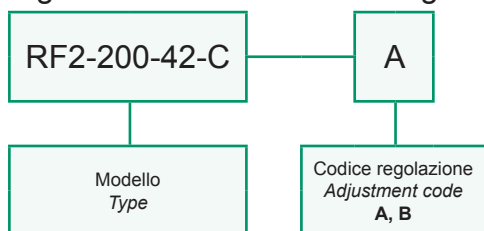
Vite esterna esagono incassato  
Leakproof hex socket screw

**B**

Manopola Handknob

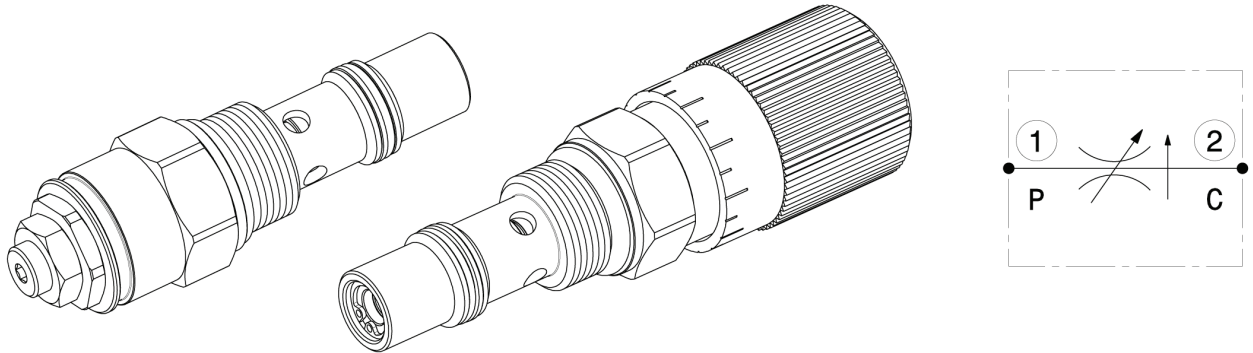


Sigla di ordinazione / Ordering code



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 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata, due vie, a cartuccia  
 2 ways, pressure compensated flow regulator valve – cartridge type  
 mod. RF2-70-12-C



Portata massima Max flow	70 l/min 18.5 gpm
Portata regolata Regulated flow	0 ÷ 70 l/min 0 ÷ 18.5 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	80 ÷ 100 Nm 60 ÷ 75 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

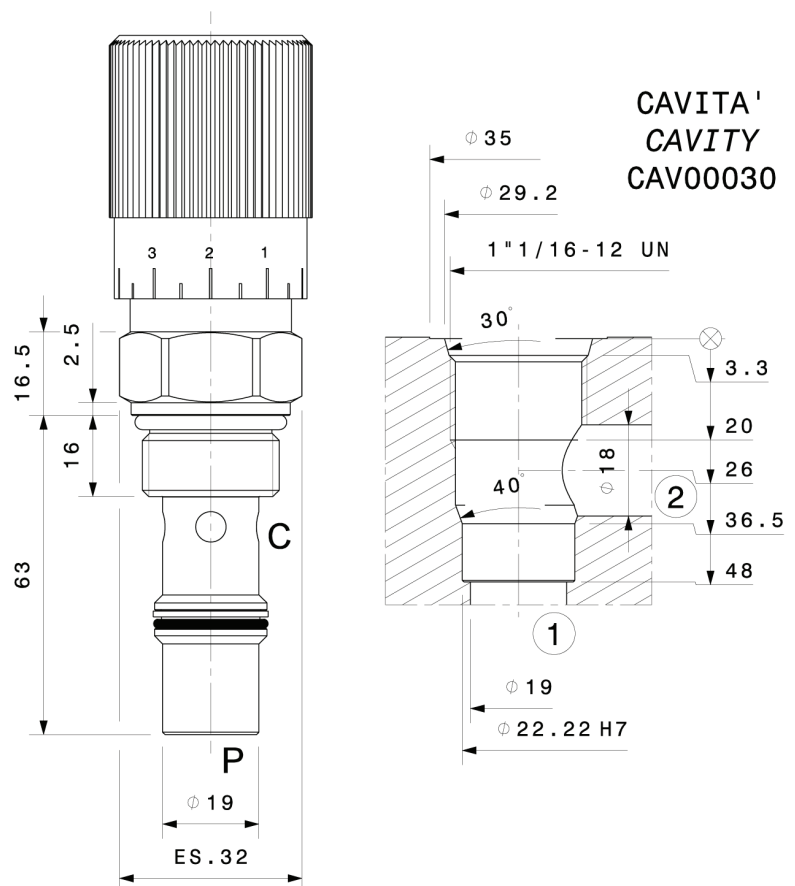
**Regolazioni / Adjustments**

**A**

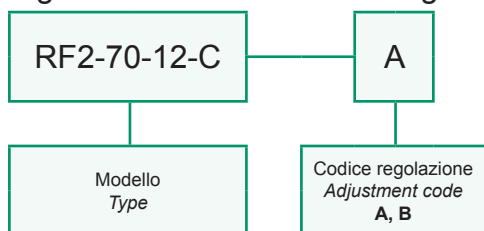
Vite esterna esagono incassato  
Leakproof hex socket screw

**B**

Manopola Handknob



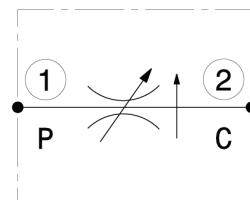
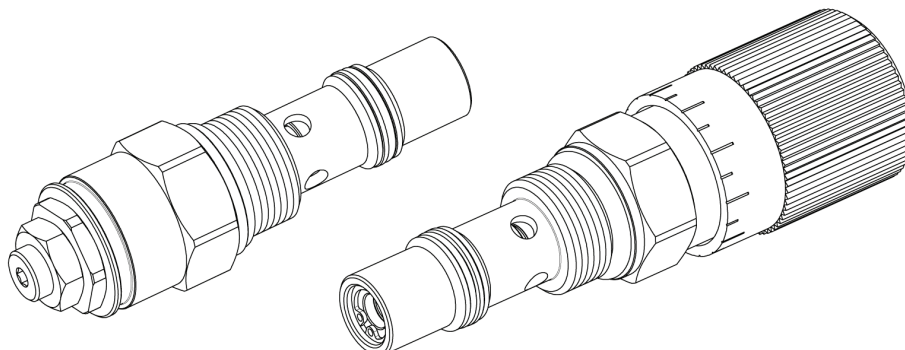
**Sigla di ordinazione / Ordering code**



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Valvola regolatrice di flusso compensata, due vie, a cartuccia  
 2 ways, pressure compensated flow regulator valve – cartridge type

mod. RF2-130-16-C



Portata massima Max flow	130 l/min 34 gpm
Portata regolata Regulated flow	0 ÷ 130 l/min 0 ÷ 34 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	180 ÷ 210 Nm 135 ÷ 157 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

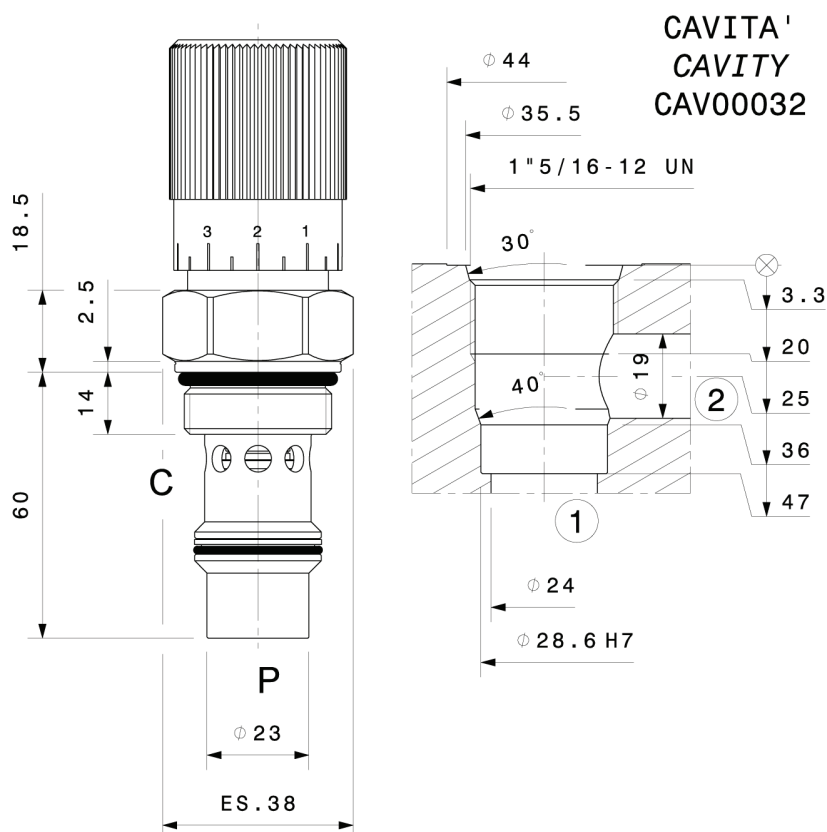
**Regolazioni / Adjustments**

**A**

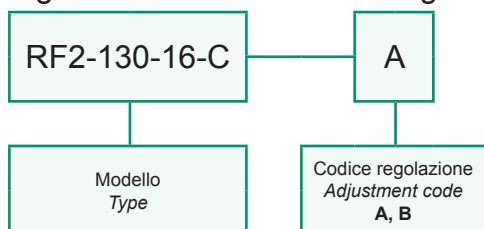
Vite esterna esagono incassato  
Leakproof hex socket screw

**B**

Manopola Handknob



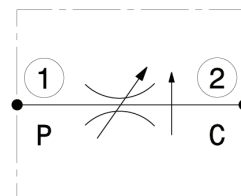
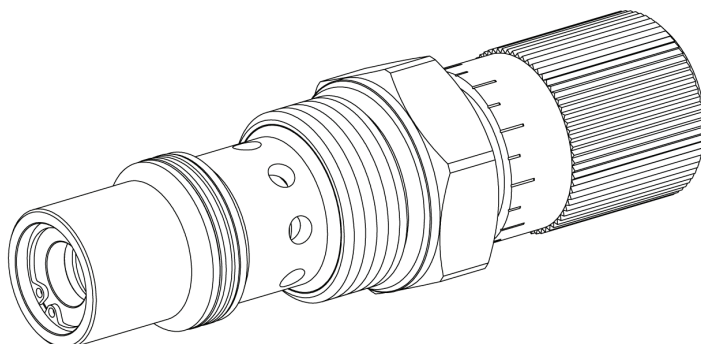
Sigla di ordinazione / Ordering code



I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata, due vie, a cartuccia  
 2 ways, pressure compensated flow regulator valve – cartridge type

mod. RF2-200-20-C



Portata massima Max flow	200 l/min 53 gpm
Portata regolata Regulated flow	0 ÷ 200 l/min 0 ÷ 53 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	220 ÷ 250 Nm 165 ÷ 187 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

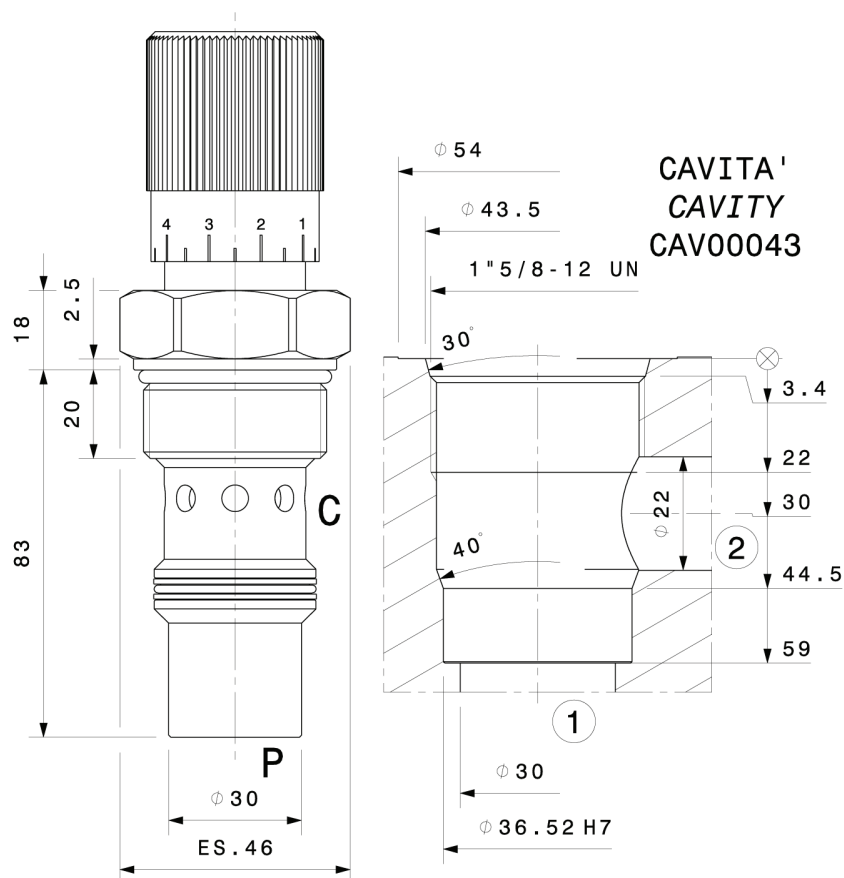
**Regolazioni / Adjustments**

**A**

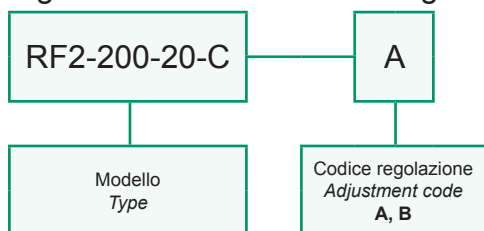
Vite esterna esagono incassato  
Leakproof hex socket screw

**B**

Manopola Handknob

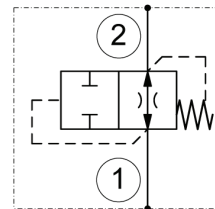
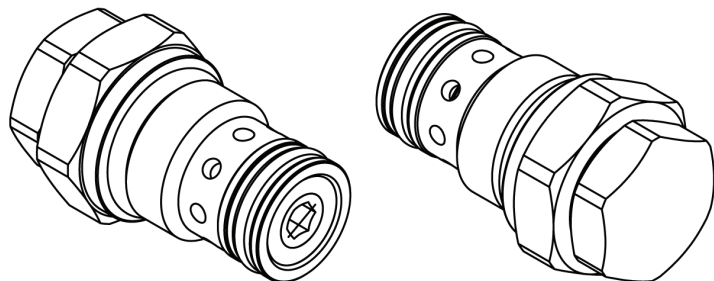


Sigla di ordinazione / Ordering code



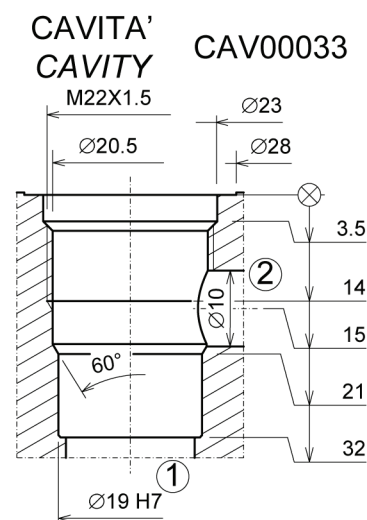
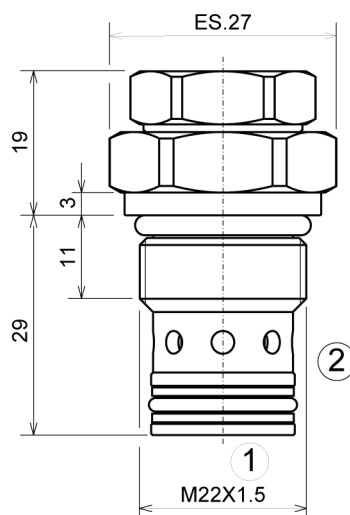
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Regolatore di flusso 2 vie compensato a cartuccia  
 Flow regulator, 2 ways, pressure compensated – cartridge type  
 mod. RF2F-22-C



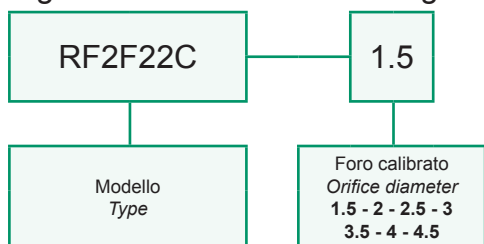
Portata massima Max flow	36 l/min 9.5 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	45 ÷ 50 Nm 33 ÷ 37 lb ft

Foro calibrato (mm) Orifice diameter (mm)	Portata regolata Regulated flow
1	2 l/min 0,5 gpm
1.5	4 l/min 1,1 gpm
2	7 l/min 1,8 gpm
2.5	10 l/min 2,6 gpm
3	15 l/min 4,0 gpm
3.5	21 l/min 5,5 gpm
4	28 l/min 7,4 gpm
4.5	36 l/min 9,5 gpm



Dati e tarature ottenuti usando olio a 30 cSt a 50°C.  
 Viscosità raccomandate 10 ÷ 420 cSt. Temperature di lavoro -20÷+90 °C.  
 Filtrazione assoluta 25 µ.  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C (122 F). Recommended viscosity 10 ÷ 420 cSt, working temperature -20÷+90 °C (-4 F÷194 F). Absolute filtration 25 µ.

Sigla di ordinazione / Ordering code

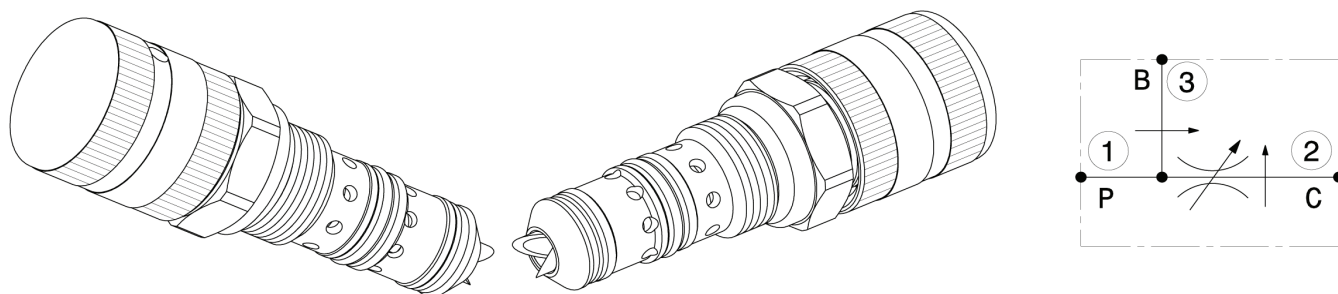


I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
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Valvola regolatrice di flusso compensata, tre vie, a cartuccia  
 3 ways, pressure compensated flow regulator valve – cartridge type

mod. RFP-50-C



Portata massima Max flow	40 l/min 10.5 gpm
Portata regolata Regulated flow	0 ÷ 25 l/min 0 ÷ 6.6 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	45 ÷ 50 Nm 34 ÷ 38 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

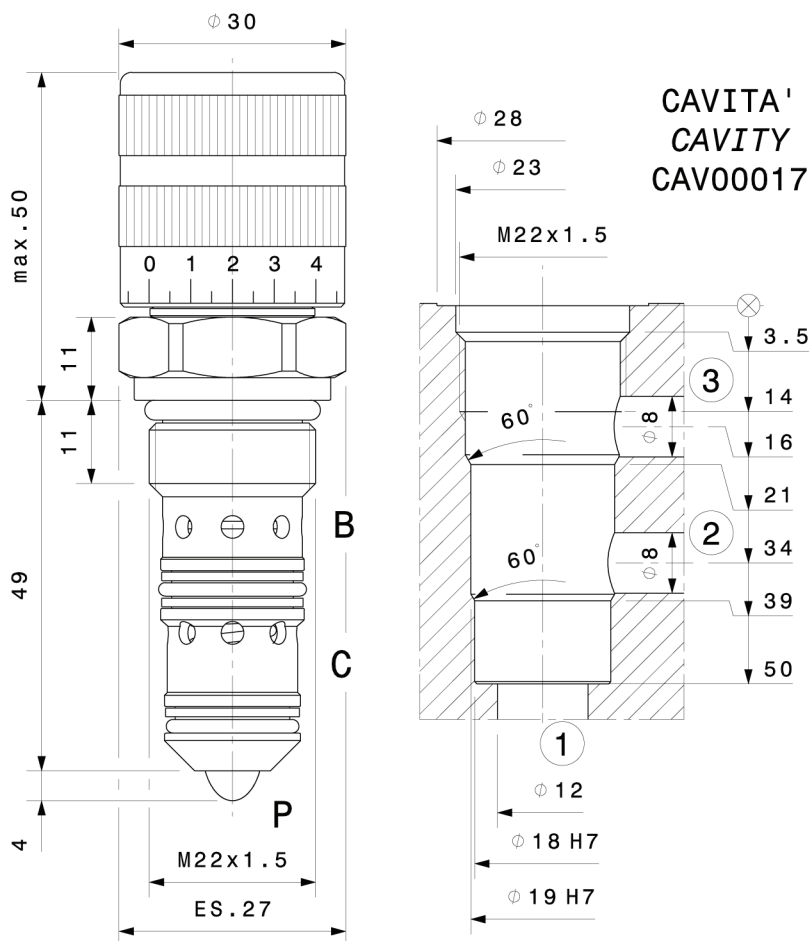
**Regolazioni / Adjustments**

**A**

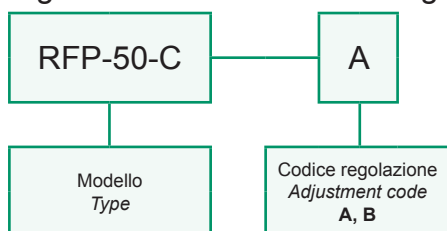
Manopola con vite di bloccaggio  
Handknob with locking screw

**B**

Manopola  
Handknob



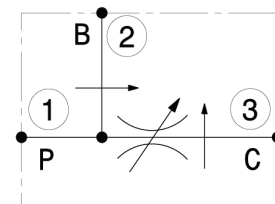
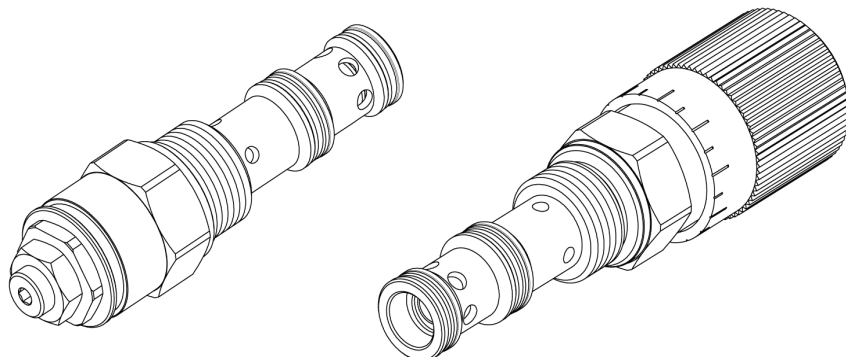
Sigla di ordinazione / Ordering code



I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
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Valvola regolatrice di flusso compensata, tre vie, a cartuccia  
3 ways, pressure compensated flow regulator valve – cartridge type

mod. RFP-90-C



Portata massima Max flow	90 l/min 24 gpm
Portata regolata Regulated flow	2 ÷ 50 l/min 0.5 ÷ 13 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	80 ÷ 100 Nm 60 ÷ 75 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

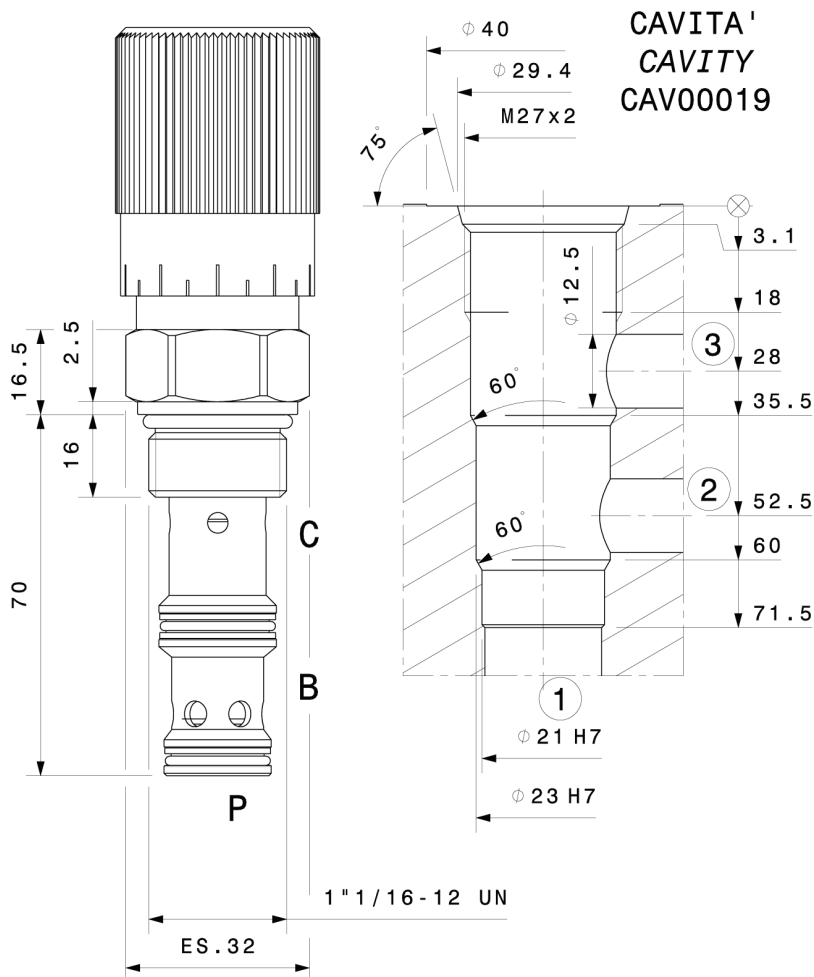
**Regolazioni / Adjustments**

**A**

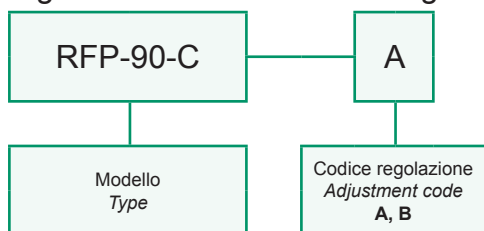
Vite esterna esagono incassato  
Leakproof hex socket screw

**B**

Manopola  
Handknob

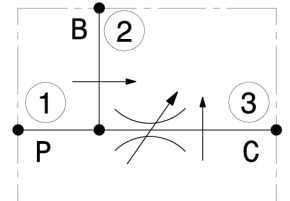
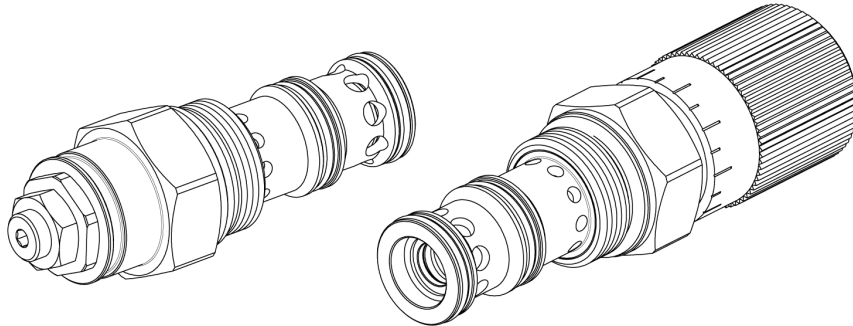


Sigla di ordinazione / Ordering code



I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata, tre vie, a cartuccia  
 3 ways, pressure compensated flow regulator valve – cartridge type  
 mod. RFP-150-33-C

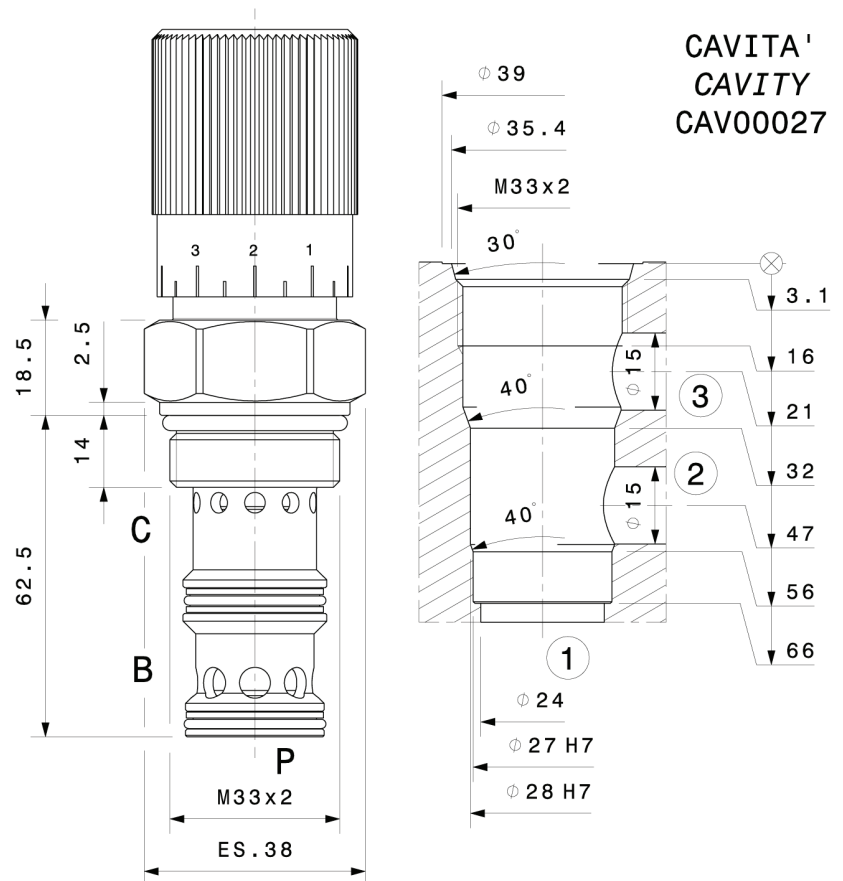
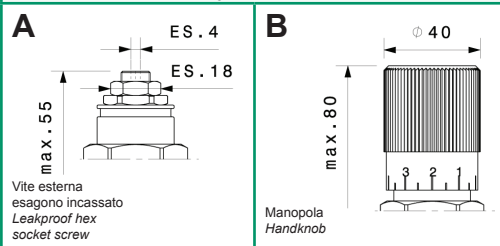


Portata massima Max flow	150 l/min 40 gpm
Portata regolata Regulated flow	5 ÷ 100 l/min 1 ÷ 26 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	180 ÷ 210 Nm 135 ÷ 157 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

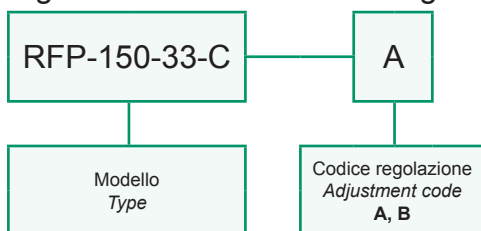
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Regolazioni  
Adjustments



CAVITA'  
CAVITY  
CAV00027

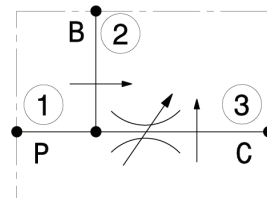
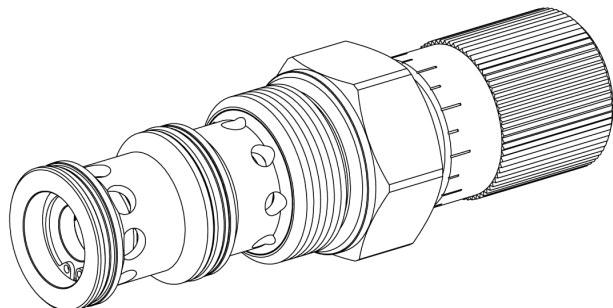
Sigla di ordinazione / Ordering code



I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata, tre vie, a cartuccia  
 3 ways, pressure compensated flow regulator valve – cartridge type

mod. RFP-250-42-C



Portata massima <i>Max flow</i>	250 l/min 66 gpm
Portata regolata <i>Regulated flow</i>	5 ÷ 170 l/min 1.3 ÷ 45 gpm
Pressione massima <i>Max pressure</i>	350 bar 5000 psi
Coppia di serraggio <i>Installation torque</i>	240 ÷ 260 Nm 180 ÷ 195 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperature di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ

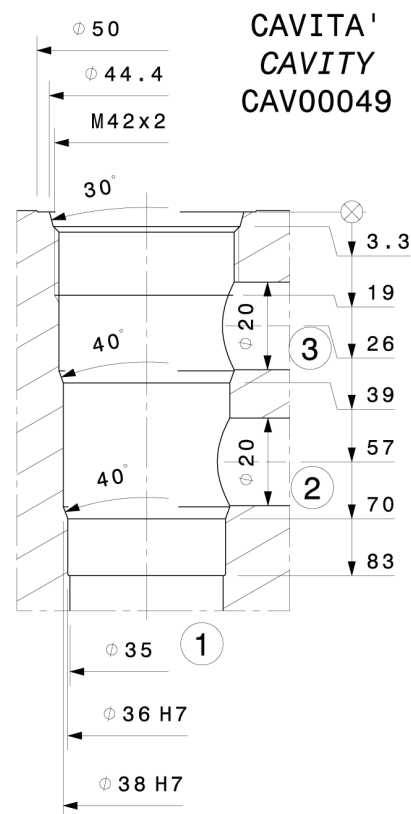
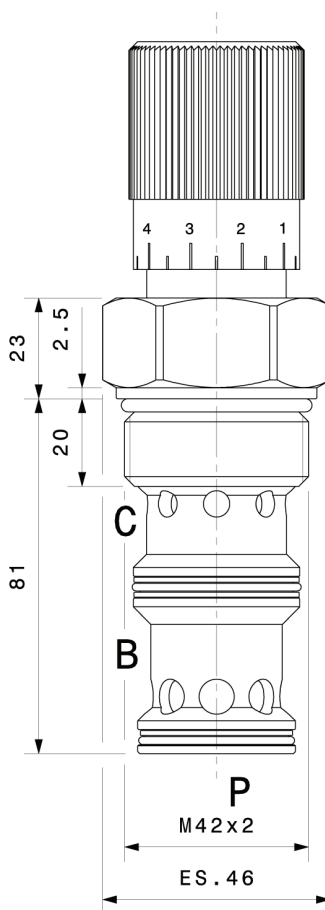
**Regolazioni / Adjustments**

**A**

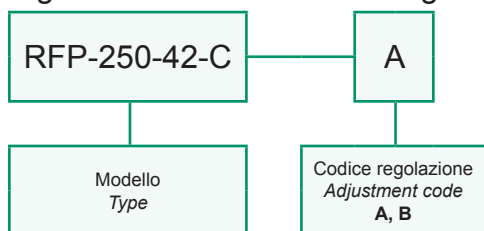
Vite esterna esagono incassato  
*Leakproof hex socket screw*

**B**

Manopola  
*Handknob*



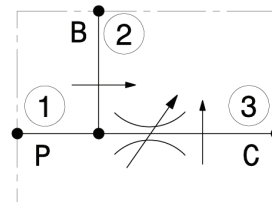
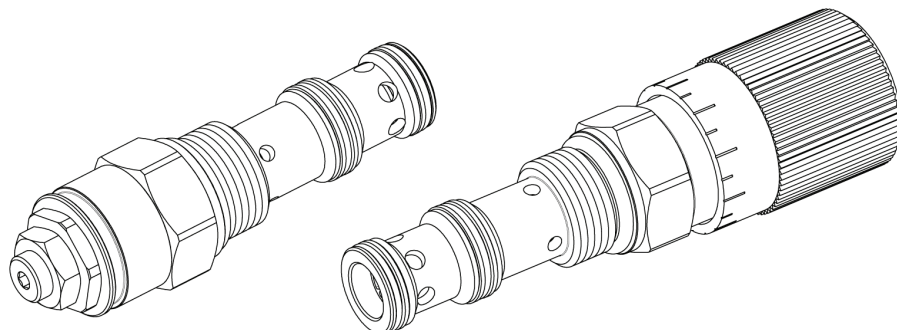
Sigla di ordinazione / Ordering code



I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
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Valvola regolatrice di flusso compensata, tre vie, a cartuccia  
 3 ways, pressure compensated flow regulator valve – cartridge type

mod. RFP-90-12-C



Portata massima Max flow	90 l/min 24 gpm
Portata regolata Regulated flow	2 ÷ 50 l/min 0.5 ÷ 13 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	80 ÷ 100 Nm 60 ÷ 75 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

**Regolazioni / Adjustments**

**A**

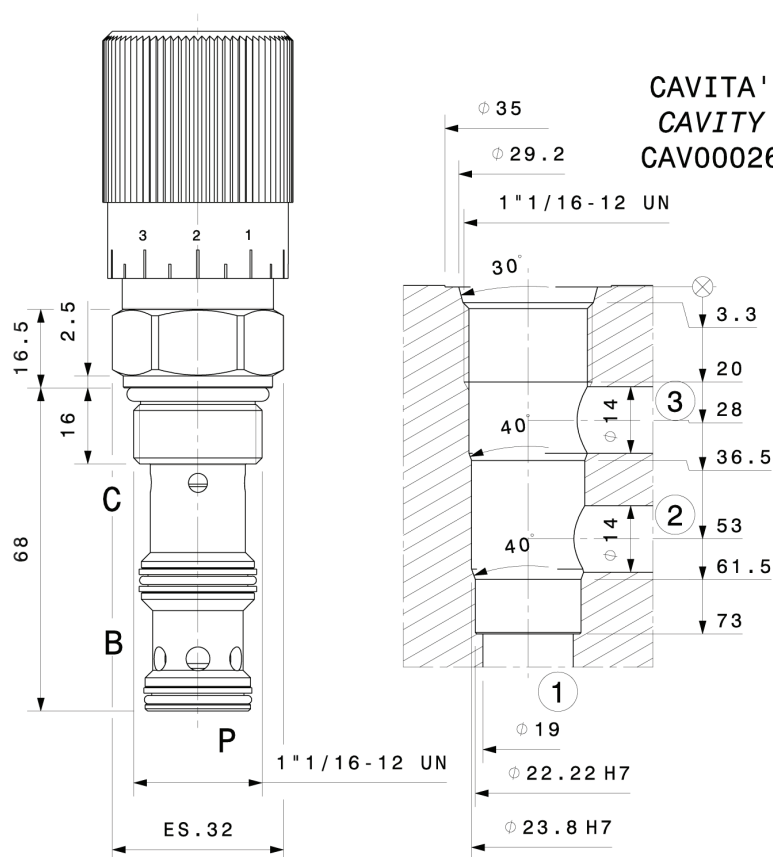
ES . 4  
ES . 18  
max . 55

Vite esterna esagono incassato  
Leakproof hex socket screw

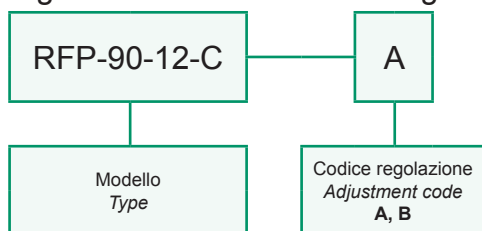
**B**

max . 80  
Ø 40

Manopola Handknob



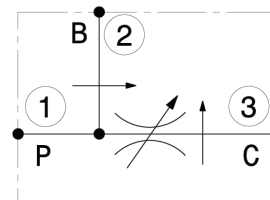
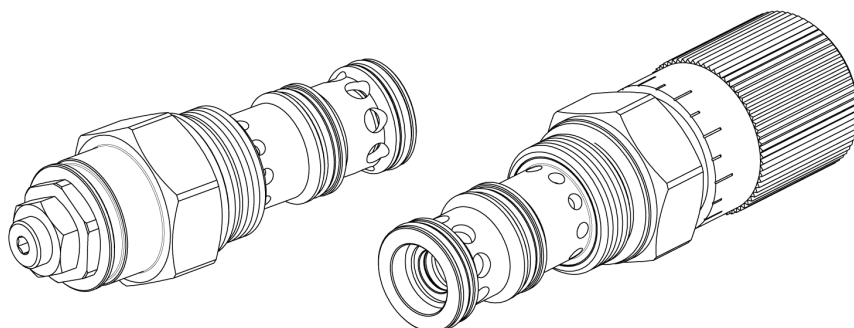
**Sigla di ordinazione / Ordering code**



I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata, tre vie, a cartuccia  
 3 ways, pressure compensated flow regulator valve – cartridge type

mod. RFP-150-16-C



Portata massima <i>Max flow</i>	150 l/min 40 gpm
Portata regolata <i>Regulated flow</i>	5 ÷ 100 l/min 1.3 ÷ 26 gpm
Pressione massima <i>Max pressure</i>	350 bar 5000 psi
Coppia di serraggio <i>Installation torque</i>	180 ÷ 210 Nm 135 ÷ 157 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cStt
Temperature di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ

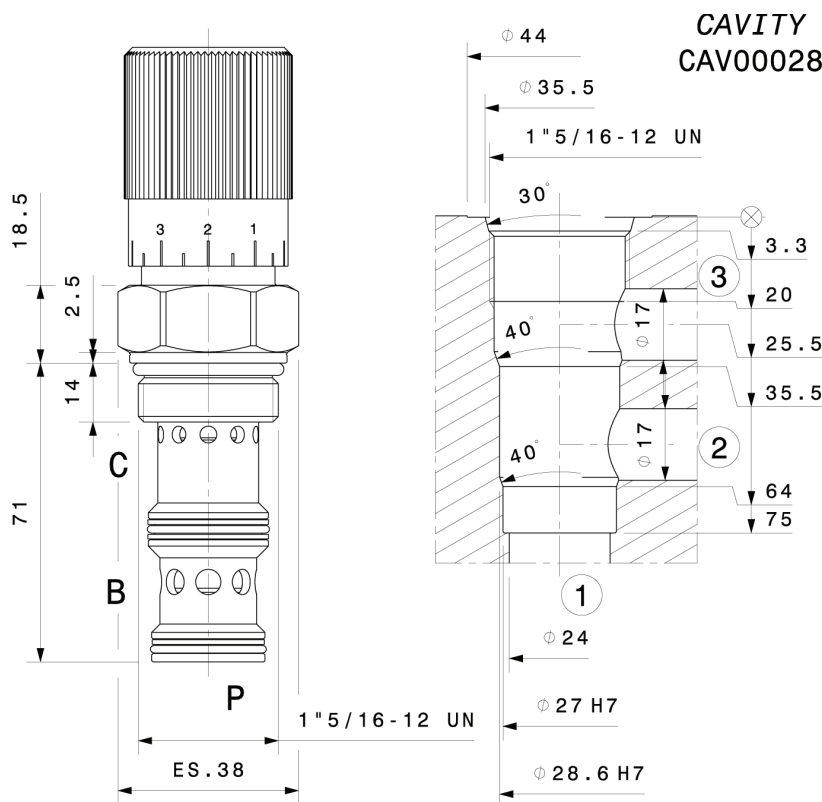
**Regolazioni / Adjustments**

**A**

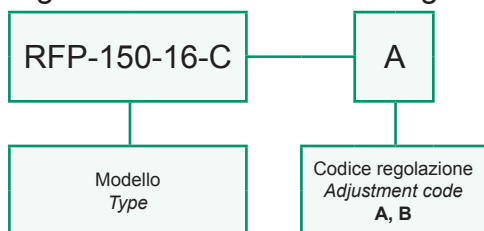
Vite esterna esagono incassato  
*Leakproof hex socket screw*

**B**

Manopola  
*Handknob*

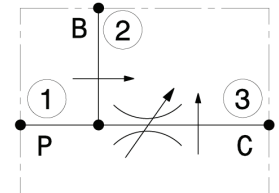
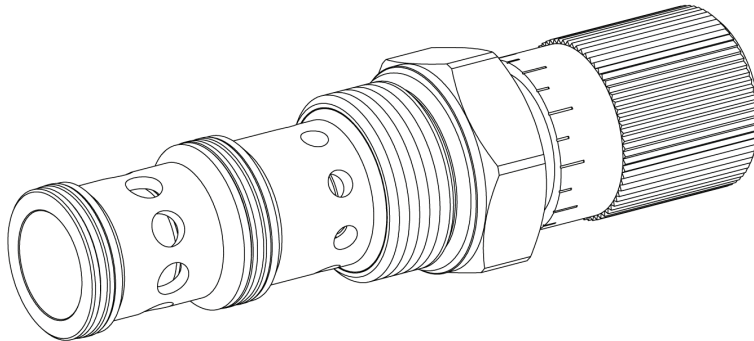


**Sigla di ordinazione / Ordering code**



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 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata, tre vie, a cartuccia  
 3 ways, pressure compensated flow regulator valve – cartridge type  
 mod. RFP-250-20-C



Portata massima Max flow	250 l/min 66 gpm
Portata regolata Regulated flow	5 ÷ 170 l/min 1.3 ÷ 45 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	240 ÷ 260 Nm 180 ÷ 195 lb ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C	
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

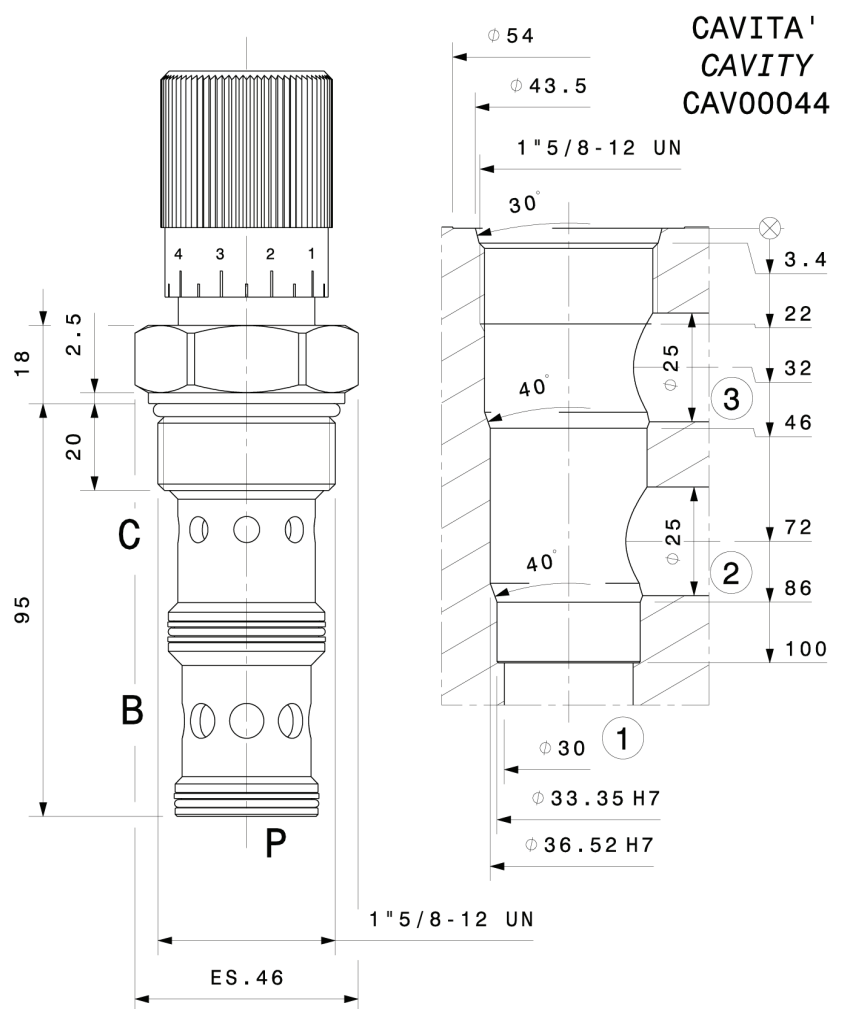
**Regolazioni / Adjustments**

**A**

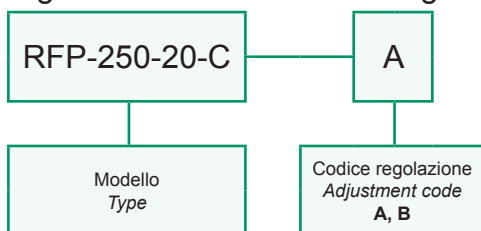
Vite esterna esagono incassato  
Leakproof hex socket screw

**B**

Manopola Handknob



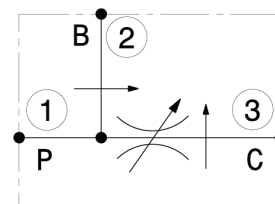
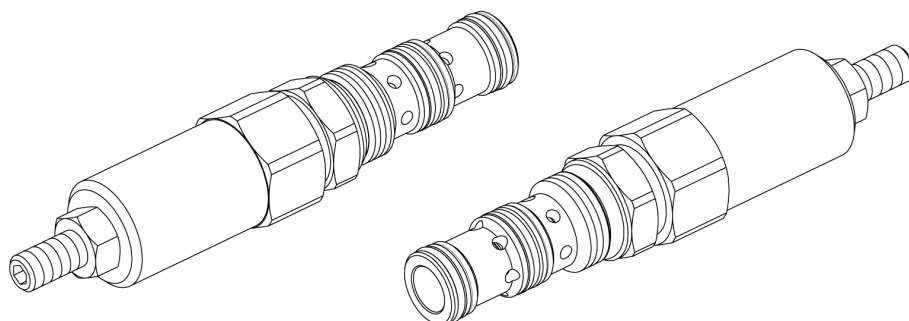
**Sigla di ordinazione / Ordering code**



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 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata, tre vie, a cartuccia  
3 ways, pressure compensated flow regulator valve – cartridge type

mod. RF-C3

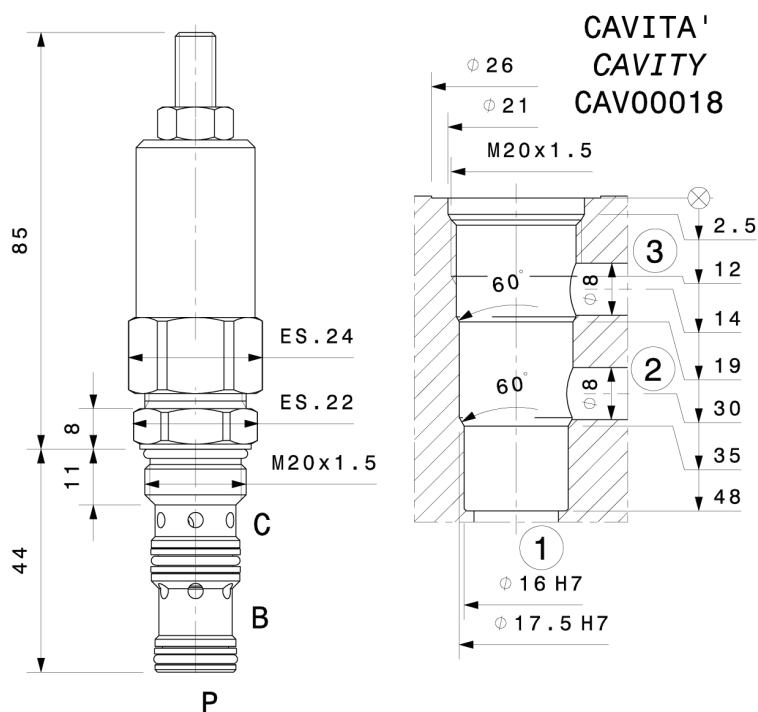


Portata massima Max flow	40 l/min 10.5 gpm
Portata regolata Regulated flow	2 ÷ 35 l/min 0.5 ÷ 9 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	27 ÷ 30 Nm 20 ÷ 23 lbf ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

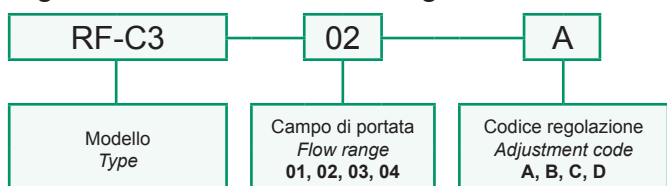
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Codice Code	Campo di portata Flow range
01	2 ÷ 6 l/min 0.5 ÷ 1.6 gpm
02	5 ÷ 10 l/min 1.3 ÷ 2.7 gpm
03	10 ÷ 18 l/min 2.7 ÷ 4.8 gpm
04	20 ÷ 35 l/min 5.3 ÷ 9 gpm



Regolazioni Adjustments	<b>A</b> ES. 4 ES. 13 max. 77 Vite esterna esagono incassato Leakproof hex socket screw	<b>B</b> ϕ 40 ES. 13 max. 110 Volantino e dado Handknob and locknut	<b>C</b> 86 Piombatura Sealing cap	<b>D</b> 88 ES. 14 ES. 13 Cappello Cap
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Sigla di ordinazione / Ordering code

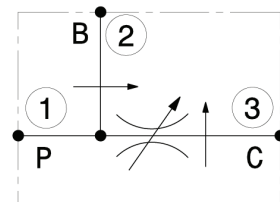
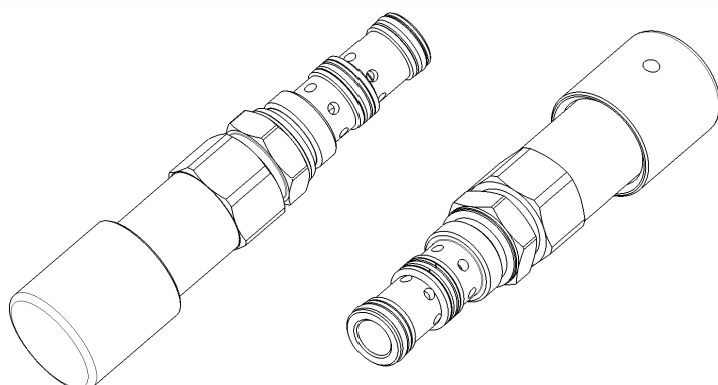


I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
The specifications are not binding, CBF reserves the right to introduce modifications without notice.



Valvola regolatrice di flusso compensata, tre vie con manopola di regolazione, a cartuccia  
 3 ways, pressure compensated flow regulator valve with handknob – cartridge type

mod. RF-C3-M

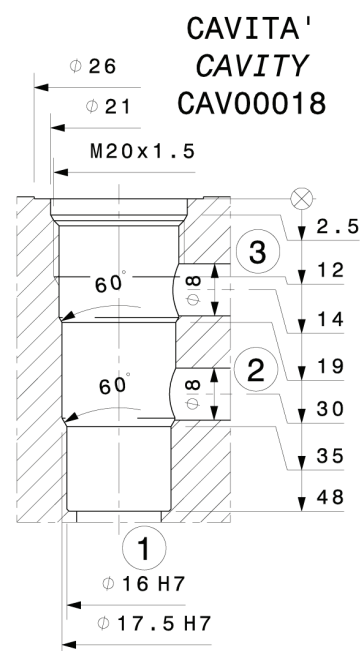
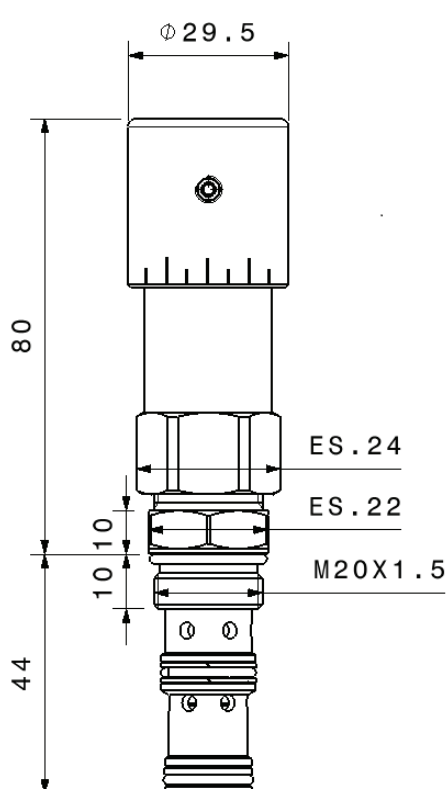


Portata massima Max flow	40 l/min 10.5 gpm
Portata regolata Regulated flow	2 ÷ 35 l/min 0.5 ÷ 9 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	27 ÷ 30 Nm 20 ÷ 23 lbf ft

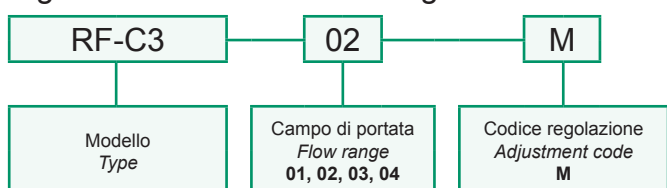
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Codice Code	Campo di portata Flow range
01	2 ÷ 6 l/min 0.5 ÷ 1.6 gpm
02	5 ÷ 10 l/min 1.3 ÷ 2.7 gpm
03	10 ÷ 18 l/min 2.7 ÷ 4.8 gpm
04	20 ÷ 35 l/min 5.3 ÷ 9 gpm

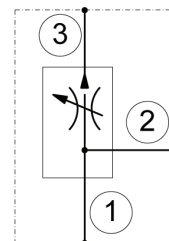
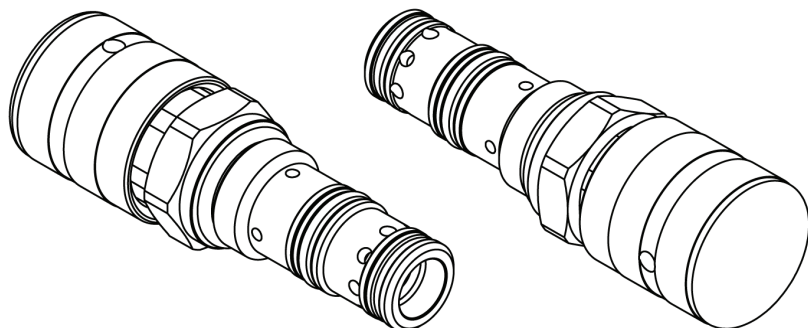


Sigla di ordinazione / Ordering code



I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Regolatore di flusso prioritario a tre vie a cartuccia  
 Pressure compensated 3 ways flow regulator – cartridge type  
 mod. RFP-10-C



Portata massima <i>Max flow</i>	50 l/min 13 gpm
Portata regolata <i>Regulated flow</i>	0 ÷ 35 l/min 0 ÷ 9 gpm
Pressione massima <i>Max pressure</i>	350 bar 5000 psi
Coppia di serraggio <i>Installation torque</i>	40 ÷ 45 Nm 30 ÷ 34 lbf ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperatura di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ

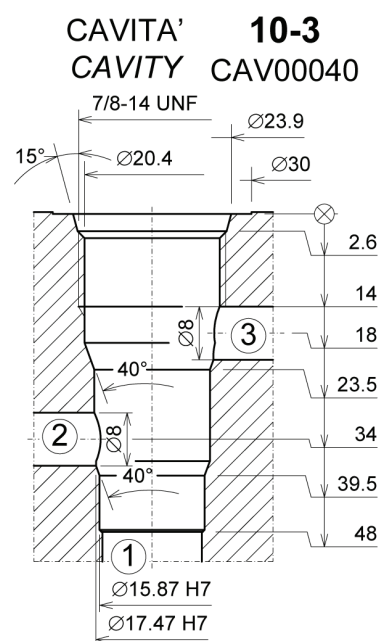
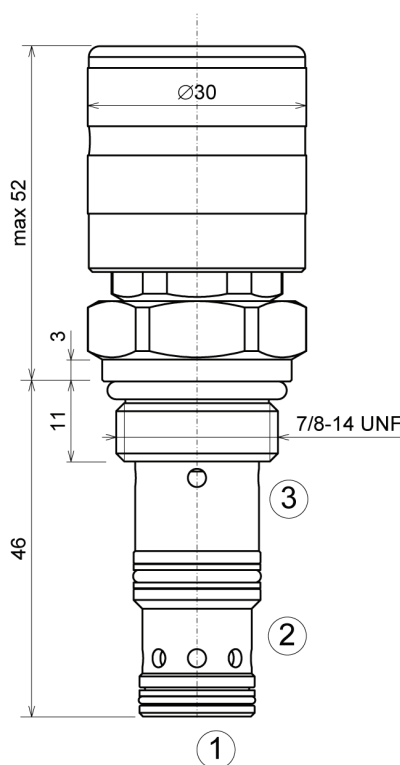
**Regolazioni / Adjustments**

**A**

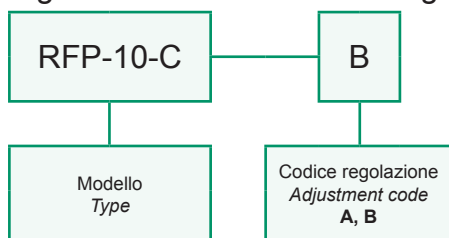
Manopola con vite di bloccaggio  
*Handknob with locking screw*

**B**

Manopola  
*Handknob*

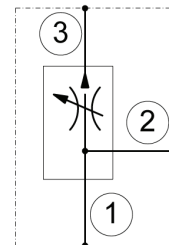
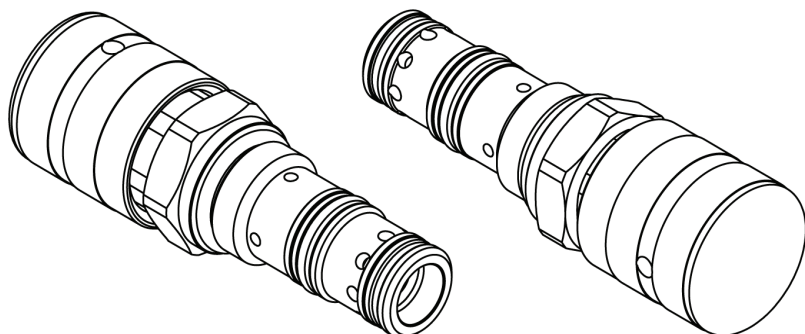


**Sigla di ordinazione / Ordering code**



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Regolatore di flusso prioritario a tre vie a cartuccia  
 Pressure compensated 3 ways flow regulator – cartridge type  
 mod. RFP-22-C

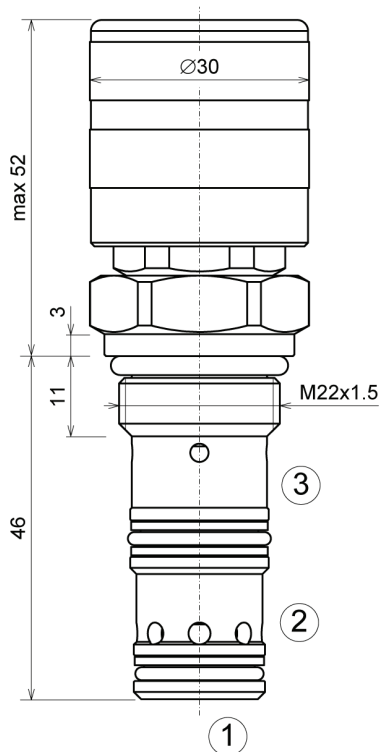
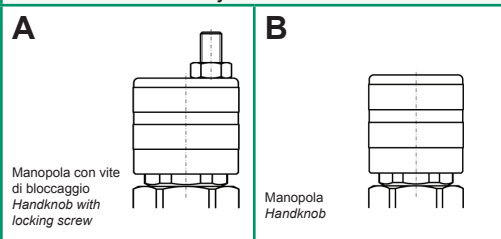


Portata massima Max flow	50 l/min 13 gpm
Portata regolata Regulated flow	0 ÷ 35 l/min 0 ÷ 9 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	40 ÷ 45 Nm 30 ÷ 34 lbf ft

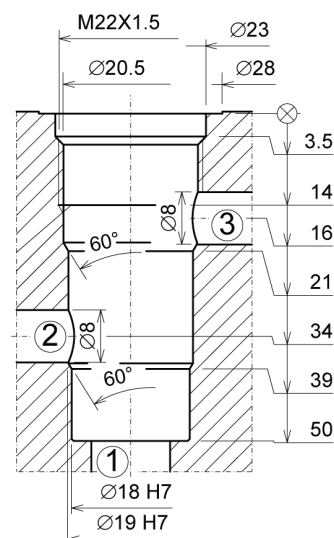
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

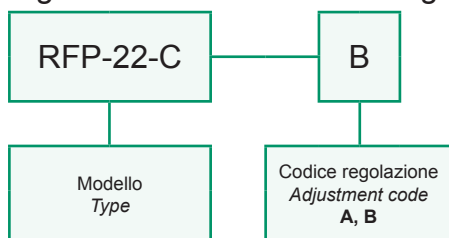
Regolazioni  
Adjustments



CAVITA' CAVITY CAV00017

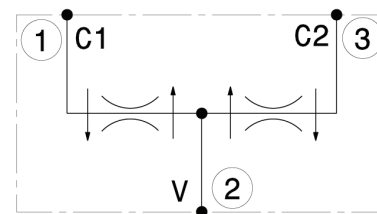
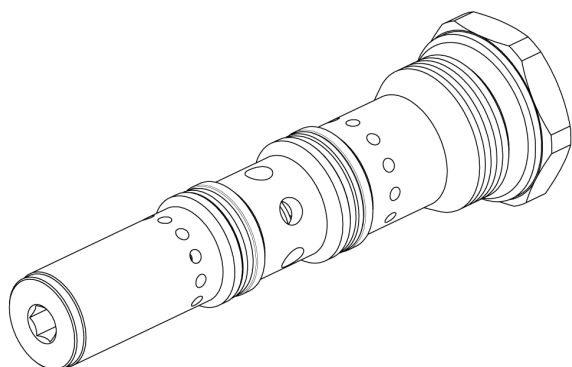


Sigla di ordinazione / Ordering code



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Divisore – riunificatore di flusso a cartuccia  
 Flow divider combiner – cartridge type  
 mod. DFR-C

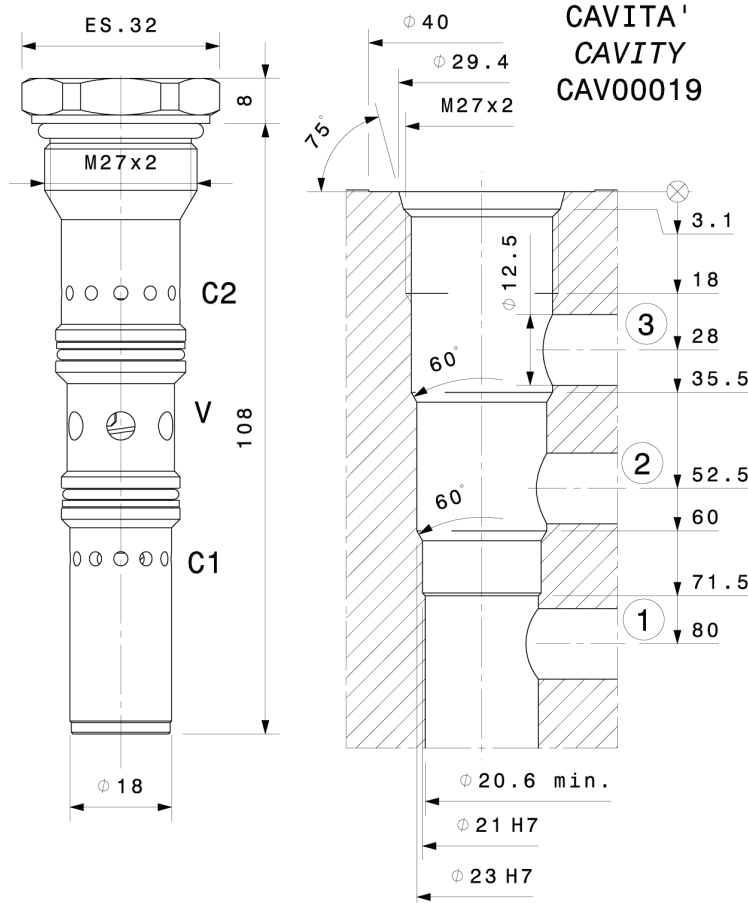


Portata massima Max flow	70 l/min 18.5 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	80 ÷ 100 Nm 60 ÷ 75 lbf ft

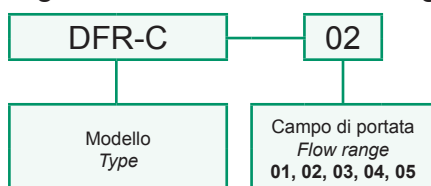
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Codice Code	Campo di portata Flow range
01	3 ÷ 6 l/min 0.8 ÷ 1.6 gpm
02	7 ÷ 12 l/min 1.8 ÷ 3.2 gpm
03	13 ÷ 25 l/min 3.4 ÷ 6.6 gpm
04	26 ÷ 40 l/min 6.9 ÷ 10.5 gpm
05	40 ÷ 70 l/min 10.5 ÷ 18.5 gpm

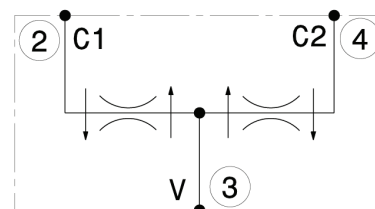
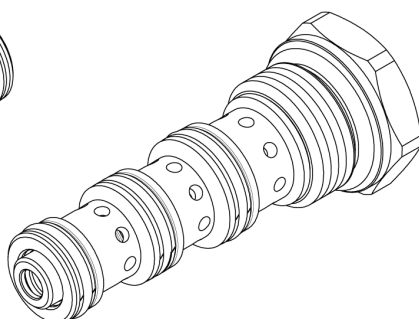
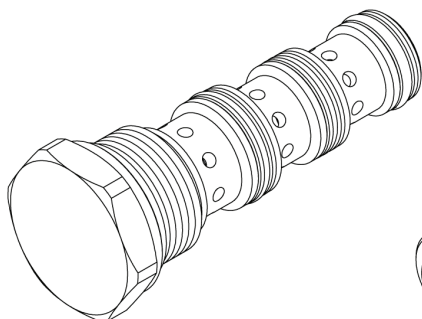


Sigla di ordinazione / Ordering code



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 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Divisore – riunificatore di flusso a cartuccia  
 Flow divider combiner – cartridge type  
 mod. DFR-10-C

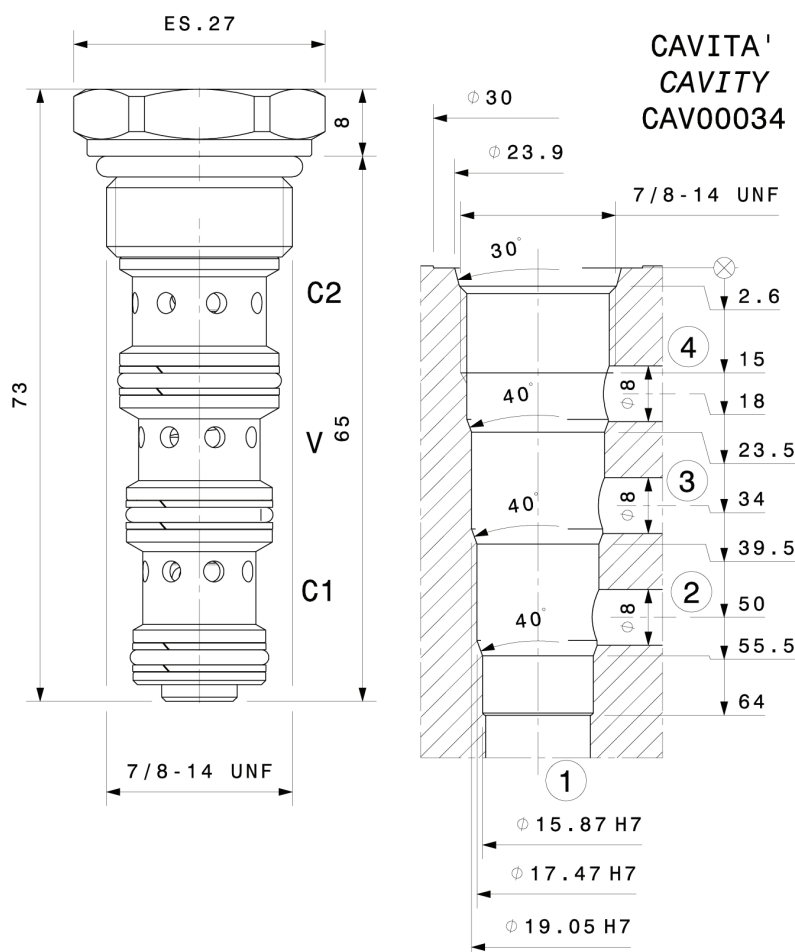


Portata massima Max flow	40 l/min 10.5 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	35 ÷ 40 Nm 26 ÷ 30 lbf ft

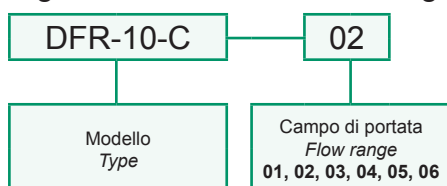
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Codice Code	Campo di portata Flow range
01	2 ÷ 4 l/min 0.5 ÷ 1 gpm
02	4 ÷ 7 l/min 1 ÷ 1.8 gpm
03	7 ÷ 12 l/min 1.8 ÷ 3.2 gpm
04	10 ÷ 16 l/min 2.7 ÷ 4.2 gpm
05	15 ÷ 25 l/min 4 ÷ 6.6 gpm
06	25 ÷ 40 l/min 6.6 ÷ 10.5 gpm

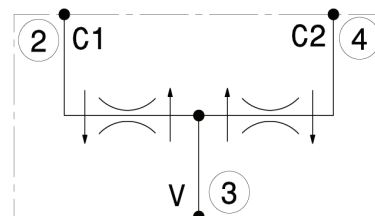
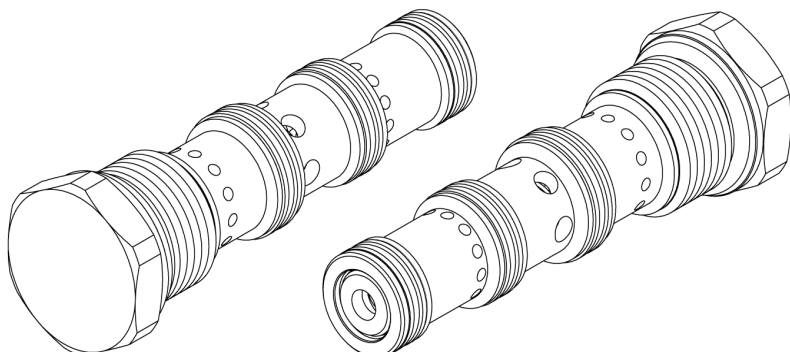


Sigla di ordinazione / Ordering code



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Divisore – riunificatore di flusso a cartuccia  
 Flow divider combiner – cartridge type  
 mod. DFR-12-C

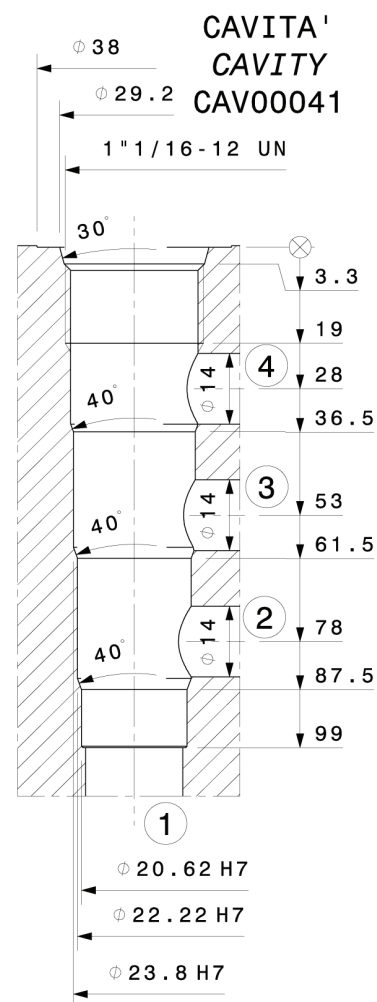
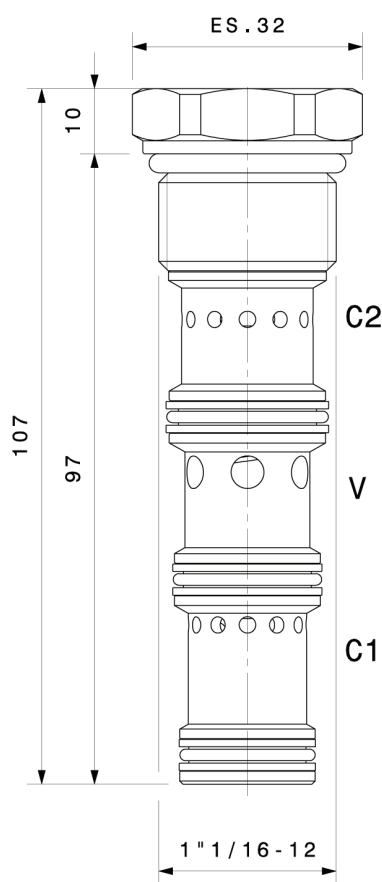


Portata massima Max flow	70 l/min 18.5 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	80 ÷ 100 Nm 60 ÷ 75 lbf ft

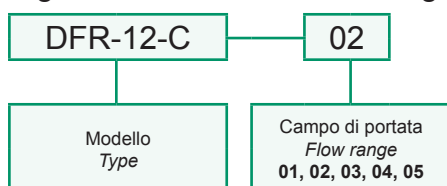
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Codice Code	Campo di portata Flow range
01	3 ÷ 6 l/min 0.8 ÷ 1.6 gpm
02	7 ÷ 12 l/min 1.8 ÷ 3.2 gpm
03	13 ÷ 25 l/min 3.4 ÷ 6.6 gpm
04	26 ÷ 40 l/min 6.9 ÷ 10.5 gpm
05	40 ÷ 70 l/min 10.5 ÷ 18.5 gpm

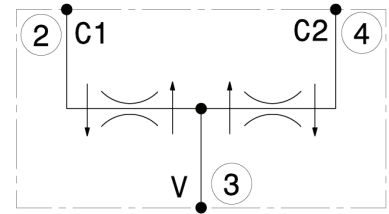
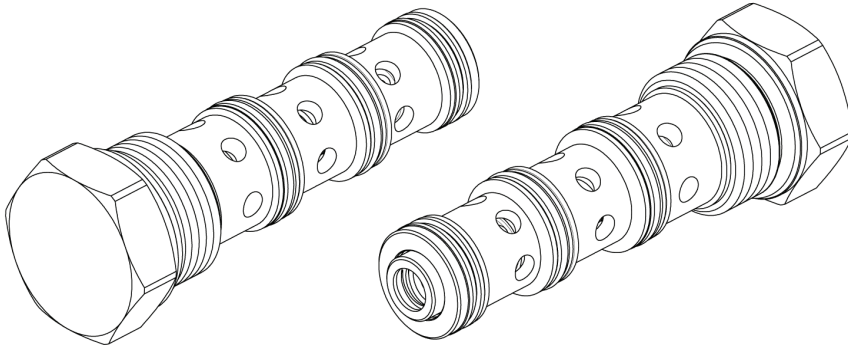


Sigla di ordinazione / Ordering code



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 The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Divisore – riunificatore di flusso a cartuccia  
 Flow divider combiner – cartridge type  
 mod. DFR-16-C

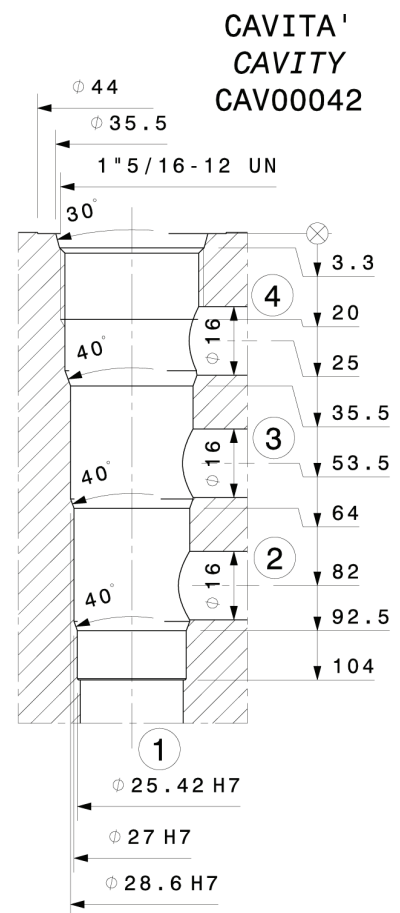
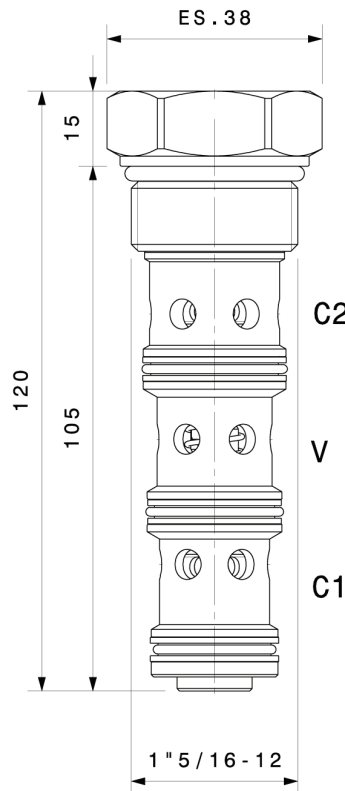


Portata massima Max flow	150 l/min 40 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	180 ÷ 210 Nm 135 ÷ 157 lbf ft

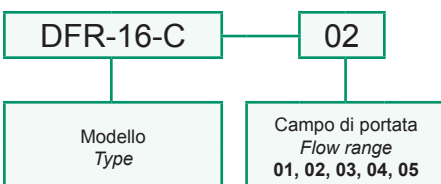
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Codice Code	Campo di portata Flow range
01	20 ÷ 32 l/min 5.3 ÷ 8.4 gpm
02	31 ÷ 50 l/min 8.2 ÷ 13 gpm
03	39 ÷ 64 l/min 10.3 ÷ 17 gpm
04	61 ÷ 100 l/min 16.1 ÷ 26 gpm
05	92 ÷ 150 l/min 24.3 ÷ 40 gpm

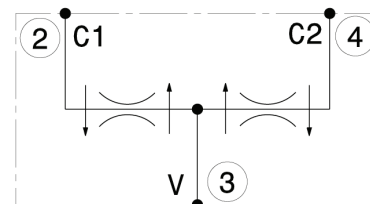
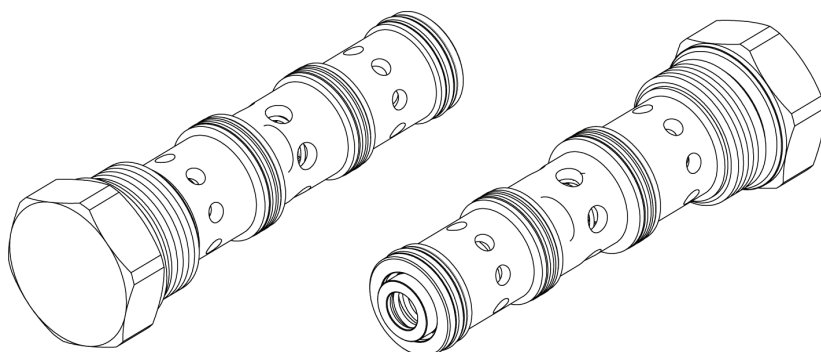


Sigla di ordinazione / Ordering code



I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
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Divisore – riunificatore di flusso a cartuccia  
 Flow divider combiner – cartridge type  
 mod. DFR-20-C

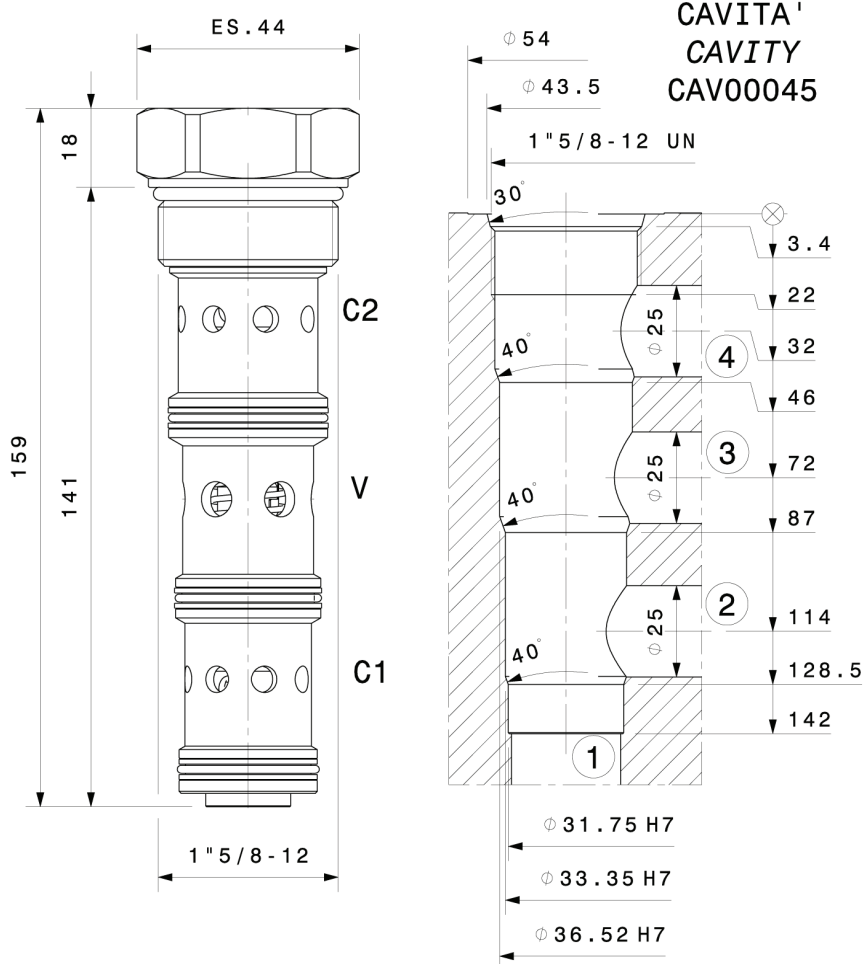


Portata massima Max flow	250 l/min 66 gpm
Pressione massima Max pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	240 ÷ 260 Nm 180 ÷ 195 lbf ft

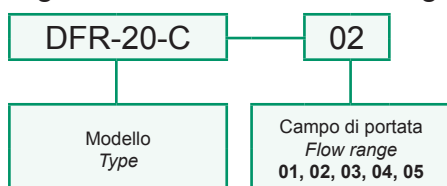
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Codice Code	Campo di portata Flow range
01	40 ÷ 70 l/min 10.5 ÷ 18.5 gpm
02	60 ÷ 100 l/min 16 ÷ 26 gpm
03	90 ÷ 140 l/min 24 ÷ 37 gpm
04	120 ÷ 200 l/min 32 ÷ 53 gpm
05	150 ÷ 250 l/min 40 ÷ 66 gpm



Sigla di ordinazione / Ordering code

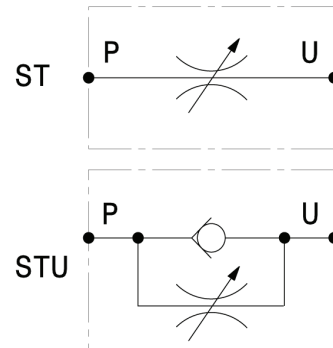
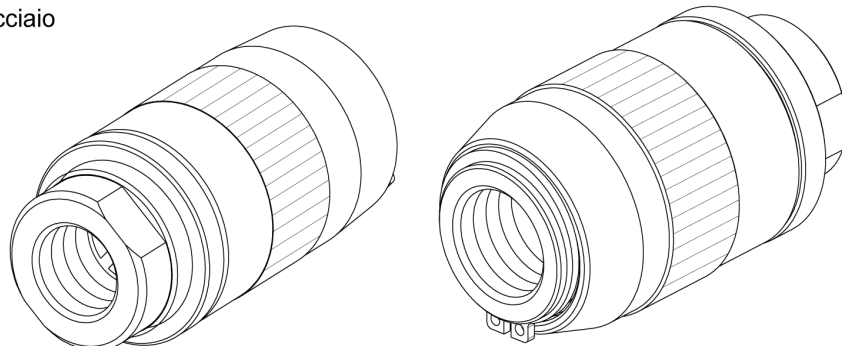


I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
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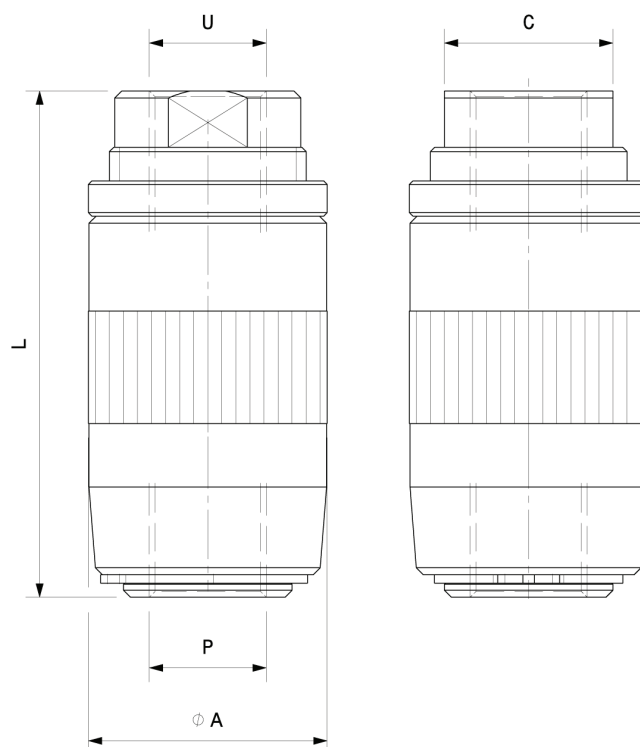


Strozzatore / Strozzatore unidirezionale  
 Needle valve / unidirectional needle valve  
 mod. ST / STU

Corpo in acciaio  
 Steel body



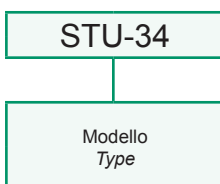
Modello Type	PU	A	L	C	Portata massima Max flow	Pressione max Max pressure
ST-14	1/4" GAS	27	61	17	25 l/min 6.6 gpm	350 bar 5000 psi
STU-14	1/4" GAS	27	61	17	25 l/min 6.6 gpm	350 bar 5000 psi
ST-38	3/8" GAS	34	72	24	40 l/min 10.5 gpm	350 bar 5000 psi
STU-38	3/8" GAS	34	72	24	40 l/min 10.5 gpm	350 bar 5000 psi
ST-12	1/2" GAS	40	72	27	60 l/min 16 gpm	350 bar 5000 psi
STU-12	1/2" GAS	40	72	27	60 l/min 16 gpm	350 bar 5000 psi
ST-34	3/4" GAS	50	100	32	120 l/min 32 gpm	350 bar 5000 psi
STU-34	3/4" GAS	50	100	32	120 l/min 32 gpm	350 bar 5000 psi
ST-10	1" GAS	60	115	41	200 l/min 53 gpm	300 bar 4300 psi
STU-10	1" GAS	60	115	41	200 l/min 53 gpm	300 bar 4300 psi



Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt  
 viscosity at 50°C

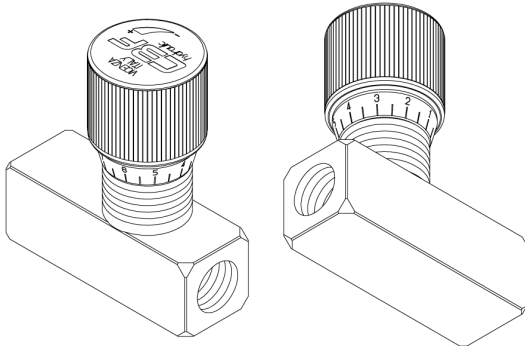
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Sigla di ordinazione / Ordering code

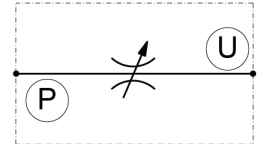


I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
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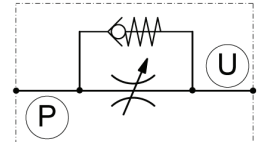
Strozzatore / Strozzatore unidirezionale  
 Needle valve / unidirectional needle valve  
 mod. SP / SPU



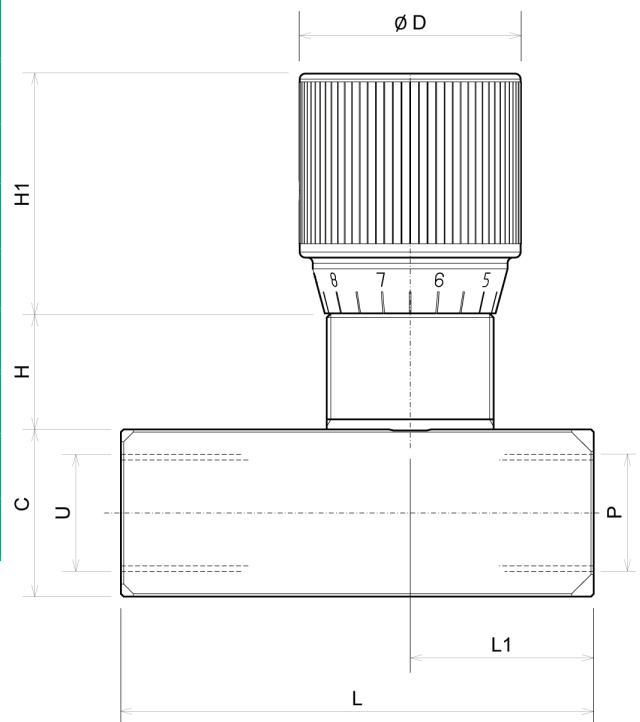
bidirezionale  
 bidirectional SP



unidirezionale  
 unidirectional SPU



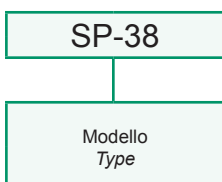
Modello Type	PU	C	L	L1	D	H	H1	Portata max Max flow	Pressione max Max pressure
SP-14	1/4" GAS	20	52	26	30	17	33	15 l/min 4 gpm	350 bar 5000 psi
SPU-14	1/4" GAS	20	66	26	30	17	33	15 l/min 4 gpm	350 bar 5000 psi
SP-38	3/8" GAS	25	60	30	35	20	35	30 l/min 8 gpm	350 bar 5000 psi
SPU-38	3/8" GAS	25	75	30	35	20	35	30 l/min 8 gpm	350 bar 5000 psi
SP-12	1/2" GAS	30	66	33	40	21	43	45 l/min 12 gpm	350 bar 5000 psi
SPU-12	1/2" GAS	30	85	33	40	21	43	45 l/min 12 gpm	350 bar 5000 psi
SP-34	3/4" GAS	40	92	46	50	25	48	85 l/min 22 gpm	350 bar 5000 psi
SPU-34	3/4" GAS	40	110	46	50	25	48	85 l/min 22 gpm	350 bar 5000 psi



Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil  
 with 30 cSt viscosity at 50°C

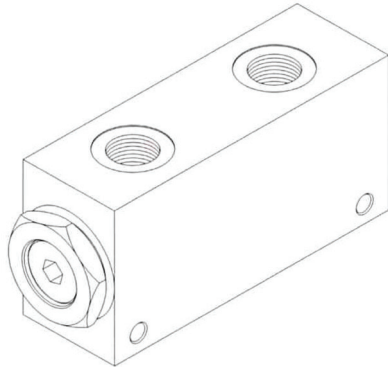
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Sigla di ordinazione / Ordering code

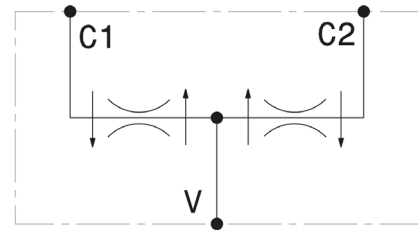


I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
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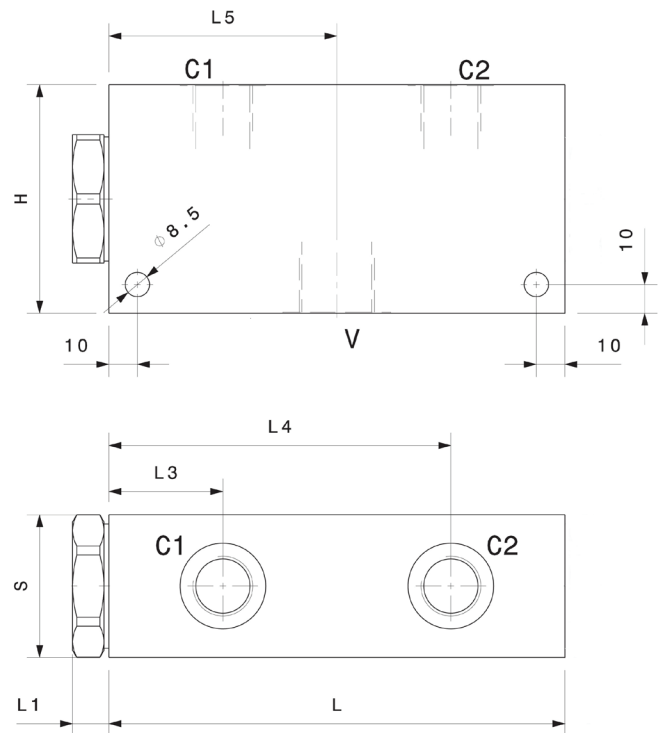
Divisore – riunificatore di flusso  
*Flow divider combiner*  
 mod. DFR



Corpo in alluminio  
*Aluminium body*



Codice Code	DFR-38 q	DFR-12 q
01	3 ÷ 6 l/min 0.8 ÷ 1.6 gpm	-
02	7 ÷ 12 l/min 1.8 ÷ 3.2 gpm	-
03	13 ÷ 25 l/min 3.5 ÷ 6.6 gpm	-
04	-	26 ÷ 40 l/min 6.9 ÷ 10.5 gpm
05	-	40 ÷ 70 l/min 10.5 ÷ 18.5 gpm

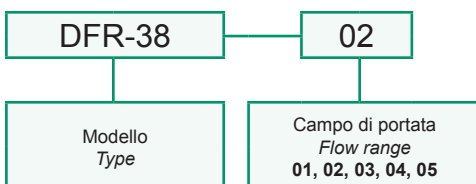


Codice Code	DFR-38	DFR-12
Pressione max Max pressure	300 bar 4300 psi	300 bar 4300 psi

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

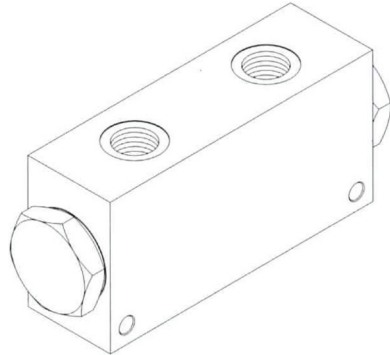
Sigla di ordinazione / Ordering code



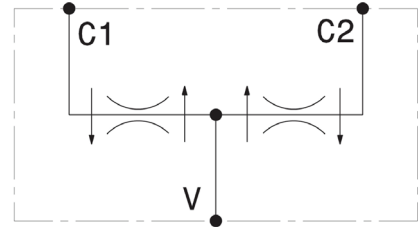
Modello Type	L	L1	L2	L3	L4	L5	H	s	V	C1,C2	Pressione max Max pressure
DFR-38	120	8	-	27	90	53	60	40	3/8" GAS	3/8" GAS	300 bar 4300 psi
DFR-12	120	8	-	27	90	54	60	40	1/2" GAS	3/8" GAS	300 bar 4300 psi

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

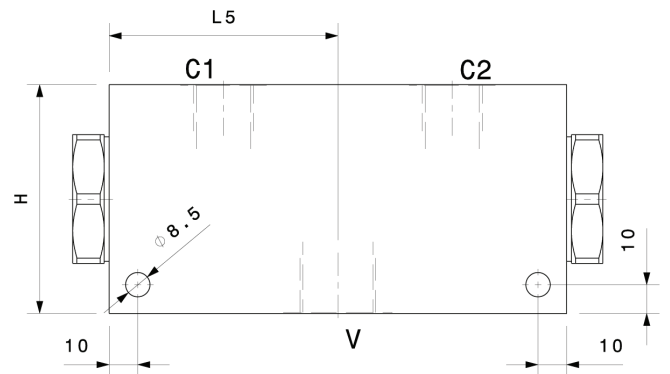
Divisore – riunificatore di flusso  
*Flow divider combiner*  
 mod. DFR



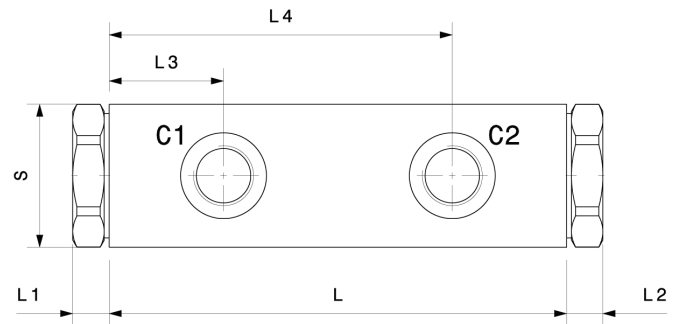
Corpo in alluminio  
*Aluminium body*



Codice Code	DFR-34 Q	DFR-10 Q
06	60 ÷ 95 l/min 16 ÷ 25 gpm	60 ÷ 95 l/min 16 ÷ 25 gpm
07	90 ÷ 150 l/min 24 ÷ 40 gpm	90 ÷ 150 l/min 24 ÷ 40 gpm



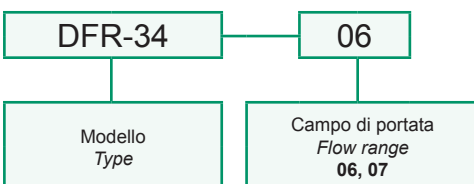
Codice Code	DFR-34	DFR-10
Pressione max Max pressure	250 bar 3600 psi	250 bar 3600 psi



Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

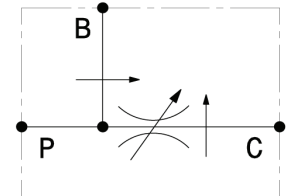
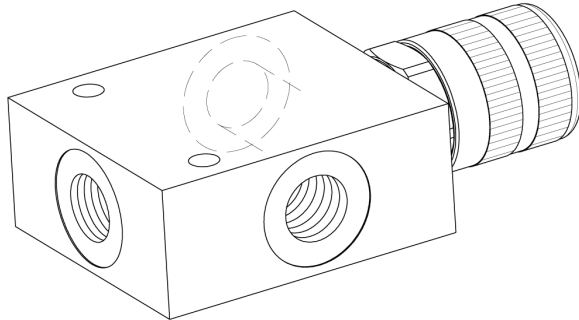
Sigla di ordinazione / Ordering code



Modello Type	L	L1	L2	L3	L4	L5	H	S	V	C1,C2	Pressione max Max pressure
DFR-34	160	13	13	40	120	80	80	50	3/4" GAS	1/2" GAS	250 bar 3600 psi
DFR-10	160	13	13	40	120	80	80	50	1" GAS	3/4" GAS	250 bar 3600 psi

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Valvola regolatrice di flusso compensata, tre vie  
 3 ways, pressure compensated flow regulator valve  
 mod. RFP-50



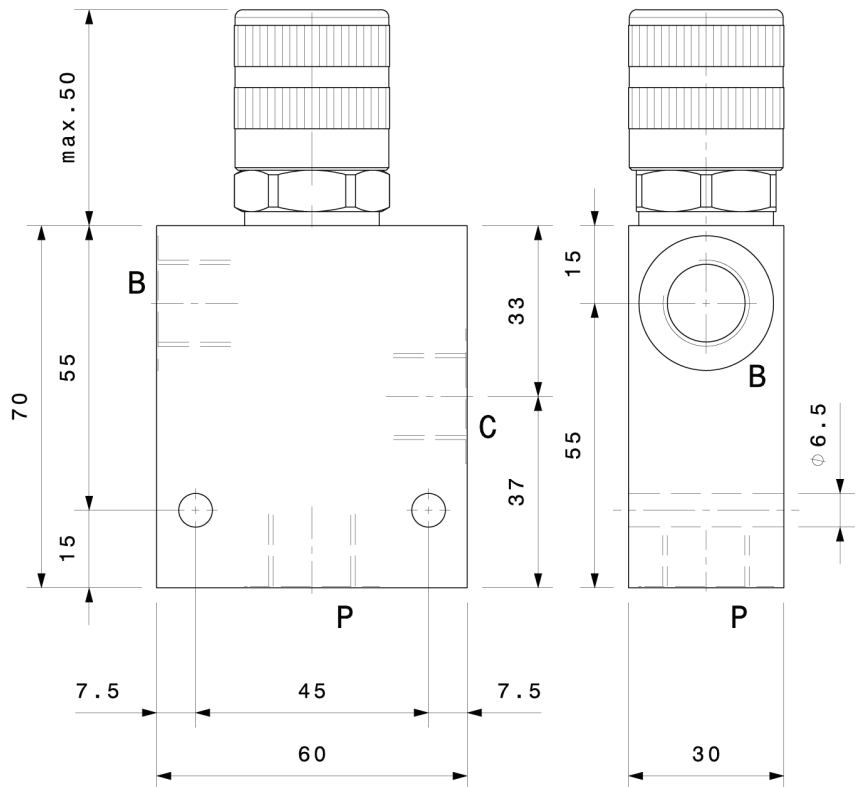
Corpo in alluminio  
 Aluminium body

Portata massima Max flow	40 l/min 10.5 gpm
Portata regolata Regulated flow	0 ÷ 25 l/min 0 ÷ 6.6 gpm
Pressione massima Max pressure	300 bar 4300 psi

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Modello Type	C, B, P
<b>RFP50-38</b>	3/8" GAS
<b>RFP50-12</b>	1/2" GAS



Regolazioni  
Adjustments

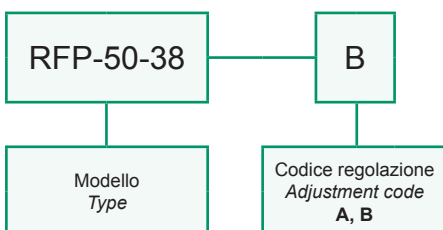
**A**

Manopola con vite di bloccaggio  
Handknob with locking screw

**B**

Manopola  
Handknob

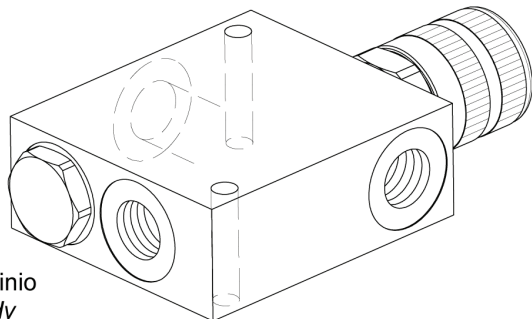
Sigla di ordinazione / Ordering code



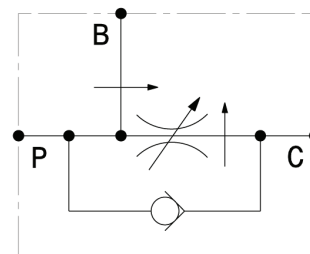
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata con valvola di non ritorno, tre vie  
 3 ways, pressure compensated flow regulator valve with check valve

mod. RFP-50-VU



Corpo in alluminio  
 Aluminium body



Portata massima Max flow	40 l/min 10.5 gpm
Portata regolata Regulated flow	0 ÷ 25 l/min 0 ÷ 6.6 gpm
Pressione massima Max pressure	300 bar 4300 psi

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C	
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Modello Type	C, B, P	L
RFP50-38-VU	3/8" GAS	44
RFP50-12-VU	1/2" GAS	46

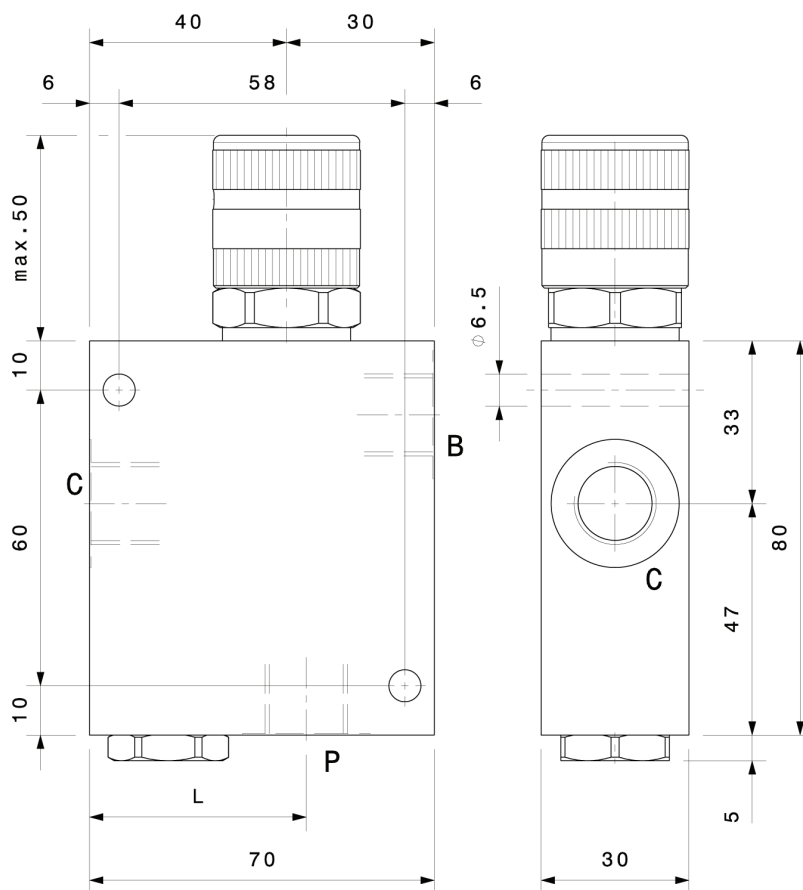
**Regolazioni / Adjustments**

**A**

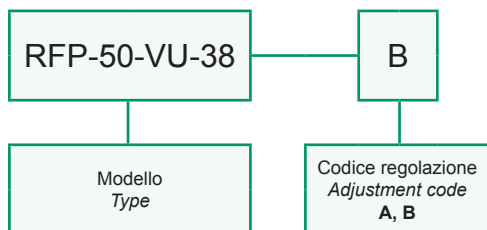
Manopola con vite di bloccaggio  
Handknob with locking screw

**B**

Manopola  
Handknob

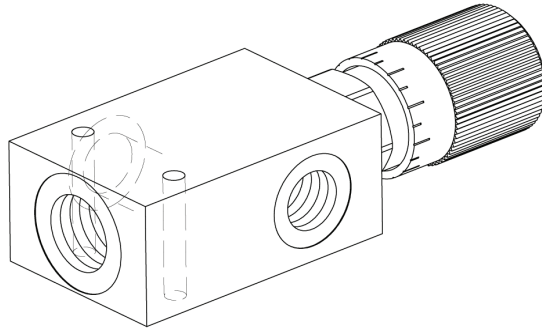


Sigla di ordinazione / Ordering code

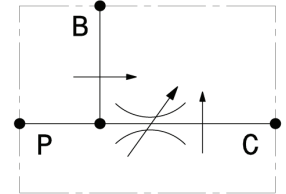


I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata, tre vie  
 3 ways, pressure compensated flow regulator valve  
 mod. RFP-90



Corpo in alluminio  
 Aluminium body



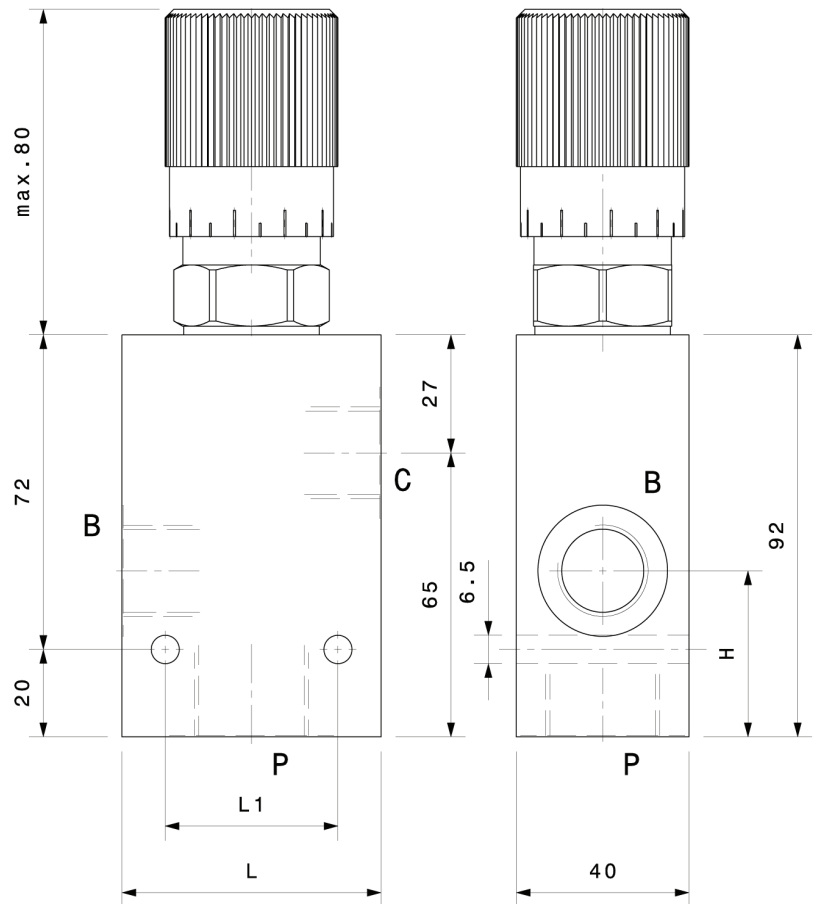
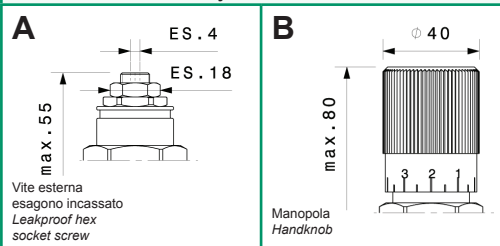
Portata massima Max flow	90 l/min 24 gpm
Portata regolata Regulated flow	2 ÷ 50 l/min 0.5 ÷ 13 gpm
Pressione massima Max pressure	300 bar 4300 psi

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

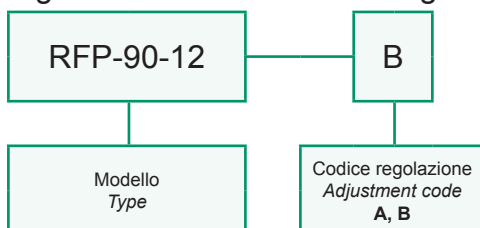
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Modello Type	P	C, B	L	L1	H
RFP90-12	3/4" GAS	1/2" GAS	60	40	38
RFP90-34	3/4" GAS	3/4" GAS	70	45	40

Regolazioni  
 Adjustments



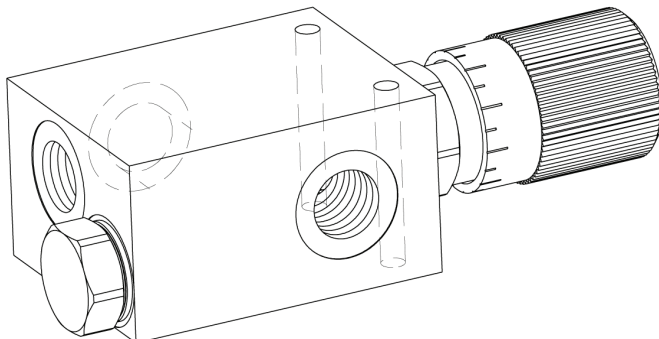
Sigla di ordinazione / Ordering code



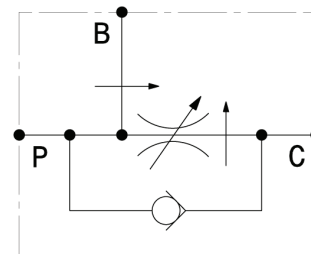
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata con valvola di non ritorno, tre vie  
 3 ways, pressure compensated flow regulator valve with check valve

mod. RFP-90-VU



Corpo in alluminio  
 Aluminium body



Portata massima Max flow	90 l/min 24 gpm
Portata regolata Regulated flow	2 ÷ 50 l/min 0.5 ÷ 13 gpm
Pressione massima Max pressure	300 bar 4300 psi

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Modello Type	P	C, B	L	H
RFP90-VU-12	1/2" GAS	1/2" GAS	28	38
RFP90-VU-34	3/4" GAS	3/4" GAS	22	41

Regolazioni  
Adjustments

**A**

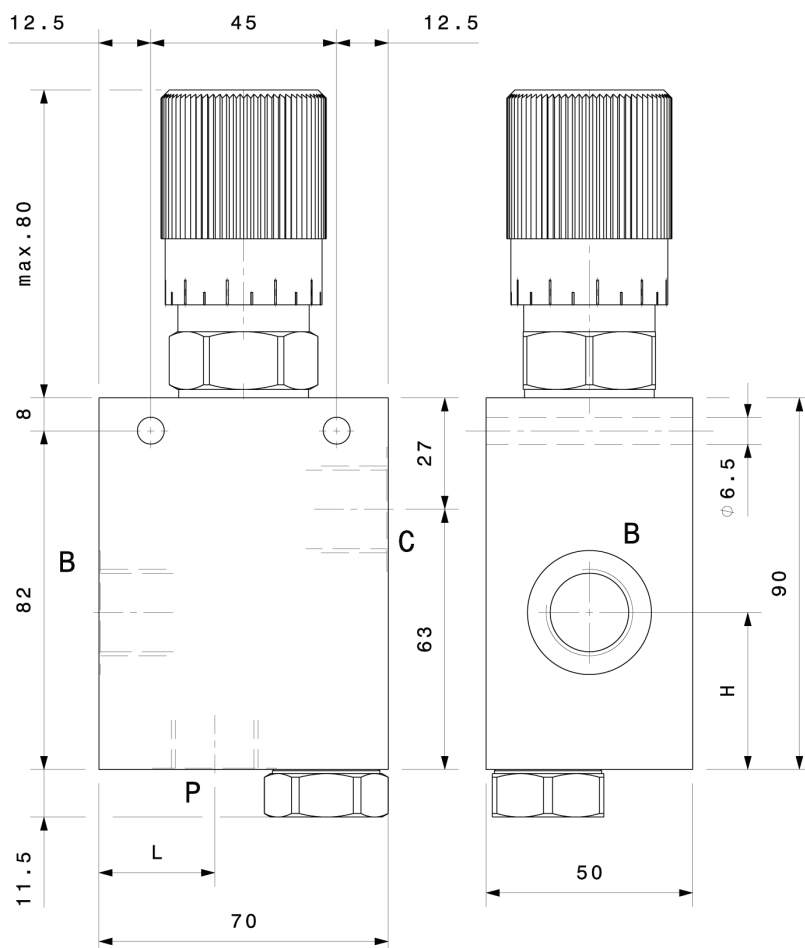
ES. 4  
ES. 18  
max. 55

Vite esterna esagono incassato  
Leakproof hex socket screw

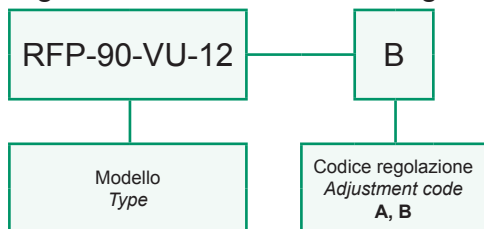
**B**

max. 80  
Ø 40

Manopac Handknob



Sigla di ordinazione / Ordering code

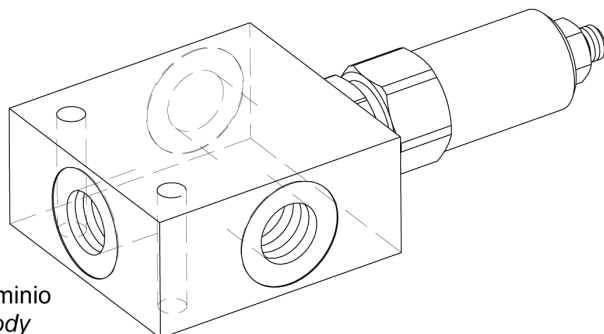


I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, CBF reserves the right to introduce modifications without notice.

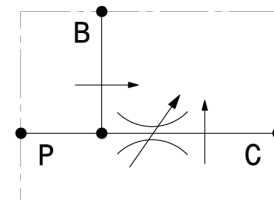


Valvola regolatrice di flusso compensata, tre vie  
3 ways, pressure compensated flow regulator valve

mod. RF-3



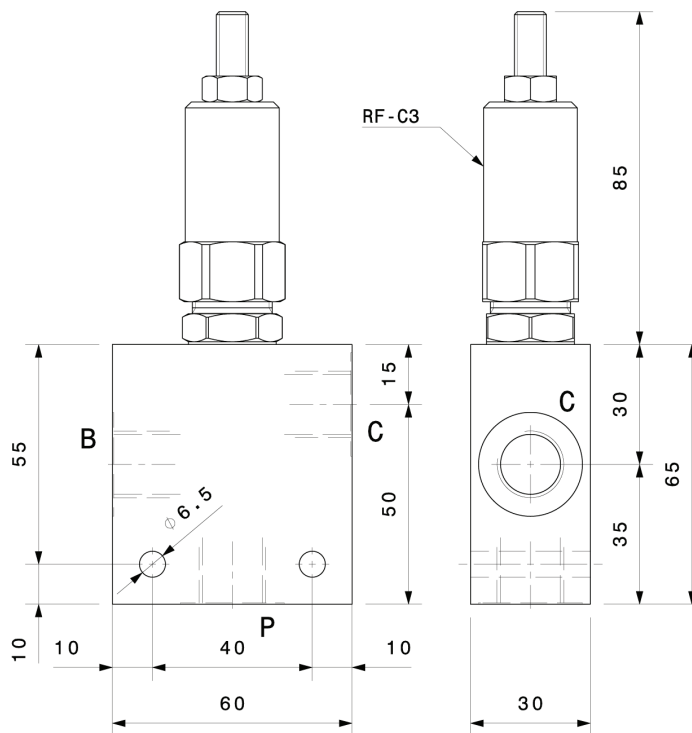
Corpo in alluminio  
Aluminium body



Modello Type	P, B, C	Pressione max. Max. pressure	Portata max Max. flow
RF-3-38	3/8" GAS	300 bar 4300 psi	40 l/min 10.5 gpm
RF-3-12	1/2" GAS	300 bar 4300 psi	40 l/min 10.5 gpm

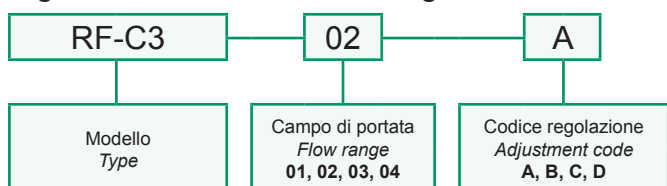
Codice Code	Campo di portata Flow range
01	2 ÷ 6 l/min 0.5 ÷ 1.6 gpm
02	5 ÷ 10 l/min 1.3 ÷ 2.7 gpm
03	10 ÷ 18 l/min 2.7 ÷ 4.8 gpm
04	20 ÷ 35 l/min 5.3 ÷ 9 gpm

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C	
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ



Regolazioni Adjustments			
<b>A</b>  Vite esterna esagono incassato Leakproof hex socket screw	<b>B</b>  Volantino e dado Handknob and locknut	<b>C</b>  Piombatura Sealing cap	<b>D</b>  Cappello Cap

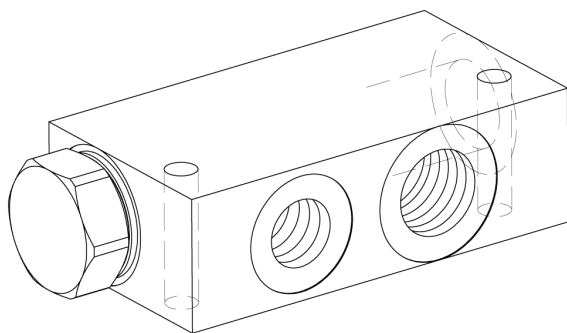
Sigla di ordinazione / Ordering code



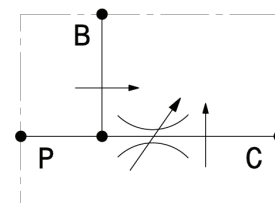
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata, tre vie - acciaio  
 3 ways, pressure compensated flow regulator valve - steel

mod. RFP-38



Corpo in acciaio  
 Steel body

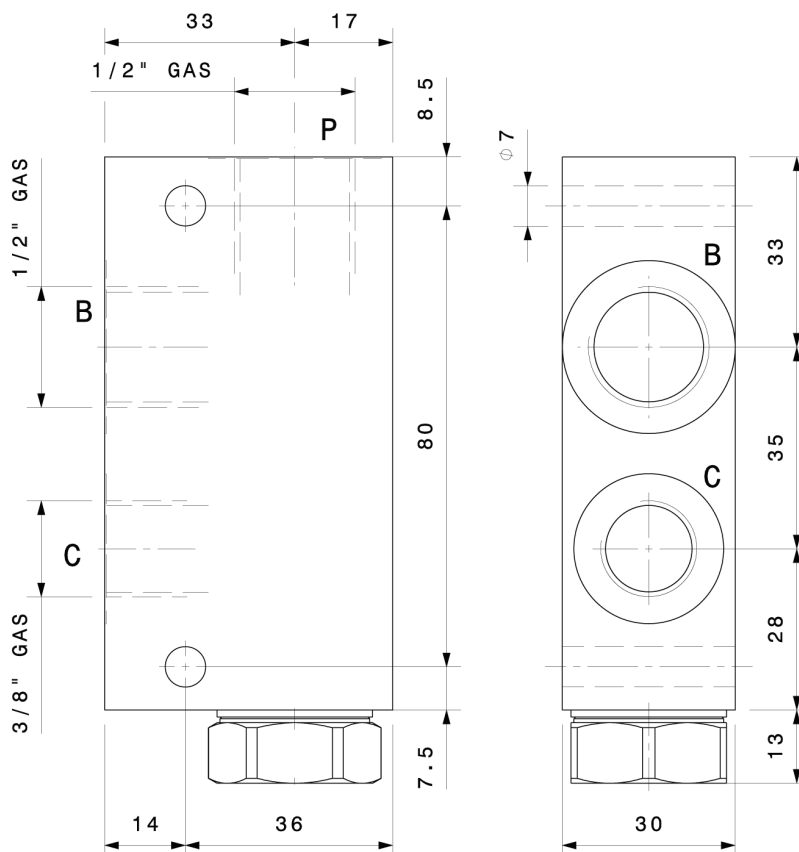


Portata massima Max flow	70 l/min 18.5 gpm
Pressione massima Max pressure	350 bar 5000 psi

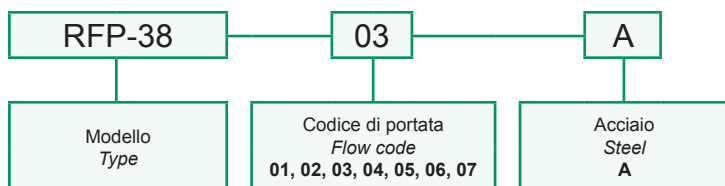
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Codice portata Flow code	Portata regolata Regulated flow	Foro Hole mm
01	1,5 l/min 0.4 gpm	1
02	4 l/min 1 gpm	1,5
03	6 l/min 1.6 gpm	2
04	9 l/min 2.4 gpm	2,5
05	12 l/min 3.2 gpm	3
06	15 l/min 4 gpm	3,5
07	20 l/min 5.3 gpm	4



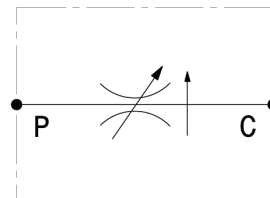
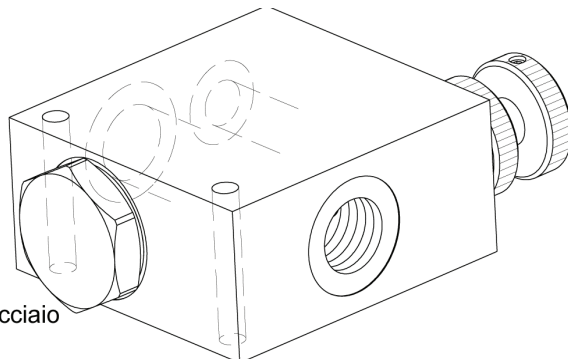
Sigla di ordinazione / Ordering code



I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
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Valvola regolatrice di flusso compensata, due vie  
 2 ways, pressure compensated flow regulator valve

mod. RF-A2



Versione con corpo in alluminio o in acciaio  
 Aluminium or steel body version

Modello Type	P, C	Portata max Max flow	Pressione max Max pressure
RF-A2-38	3/8" GAS	45 l/min 12 gpm	270 bar 3900 psi
RF-A2-12	1/2" GAS	60 l/min 16 gpm	270 bar 3900 psi
RF-A2-34	3/4" GAS	90 l/min 24 gpm	270 bar 3900 psi
RF-A2-10	1" GAS	190 l/min 50 gpm	270 bar 3900 psi

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Regolazioni  
Adjustments

**A**

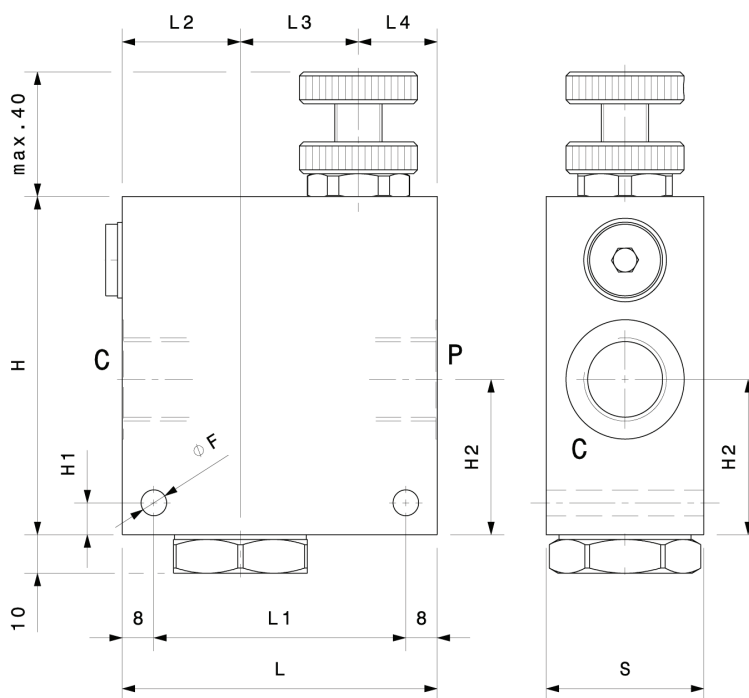
Volantino  
Handknob

**B**

Vite esterna  
esagono incassato  
Leakproof hex  
socket screw

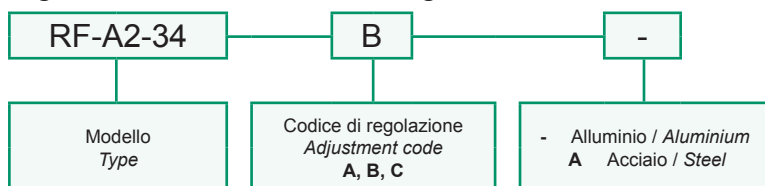
**C**

Manopola  
Handknob



Modello Type	L	L1	L2	L3	L4	H	H1	H2	F	S
RF-A2-38	80	64	30	30	20	85	8	39	6.5	40
RF-A2-12	80	64	30	30	20	85	8	39	6.5	40
RF-A2-34	100	84	35	40	25	100	10	44	8.5	50
RF-A2-10	100	84	40	35	25	100	10	44	8.5	50

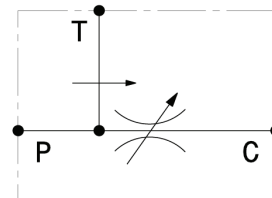
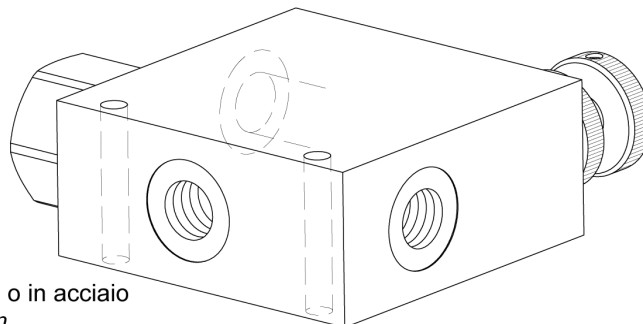
Sigla di ordinazione / Ordering code



I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
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Valvola regolatrice di flusso compensata, tre vie  
3 ways, pressure compensated flow regulator valve

mod. RF-A

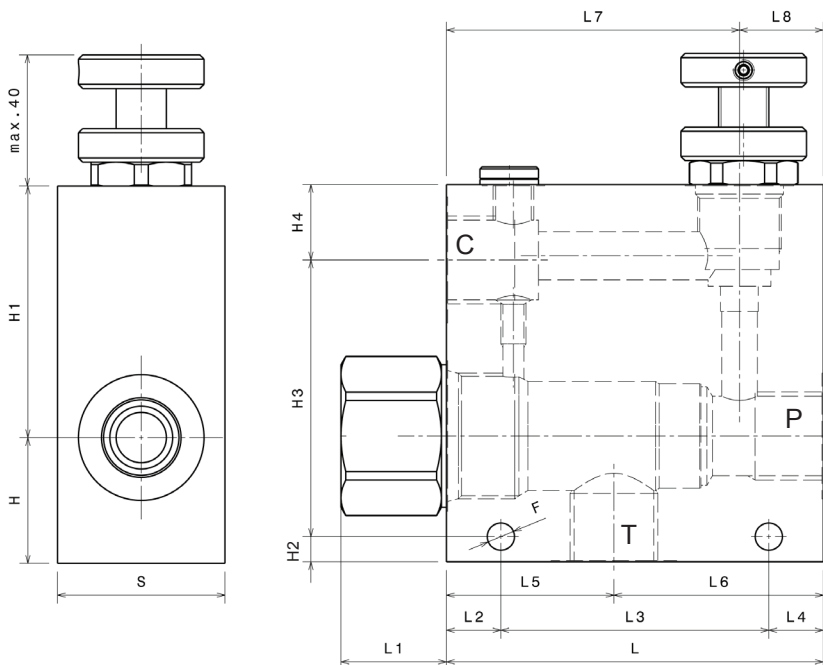


Versione con corpo in alluminio o in acciaio  
Aluminium or steel body version

Modello Type	P, C, T	Portata max Max flow		Pressione max Max pressure
		Ingresso Inflow P	Regolata Regulated C	
RF-A-38	3/8" GAS	60 l/min 16 gpm	35 l/min 9 gpm	270 bar 3900 psi
RF-A-12	1/2" GAS	100 l/min 26 gpm	65 l/min 17 gpm	270 bar 3900 psi
RF-A-34	3/4" GAS	150 l/min 40 gpm	90 l/min 24 gpm	270 bar 3900 psi

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ



**Regolazioni  
Adjustments**

**A**

Volantino  
Handknob

**B**

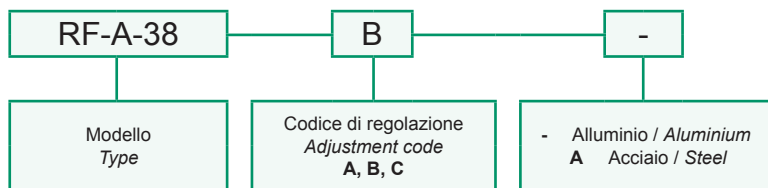
Vite esterna  
esagono incassato  
Leakproof hex  
socket screw

**C**

Manopola  
Handknob

Modello Type	L	L1	L2	L3	L4	L5	L6	L7	L8	H	H1	H2	H3	H4	F	S
RF-A-38	90	25	13	64	13	40	50	70	20	30	60	6	66	18	6.5	40
RF-A-12	90	25	13	64	13	40	50	70	20	30	60	6	66	18	6.5	40
RF-A-34	110	34	11	88	11	45	65	83	27	37	73	7	80	23	8.5	50

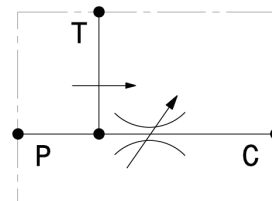
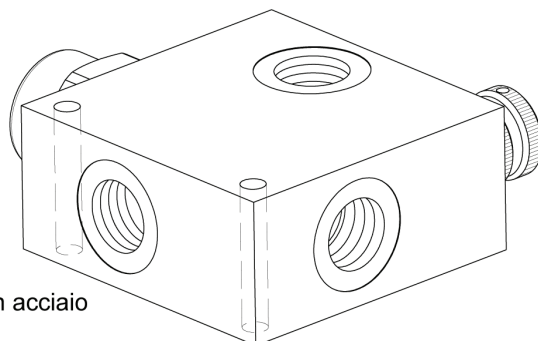
Sigla di ordinazione / Ordering code



I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
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Valvola regolatrice di flusso compensata, tre vie  
 3 ways, pressure compensated flow regulator valve

mod. RF-A-10

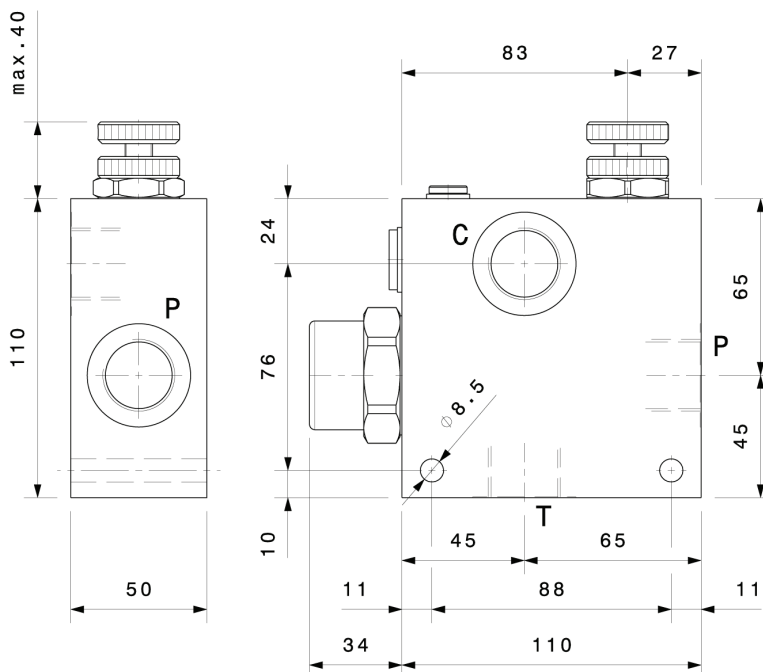


Versione con corpo in alluminio o in acciaio  
 Aluminium or steel body version

Modello Type	P, C, T	Portata max Max flow		Pressione max Max pressure
		Ingresso Inflow P	Regolata Regulated C	
RF-A-10	1" GAS	280 l/min 74 gpm	190 l/min 50 gpm	270 bar 3900 psi

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ



**Regolazioni  
Adjustments**

**A**

Volantino  
Handknob

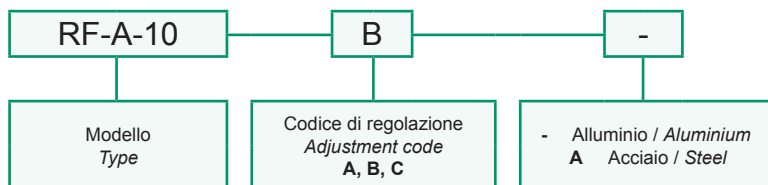
**B**

Vite esterna  
esagono incassato  
Leakproof hex  
socket screw

**C**

Manopola  
Handknob

Sigla di ordinazione / Ordering code



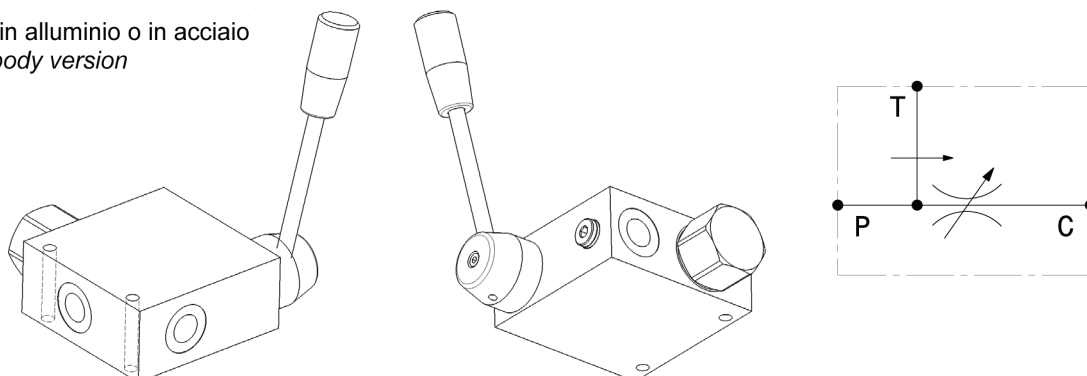
Aggiornato il: 26/06/2012

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata, tre vie, regolazione a leva  
 3 ways, pressure compensated flow regulator valve, lever operated

mod. RF-A-L

Versione con corpo in alluminio o in acciaio  
 Aluminium or steel body version

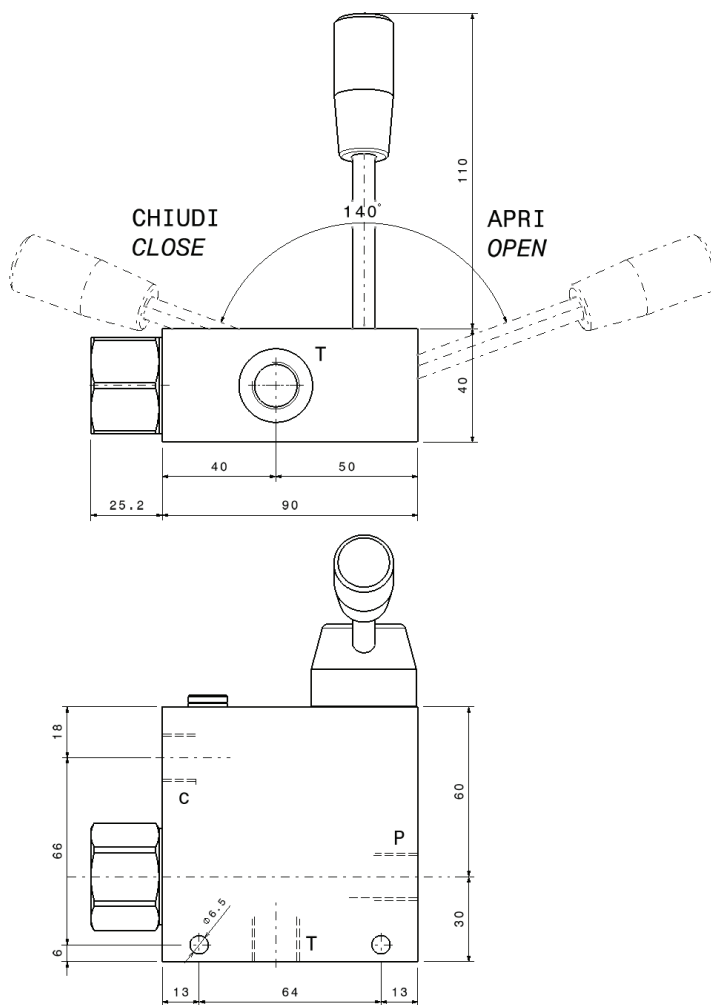


Modello Type	P, C, T	Portata max Max flow		Pressione max Max pressure
		Ingresso Inflow P	Regolata Regulated C	
RF-A-38-L	3/8" GAS	60 l/min 16 gpm	Vedi tabella See table	270 bar 3900 psi
RF-A-12-L	1/2" GAS	100 l/min 26 gpm	Vedi tabella See table	270 bar 3900 psi

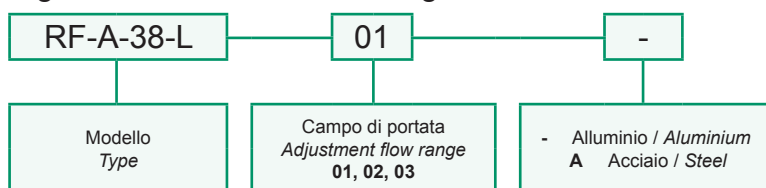
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Campi di portata Flow range	
01	0 ÷ 10 l/min 0 ÷ 2.7 gpm
02	0 ÷ 20 l/min 0 ÷ 5.3 gpm
03	0 ÷ 40 l/min 0 ÷ 10.5 gpm



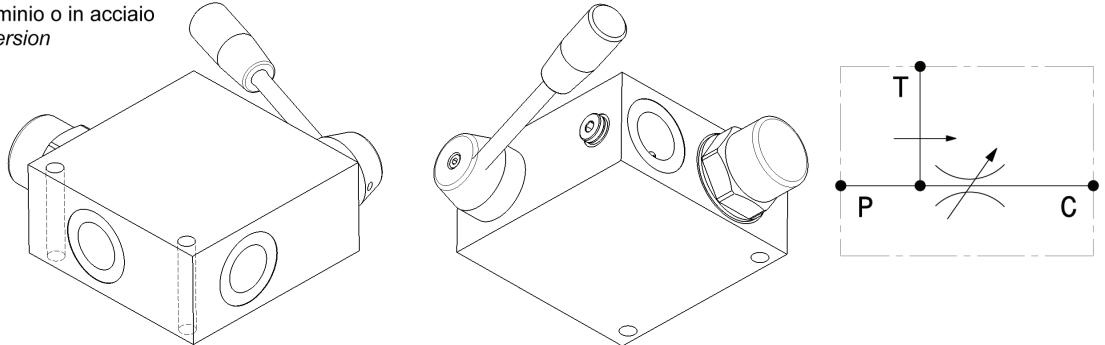
Sigla di ordinazione / Ordering code



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Valvola regolatrice di flusso compensata, tre vie, regolazione a leva  
 3 ways, pressure compensated flow regulator valve, lever operated  
 mod. RF-A-34-L

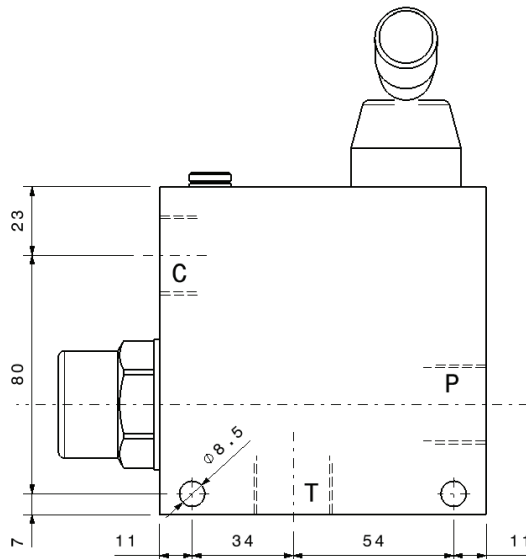
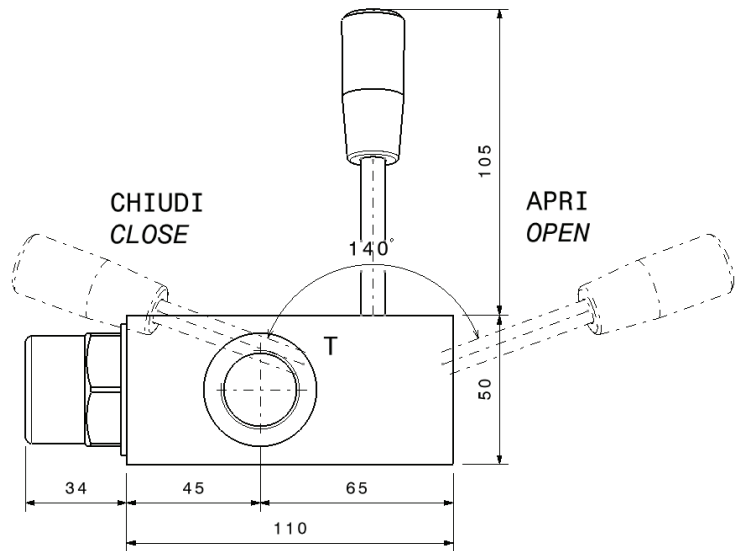
Versione con corpo in alluminio o in acciaio  
 Aluminium or steel body version



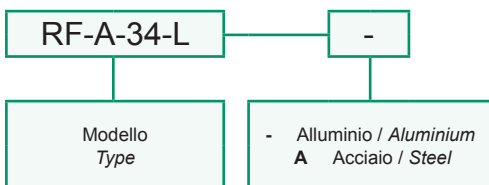
Modello Type	P, C, T	Portata max Max flow		Pressione max Max pressure
		Ingresso Inflow P	Regolata Regulated C	
RF-A-34-L	3/4" GAS	150 l/min 40 gpm	90 l/min 24 gpm	270 bar 3900 psi

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

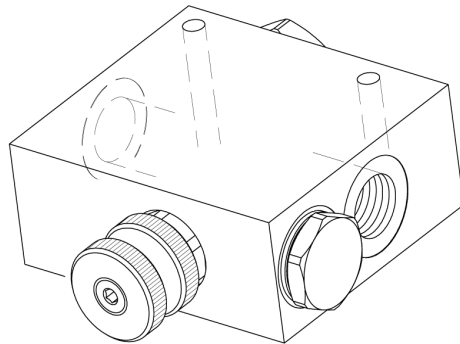


Sigla di ordinazione / Ordering code

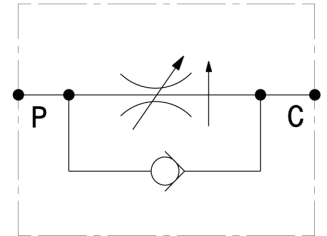


I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
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Valvola regolatrice di flusso compensata due vie con valvola di non ritorno  
 2 ways, pressure compensated flow regulator valve with check valve  
 mod. RF-A2-VU



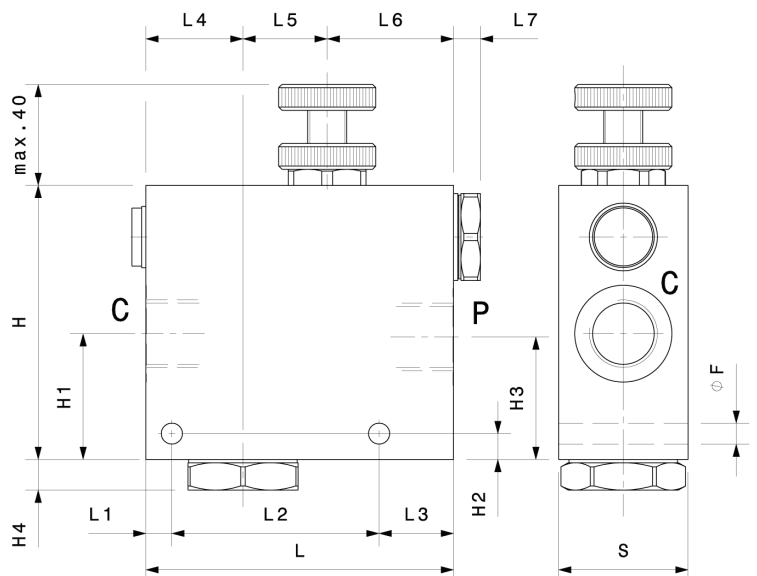
Corpo in alluminio  
 Aluminium body



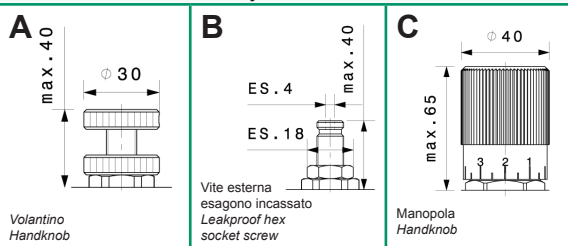
Modello Type	P, C	Portata max Max flow	Pressione max Max pressure
RF-A2-VU-38	3/8" GAS	45 l/min 12 gpm	270 bar 3900 psi
RF-A2-VU-12	1/2" GAS	60 l/min 16 gpm	270 bar 3900 psi
RF-A2-VU-34	3/4" GAS	90 l/min 24 gpm	270 bar 3900 psi
RF-A2-VU-10	1" GAS	190 l/min 50 gpm	270 bar 3900 psi

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

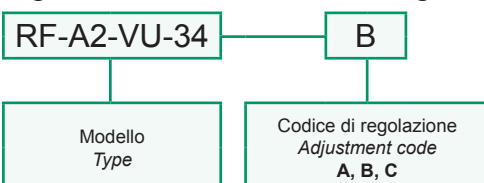


Regolazioni  
 Adjustments



Modello Type	L	H	S	L1	L2	L3	L4	L5	L6	L7	H1	H2	H3	H4	F
RF2VU38	95	85	40	8	64	23	30	26	39	6	39	8	39	10	6.5
RF2VU12	95	85	40	8	64	23	30	26	39	8	39	8	39	10	6.5
RF2VU34	130	100	50	10	110	10	40	35	55	4	44	11	44	10	8.5
RF2VU10	145	110	50	10	80	55	40	40	65	5	44	8	47	10	8.5

Sigla di ordinazione / Ordering code

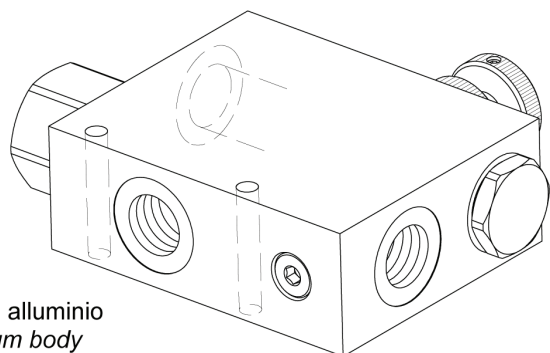


I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
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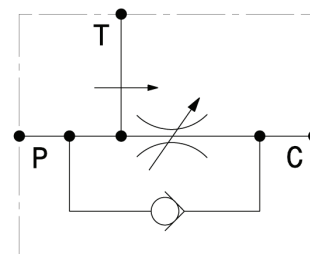


Valvola regolatrice di flusso compensata tre vie con valvola di non ritorno  
 3 ways, pressure compensated flow regulator valve with check valve

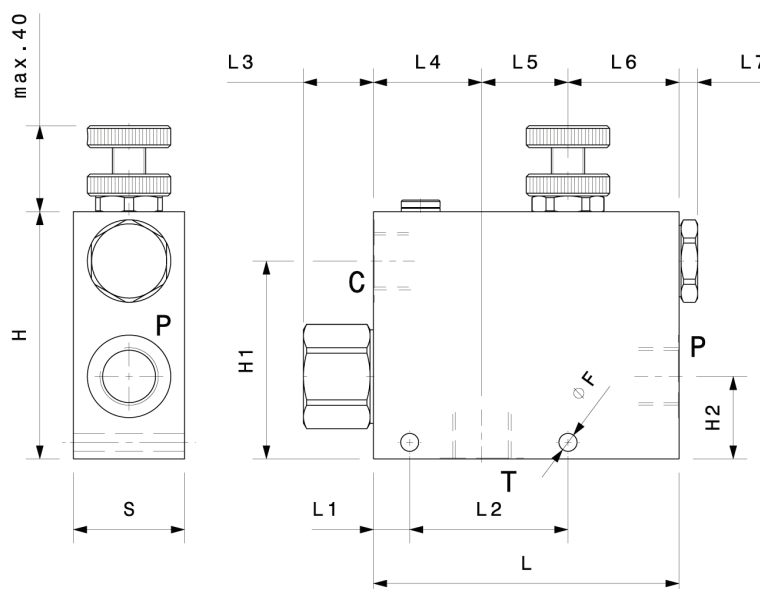
mod. RF-A-VU



Corpo in alluminio  
 Aluminium body



Modello Type	P, C, T	Portata max Max flow		Pressione max Max pressure
		Ingresso Inflow P	Regolata Regulated C	
RF-A-VU-38	3/8" GAS	60 l/min 16 gpm	35 l/min 9 gpm	270 bar 3900 psi
RF-A-VU-12	1/2" GAS	100 l/min 26 gpm	65 l/min 17 gpm	270 bar 3900 psi
RF-A-VU-34	3/4" GAS	150 l/min 40 gpm	90 l/min 24 gpm	270 bar 3900 psi
RF-A-VU-10	1" GAS	280 l/min 74 gpm	190 l/min 50 gpm	270 bar 3900 psi



Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Regolazioni  
 Adjustments

**A**

Volantino  
Handknob

**B**

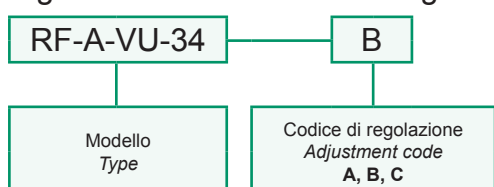
Vite esterna  
esagono incassato  
Leakproof hex  
socket screw

**C**

Manopola  
Handknob

Modello Type	L	L1	L2	L3	L4	L5	L6	L7	H	H1	H2	F	S
RF-A-VU-38	110	13	57	25	39	31	40	7	90	72	30	6.5	40
RF-A-VU-12	110	13	57	25	39	31	40	7	90	72	30	6.5	40
RF-A-VU-34	130	10	70	34	45	35	50	19	110	87	35	8.5	50
RF-A-VU-10	130	10	70	34	45	35	50	19	120	97	45	8.5	50

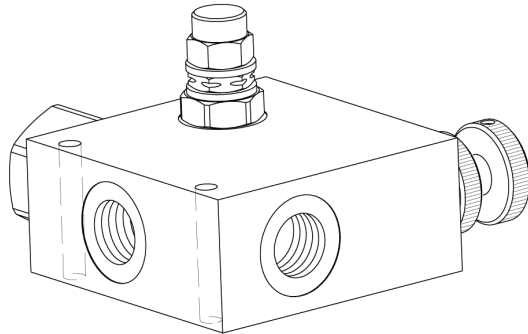
Sigla di ordinazione / Ordering code



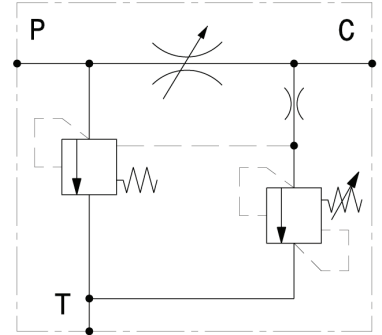
I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
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Valvola regolatrice di flusso compensata tre vie con valvola limitatrice di pressione  
 3 ways, pressure compensated flow regulator valve with relief valve

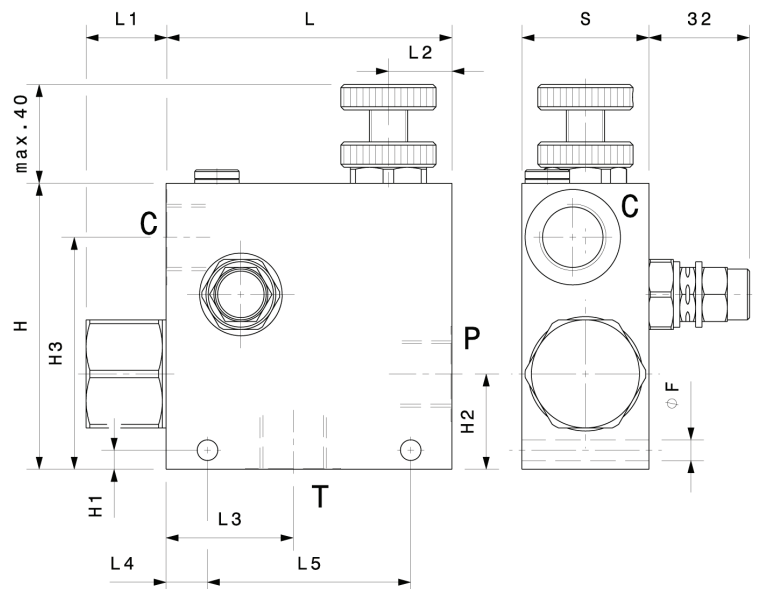
mod. RF-A-VLP10



Corpo in alluminio  
 Aluminium body



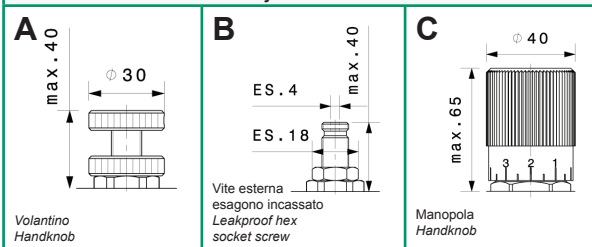
Modello Type	P, C, T	Portata max Max flow		Pressione max Max pressure
		Ingresso Inflow P	Regolata Regulated C	
RF-A-VLP10-38	3/8" GAS	60 l/min 16 gpm	35 l/min 9 gpm	270 bar 3900 psi
RF-A-VLP10-12	1/2" GAS	100 l/min 26 gpm	65 l/min 17 gpm	270 bar 3900 psi
RF-A-VLP10-34	3/4" GAS	150 l/min 40 gpm	90 l/min 24 gpm	270 bar 3900 psi
RF-A-VLP10-10	1" GAS	280 l/min 74 gpm	190 l/min 50 gpm	270 bar 3900 psi



Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

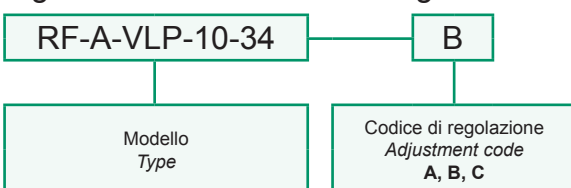
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Regolazioni  
 Adjustments



Modello Type	L	H	S	L1	L2	L3	L4	L5	H1	H2	H3	F
RFAVLP10-38	90	90	40	26	20	39	13	64	6	30	72	6.5
RFAVLP10-12	90	90	40	26	20	39	13	64	6	30	72	6.5
RFAVLP10-34	110	110	50	35	30	45	11	88	7	45	87	8.5
RFAVLP10-10	110	110	50	35	30	45	11	88	7	40	87	8.5

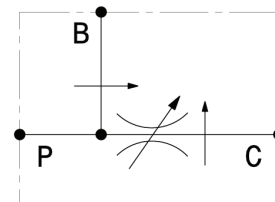
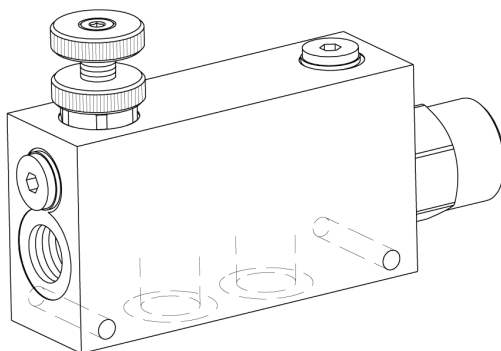
Sigla di ordinazione / Ordering code



I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata tre vie  
3 ways, pressure compensated flow regulator valve

mod. RFP-A

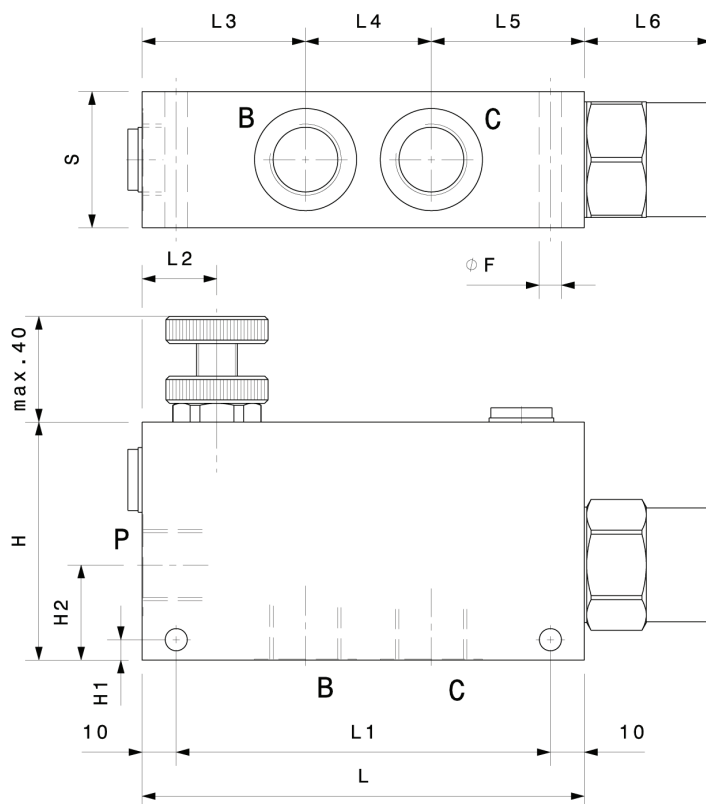


Versione con corpo in alluminio o in acciaio  
Aluminium or steel body version

Modello Type	P, B, C	Portata max Max flow		Pressione max Max pressure
		Ingresso Inflow P	Regolata Regulated C	
RFP-A-38	3/8" GAS	60 l/min 16 gpm	35 l/min 9 gpm	270 bar 3900 psi
RFP-A-12	1/2" GAS	100 l/min 26 gpm	65 l/min 17 gpm	270 bar 3900 psi
RFP-A-34	3/4" GAS	150 l/min 40 gpm	90 l/min 24 gpm	270 bar 3900 psi
RFP-A-10	1" GAS	280 l/min 74 gpm	190 l/min 50 gpm	270 bar 3900 psi

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ



**Regolazioni Adjustments**

**A**

Volantino Handknob

**B**

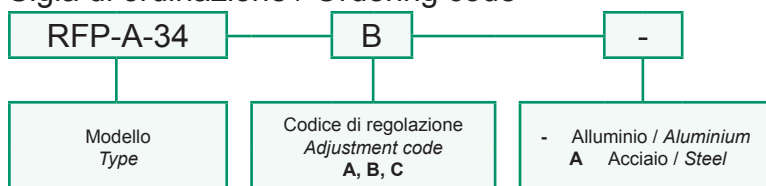
Vite esterna esagono incassato Leakproof hex socket screw

**C**

Manopola Handknob

Modello Type	L	L1	L2	L3	L4	L5	L6	H	H1	H2	F	S
RFP-A-38	130	110	22	48	37	45	38	70	6	28	6.5	40
RFP-A-12	130	110	22	48	37	45	38	70	6	28	6.5	40
RFP-A-34	155	135	25	57	44	54	35	90	8	35	8.5	50
RFP-A-10	150	130	27	48	54	48	55	130	10	65	8.5	60

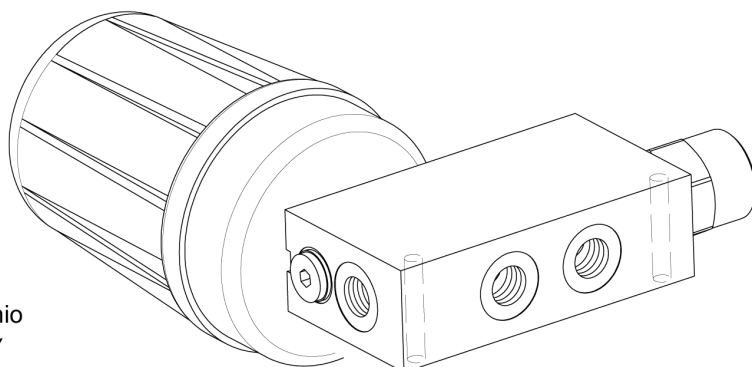
Sigla di ordinazione / Ordering code



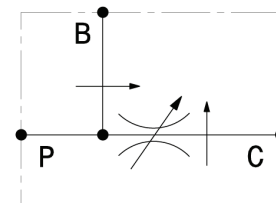
I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata tre vie con comando elettrico  
 3 ways, pressure compensated flow regulator valve with electric drive

mod. RFP-A-CE



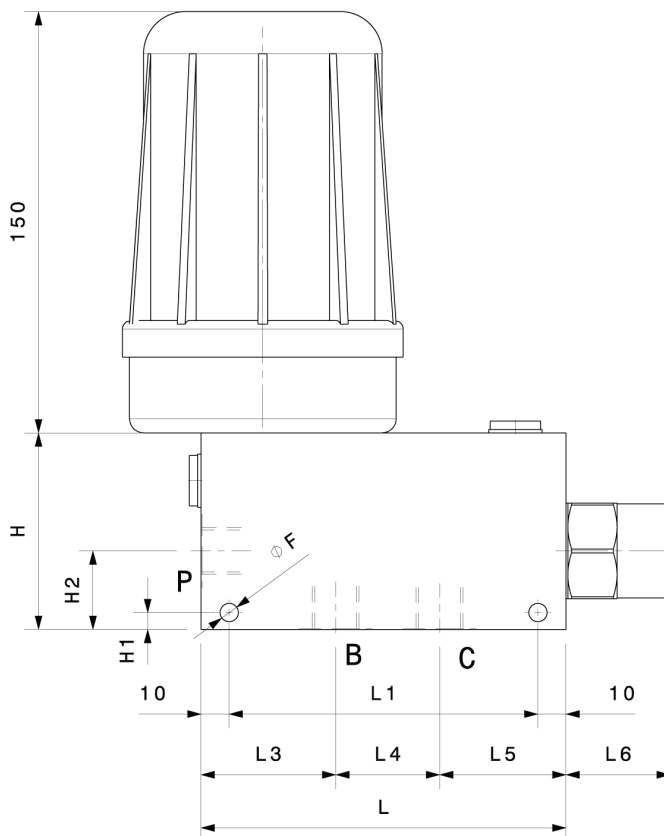
Corpo in alluminio  
 Aluminium body



Modello Type	P, B, C	Portata max Max flow		Pressione max Max pressure
		Ingresso Inflow P	Regolata Regulated C	
RFP-A-38-CE	3/8" GAS	60 l/min 16 gpm	35 l/min 9 gpm	270 bar 3900 psi
RFP-A-12-CE	1/2" GAS	100 l/min 26 gpm	65 l/min 17 gpm	270 bar 3900 psi
RFP-A-34-CE	3/4" GAS	150 l/min 40 gpm	90 l/min 24 gpm	270 bar 3900 psi
RFP-A-10-CE	1" GAS	380 l/min 100 gpm	190 l/min 50 gpm	270 bar 3900 psi

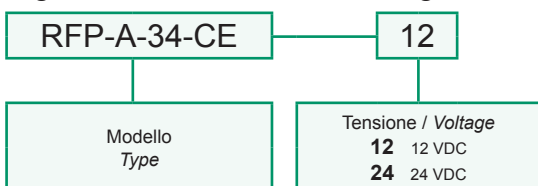
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ



Modello Type	L	L1	L2	L3	L4	L5	L6	H	H1	H2	F	S
RFP-A-38-CE	130	110	22	48	37	45	38	70	6	28	6.5	40
RFP-A-12-CE	130	110	22	48	37	45	38	70	6	28	6.5	40
RFP-A-34-CE	155	135	25	57	44	54	35	90	8	35	8.5	50
RFP-A-10-CE	150	130	27	48	54	48	55	130	10	65	8.5	60

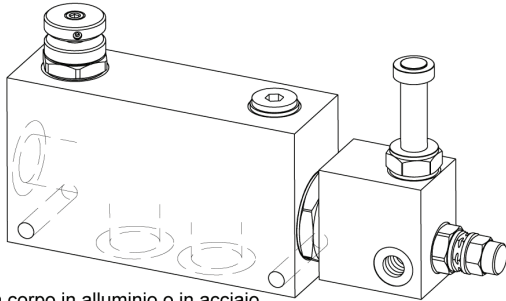
Sigla di ordinazione / Ordering code



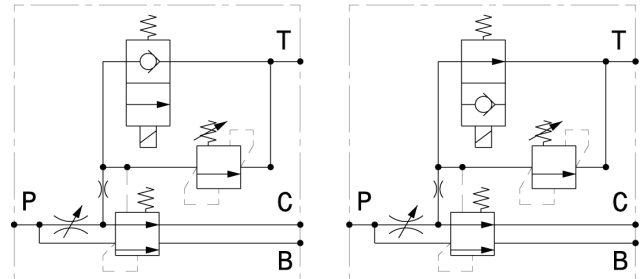
I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
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Valvola regolatrice di flusso compensata tre vie azionabile elettricamente con valvola limitatrice di pressione  
 3 ways, pressure compensated flow regulator valve with solenoid valve and relief

mod. RFPA-EV-VLP



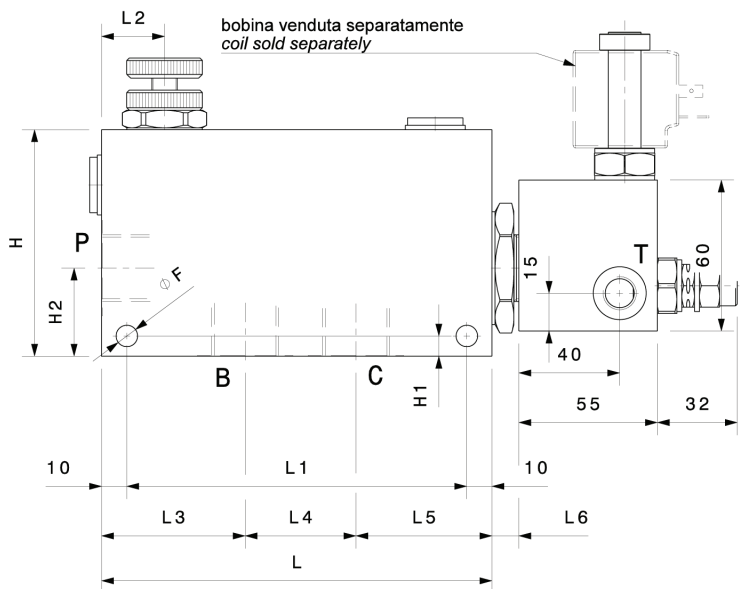
Versione con corpo in alluminio o in acciaio  
 Aluminium or steel body version



SCHEMA / SCHEME A

SCHEMA / SCHEME B

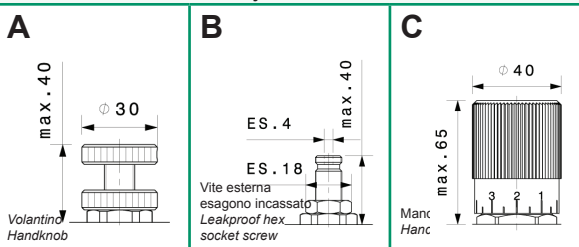
Modello Type	P, C, T	Portata max Max flow		Pressione max Max pressure
		Ingresso Inflow P	Regolata Regulated C	
RFPA-EV-VLP38	3/8" GAS	60 l/min 16 gpm	35 l/min 9 gpm	270 bar 3900 psi
RFPA-EV-VLP12	1/2" GAS	100 l/min 26 gpm	65 l/min 17 gpm	270 bar 3900 psi
RFPA-EV-VLP34	3/4" GAS	150 l/min 40 gpm	90 l/min 24 gpm	270 bar 3900 psi
RFPA-EV-VLP10	1" GAS	380 l/min 100 gpm	190 l/min 50 gpm	270 bar 3900 psi



Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

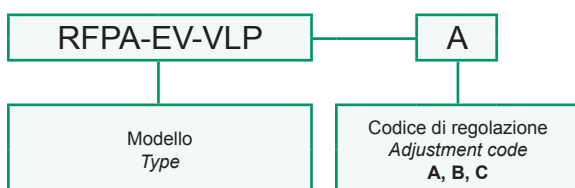
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Regolazioni  
Adjustments



Modello Type	L	L1	L2	L3	L4	L5	L6	H	H1	H2	F	S
RFPAEV-VLP38	130	110	22	48	37	45	15	70	6	28	6.5	40
RFPAEV-VLP12	130	110	22	48	37	45	15	70	6	28	6.5	40
RFPAEV-VLP34	155	135	25	57	44	54	11	90	8	35	8.5	50
RFPAEV-VLP10	150	130	27	48	54	48	25	130	10	65	8.5	60

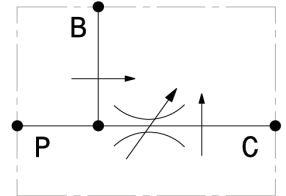
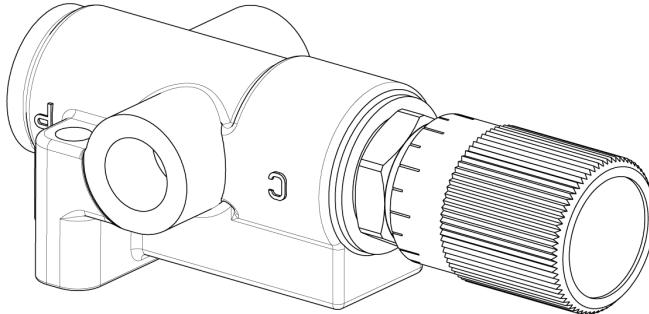
Sigla di ordinazione / Ordering code



I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata, tre vie, ghisa  
 3 ways, pressure compensated flow regulator valve, cast iron  
 mod. RF-G

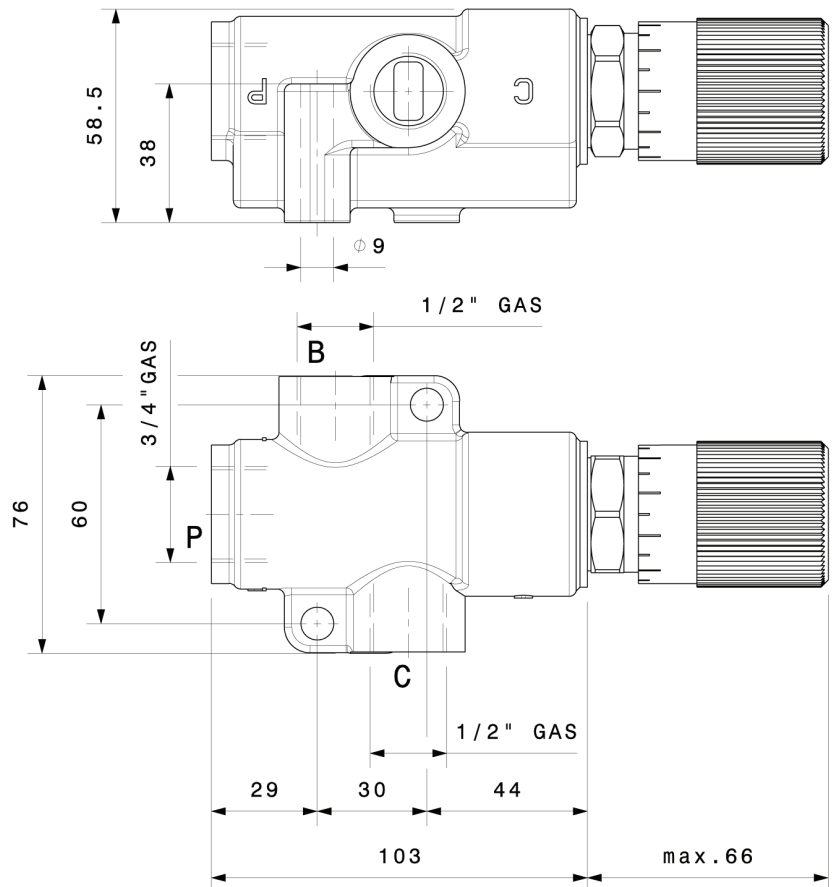
Corpo in ghisa  
 Cast iron body



Portata massima Max flow	100 l/min 26 gpm
Portata regolata Regulated flow	2 ÷ 50 l/min 0.5 ÷ 13 gpm
Pressione massima Max pressure	350 bar 5000 psi

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ



Sigla di ordinazione / Ordering code

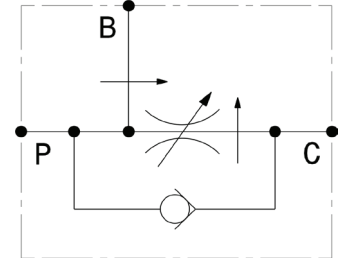
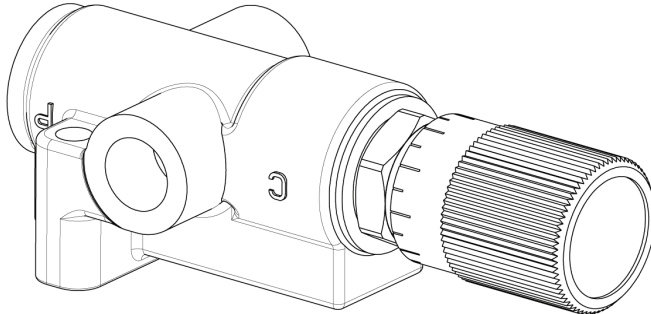
RFG

Modello  
 Type

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata, tre vie, con valvola di non ritorno, ghisa  
 3 ways, pressure compensated flow regulator valve with check valve, cast iron  
**mod. RF-G-VU**

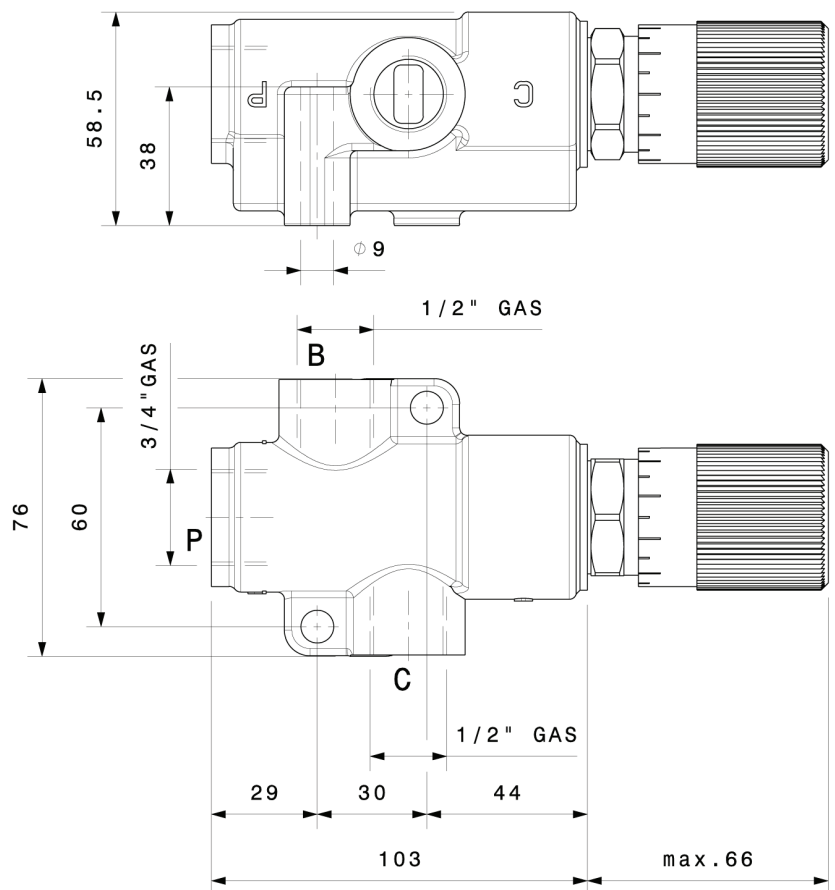
Corpo in ghisa  
 Cast iron body



Portata massima Max flow	100 l/min 26 gpm
Portata regolata Regulated flow	2 ÷ 50 l/min 0.5 ÷ 13 gpm
Pressione massima Max pressure	350 bar 5000 psi

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ



Sigla di ordinazione / Ordering code

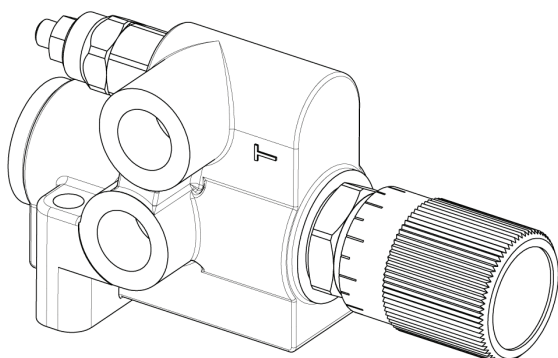
**RFG-VU**

Modello  
 Type

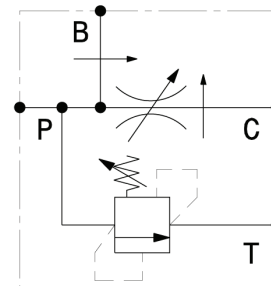
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata con valvola limitatrice di pressione, ghisa  
*Pressure compensated flow regulator valve with relief valve, cast iron*

mod. RF-GV



Corpo in ghisa  
*Cast iron body*

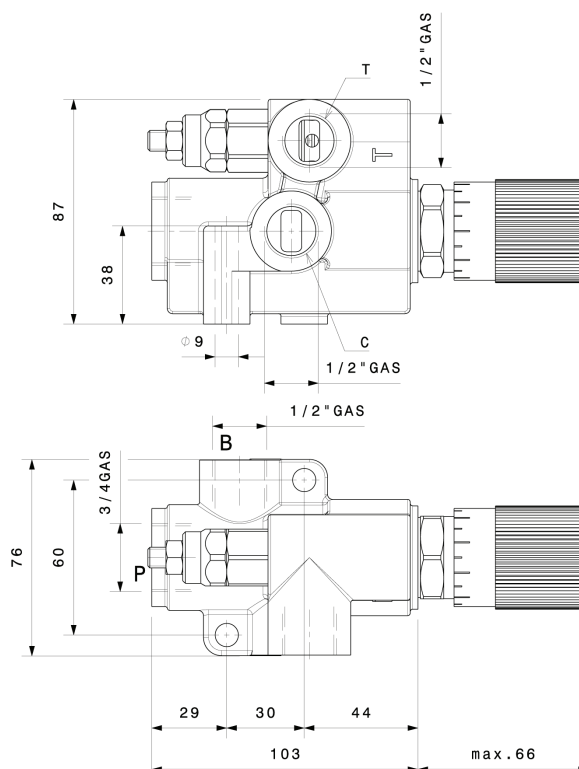


Portata massima <i>Max flow</i>	100 l/min 26 gpm
Portata regolata <i>Regulated flow</i>	2 ÷ 50 l/min 0.5 ÷ 13 gpm
Pressione massima <i>Max pressure</i>	350 bar 5000 psi

Taratura <i>Setting</i>		
Codice <i>Code</i>	Taratura standard <i>Standard setting</i> (Q=5 l/min)	Campo di taratura <i>Adj. Pressure range</i>
00	40 bar 580 psi	5÷40 bar 72.5÷580 psi
01	80 bar 1160 psi	20÷100 bar 290÷1450 psi
02	180 bar 2600 psi	40÷250 bar 580÷3600 psi
03	250 bar 3600 psi	60÷350 bar 870÷5000 psi

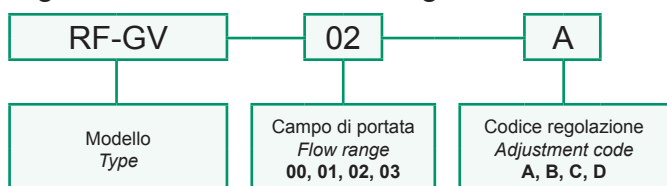
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
*Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C*

Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperature di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ



Regolazioni <i>Adjustments</i>	<b>A</b> ES . 4 ES . 13 Vite esterna esagono incassato <i>Leakproof hex socket screw</i> max . 77	<b>B</b> Ø 40 ES . 13 Volantino e dado <i>Handknob and locknut</i> max . 110	<b>C</b> 86 Piombatura <i>Sealing cap</i>	<b>D</b> ES . 14 ES . 13 88 Cappellotto <i>Cap</i>
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Sigla di ordinazione / Ordering code



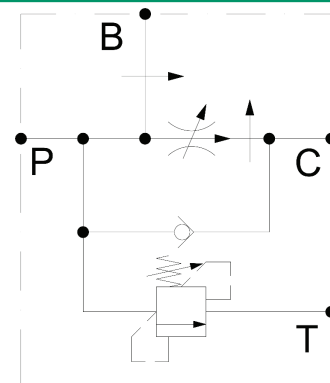
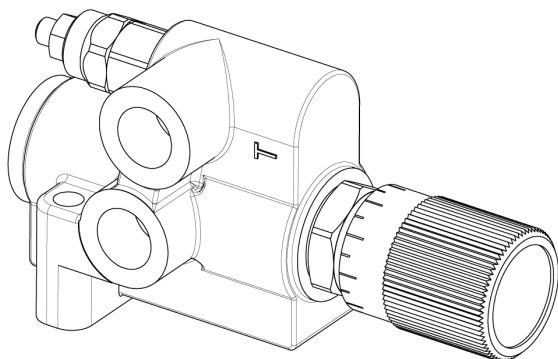
I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
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Valvola regolatrice di flusso compensata con valvola limitatrice di pressione e di non ritorno, ghisa  
*Pressure compensated flow regulator valve with relief and check valves, cast iron*

mod. RF-GV-VU

Corpo in ghisa  
*Cast iron body*

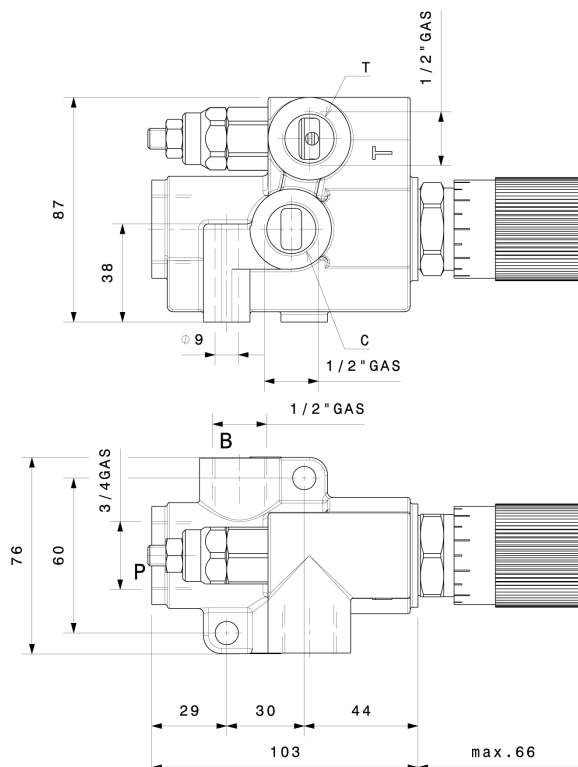


Portata massima <i>Max flow</i>	100 l/min 26 gpm
Portata regolata <i>Regulated flow</i>	2 ÷ 50 l/min 0.5 ÷ 13 gpm
Pressione massima <i>Max pressure</i>	350 bar 5000 psi

Taratura <i>Setting</i>		
Codice <i>Code</i>	Taratura standard <i>Standard setting</i> (Q=5 l/min)	Campo di taratura <i>Adj. Pressure range</i>
00	40 bar 580 psi	5÷40 bar 72.5÷580 psi
01	80 bar 1160 psi	20÷100 bar 290÷1450 psi
02	180 bar 2600 psi	40÷250 bar 580÷3600 psi
03	250 bar 3600 psi	60÷350 bar 870÷5000 psi

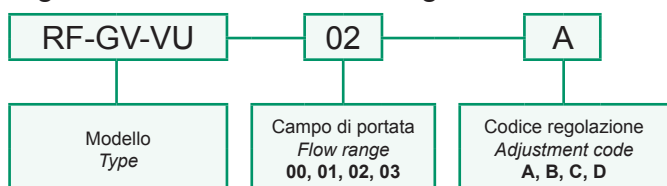
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
*Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C*

Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperature di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ



Regolazioni <i>Adjustments</i>	<b>A</b> ES . 4 ES . 13 max . 77 Vite esterna esagono incassato <i>Leakproof hex socket screw</i>	<b>B</b> Ø 40 ES . 13 max . 110 Volantino e dado <i>Handknob and locknut</i>	<b>C</b> 86 Piombatura <i>Sealing cap</i>	<b>D</b> 88 ES . 14 ES . 13 Cappellotto <i>Cap</i>
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Sigla di ordinazione / Ordering code



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