

Valvole per il controllo del flusso

Flow control valves

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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.

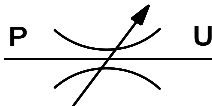
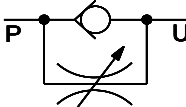

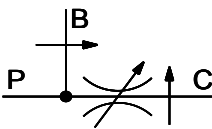
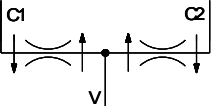
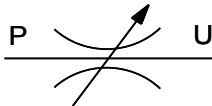
Since the actual installation and performance of the Customer's equipment cannot be exactly reproduced in the **CBF** testing laboratories, the assurance of suitability of all **CBF's** products in the Customer application is the responsibility of the Customer himself.

Jurisdiction

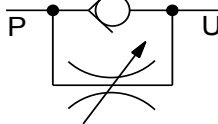
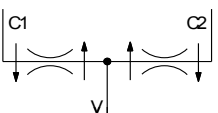
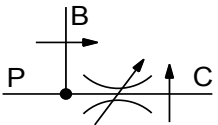
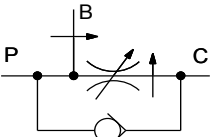

In case of a dispute where **CBF S.r.l.** is summoned before court, the Court in Law in Vicenza (Italy) is exclusively competent: drafts, acceptance of settlements, dispatches without or with C.O.D. do not constitute a derogation from this clause of jurisdiction even in case **CBF S.r.l.** should be pursued for concession or contenance 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.

INDICE PER TIPO DI VALVOLA INDEX BY VALVE TYPE

		Q	P	Pagina
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Strozzatore a cartuccia <i>Needle valve – cartridge type</i>				
	STV-C	5	350	7
	ST5-C	5	350	8
	ST-C	40	350	9
	ST08-C	40	350	10
	ST80-C	80	300	11
	ST130-C	130	300	12
Strozzatore unidirezionale a cartuccia <i>Needle valve with free flow check – cartridge type</i>				
	STVU-C	40	350	13
	STVU08-C	40	350	14
	ST80VU-C	80	300	15
Valvola regolatrice di flusso compensata, due vie, a cartuccia <i>2 ways, pressure compensated flow regulator valve – cartridge type</i>				
	RF2-50-C	30	350	16
	RF2-70-27-C	70	350	17
	RF2-130-33-C	130	350	18
	RF2-200-42-C	200	350	19
	RF2-70-12-C	70	350	20
	RF2-130-16-C	130	350	21
	RF2-200-20-C	200	350	22
RF2F-22-C	36	350	23	
Valvola regolatrice di flusso compensata, tre vie, a cartuccia <i>3 ways, pressure compensated flow regulator valve – cartridge type</i>				
	RFP-50-C	40	350	24
	RFP-90-C	90	350	25
	RFP-150-33-C	150	350	26
	RFP-250-42-C	250	350	27
	RFP-90-12-C	90	350	28
	RFP-150-16-C	150	350	29
	RFP-250-20-C	250	350	30
	RF-C3	40	350	31
	RFP10C	40	350	32
	RFP22C	40	350	33
Divisore – riunificatore di flusso a cartuccia <i>Flow divider combiner – cartridge type</i>				
	DFR-C	70	350	34
	DFR-10-C	40	350	35
	DFR-12-C	70	350	36
	DFR-16-C	150	350	37
	DFR-20-C	250	350	38
Strozzatore <i>Needle valve</i>				
	ST-14	25	350	39
	ST-38	40	350	39
	ST-12	60	350	39
	ST-34	120	350	39
	ST-10	200	300	39
	STP-14	15	350	40
	STP-38	30	350	40
	STP-12	45	350	40
	STP-34	85	300	40
	SP-14	15	350	41
	SP-38	30	350	41
	SP-12	45	350	41
	SP-34	85	300	41

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		Q	P	Pagina
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Strozzatore unidirezionale <i>Needle valve with free flow check – cartridge type</i>				
	STU-14	25	350	39
	STU-38	40	350	39
	STU-12	60	350	39
	STU-34	120	350	39
	STU-10	200	300	39
	STPU-14	15	350	40
	STPU-38	30	350	40
	STPU-12	45	350	40
	STPU-34	85	300	40
	SPU-14	15	350	41
	SPU-38	30	350	41
	SPU-12	45	350	41
	SPU-34	85	300	41
	Divisore – riunificatore di flusso <i>Flow divider combiner</i>			
	DFR-38	25	300	42
	DFR-12	70	300	42
	DFR-34	150	250	42
	DFR-10	150	250	42
Valvola regolatrice di flusso compensata, tre vie <i>3 ways, pressure compensated flow regulator valve</i>				
	RFP-50-38	40	300	43
	RFP-50-12	40	300	43
	RFP-90-12	90	300	45
	RFP-90-34	90	300	45
	RF-3-38	40	300	47
	RF-3-12	40	300	47
	RFP-38	70	350	48
	RFPA-38	60	270	56
	RFPA-12	100	270	56
	RFPA-34	150	270	56
	RFPA-10	380	270	56
	RFPA-38-CE	60	270	57
	RFPA-12-CE	100	270	57
	RFPA-34-CE	150	270	57
RFPA-10-CE	380	270	57	
RF-G	90	350	59	
Valvola regolatrice di flusso compensata, tre vie, con ritorno libero <i>3 ways, pressure compensated flow regulator valve, with free flow check</i>				
	RFP-50-VU-38	40	300	44
	RFP-50-VU-12	40	300	44
	RFP-90-VU-12	90	300	46
	RFP-90-VU-34	90	300	46
Valvola regolatrice di flusso compensata, due vie <i>2 ways, pressure compensated flow regulator valve</i>				
	RF-A2-38	45	270	49
	RF-A2-12	60	270	49
	RF-A2-34	90	270	49
	RF-A2-10	190	270	49

INDICE PER TIPO DI VALVOLA INDEX BY VALVE TYPE

		Q	P	Pagina
		[l/min]	[bar]	Page
Valvola regolatrice di flusso compensata, tre vie 3 ways, pressure compensated flow regulator valve				
	RF-A-38	60	270	50
	RF-A-12	100	270	50
	RF-A-34	150	270	51
	RF-A-10	280	270	51
	RF-A-38-L	60	270	52
	RF-A-12-L	100	270	52
Valvola regolatrice di flusso compensata, due vie, con ritorno libero 2 ways, pressure compensated flow regulator valve, with free flow check				
	RF-A2-VU-38	45	270	53
	RF-A2-VU-12	60	270	53
	RF-A2-VU-34	90	270	53
	RF-A2-VU-10	190	270	53
Valvola regolatrice di flusso compensata, tre vie, con ritorno libero 3 ways, pressure compensated flow regulator valve, with free flow check				
	RF-A-VU-38	60	270	54
	RF-A-VU-12	100	270	54
	RF-A-VU-34	150	270	54
	RF-A-VU-10	280	270	54
Valvola regolatrice di flusso compensata, tre vie, con limitatrice di pressione 3 ways, pressure compensated flow regulator valve, with relief valve				
	RF-A-VLP10-38	60	270	55
	RF-A-VLP10-12	100	270	55
	RF-A-VLP10-34	150	270	55
	RF-A-VLP10-10	280	270	55
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				
	RFPAEV-VLP-38	60	270	58
	RFPAEV-VLP-12	100	270	58
	RFPAEV-VLP-34	150	270	58
	RFPAEV-VLP-10	380	270	58
Valvola regolatrice di flusso compensata, tre vie, con limitatrice di pressione 3 ways, pressure compensated flow regulator valve, with relief valve				
	RF-GV	90	350	60

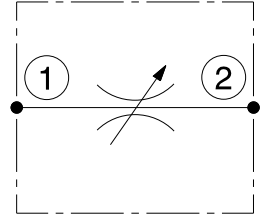
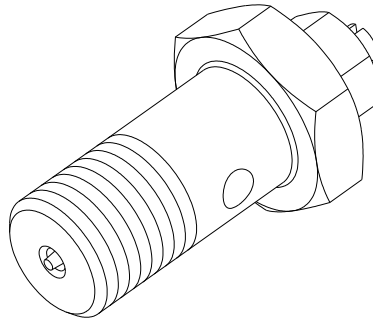
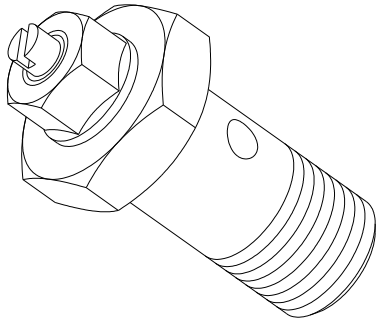
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DFR-10	42
DFR-10-C	35
DFR-12	42
DFR-12-C	36
DFR-16-C	37
DFR-20-C	38
DFR-34	42
DFR-38	42
DFR-C	34
RF2-130-16-C	21
RF2-130-33-C	18
RF2-200-20-C	22
RF2-200-42-C	19
RF2-50-C	16
RF2-70-12-C	20
RF2-70-27-C	17
RF2F-22-C	23
RF-3-12	47
RF-3-38	47
RF-A-10	51
RF-A-12	50
RF-A-12-L	52
RF-A2-10	49
RF-A2-12	49
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RF-A2-38	49
RF-A2-VU-10	53
RF-A2-VU-12	53
RF-A2-VU-34	53
RF-A2-VU-38	53
RF-A-34	51
RF-A-38	50
RF-A-38-L	52
RF-A-VLP10-10	55
RF-A-VLP10-12	55
RF-A-VLP10-34	55

Modello	Pagina
Type	Page
RF-A-VLP10-38	55
RF-A-VU-10	54
RF-A-VU-12	54
RF-A-VU-34	54
RF-A-VU-38	54
RF-C3	31
RF-G	59
RF-GV	60
RFP10C	32
RFP-150-16-C	29
RFP-150-33-C	26
RFP22C	33
RFP-250-20-C	30
RFP-250-42-C	27
RFP-38	48
RFP-50-12	43
RFP-50-38	43
RFP-50-C	24
RFP-50-VU-12	44
RFP-50-VU-38	44
RFP-90-12	45
RFP-90-12-C	28
RFP-90-34	45
RFP-90-C	25
RFP-90-VU-12	46
RFP-90-VU-34	46
RFPA-10	56
RFPA-10-CE	57
RFPA-12	56
RFPA-12-CE	57
RFPA-34	56
RFPA-34-CE	57
RFPA-38	56
RFPA-38-CE	57
RFPAEV-VLP-10	58
RFPAEV-VLP-12	58
RFPAEV-VLP-34	58

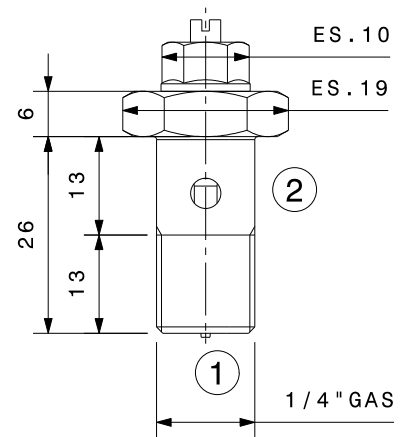
Modello	Pagina
Type	Page
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SP-34	41
SP-38	41
SPU-12	41
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ST-10	39
ST-12	39
ST130-C	12
ST-14	39
ST-34	39
ST-38	39
ST5-C	8
ST80-C	11
ST80VU-C	15
ST-C	9
STP-12	40
STP-14	40
STP-34	40
STP-38	40
STPU-12	40
STPU-14	40
STPU-34	40
STPU-38	40
STU-10	39
STU-12	39
STU-14	39
STU-34	39
STU-38	39
STV-C	7
STVU08-C	14
STVU-C	13

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



Portata massima <i>Max flow</i>	5 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	12 ÷ 15 Nm

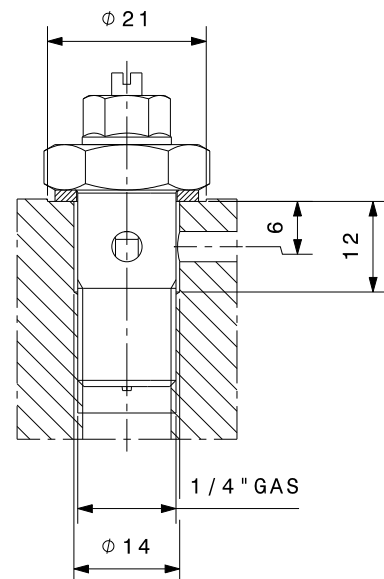
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C <i>Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C</i>	
Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperature di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione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



Sigla di ordinazione / Ordering code

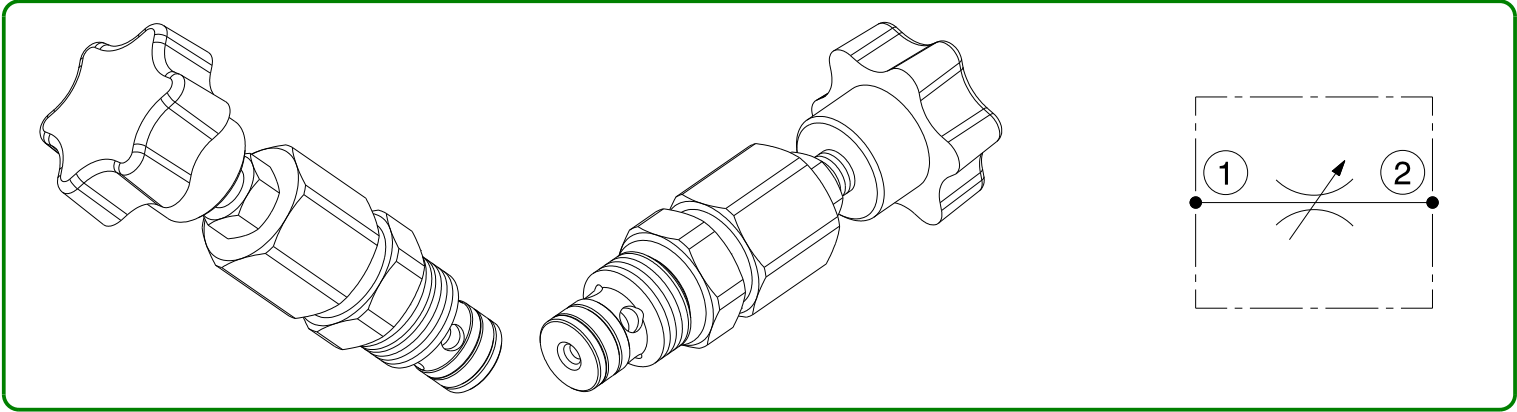
STV-C-14

Modello
Type



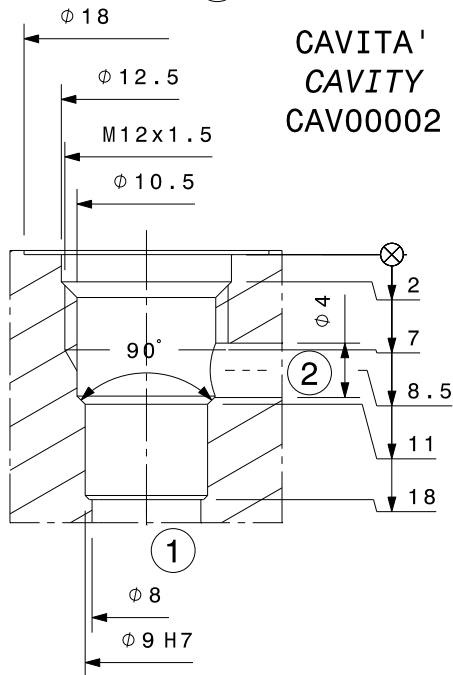
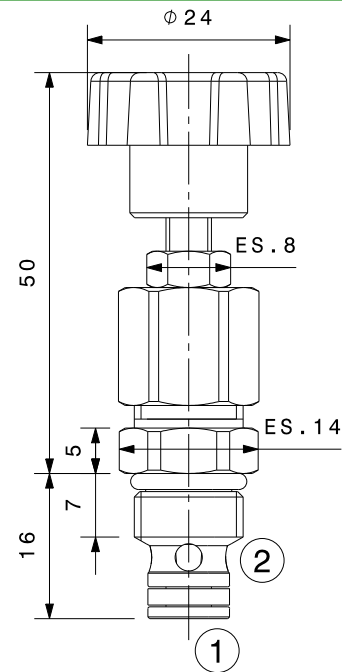
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

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



Portata massima <i>Max flow</i>	5 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	12 ÷ 15 Nm

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



Sigla di ordinazione / Ordering code

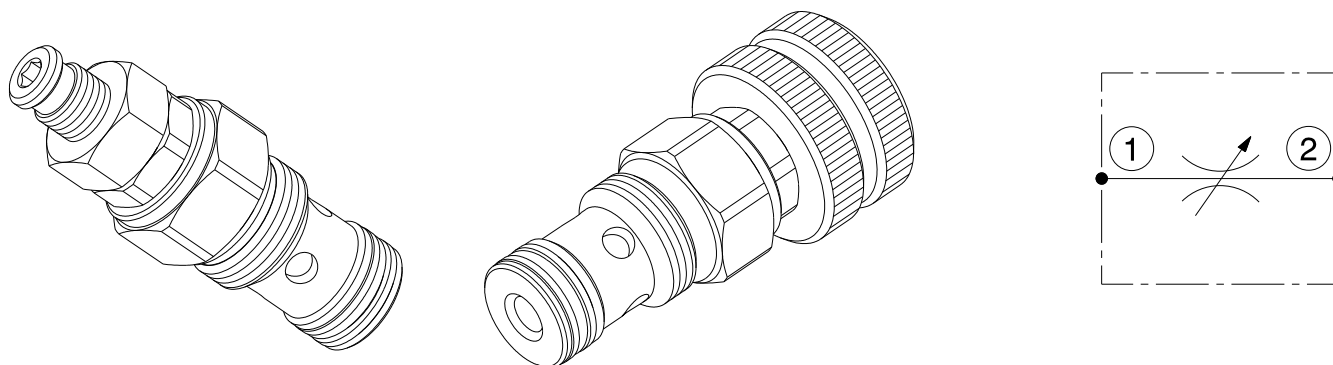
ST5-C-B

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. **ST-C**



Portata massima Max flow	40 l/min
Pressione massima Max pressure	350 bar
Coppia di serraggio Installation torque	27 ÷ 30 Nm

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performaces 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

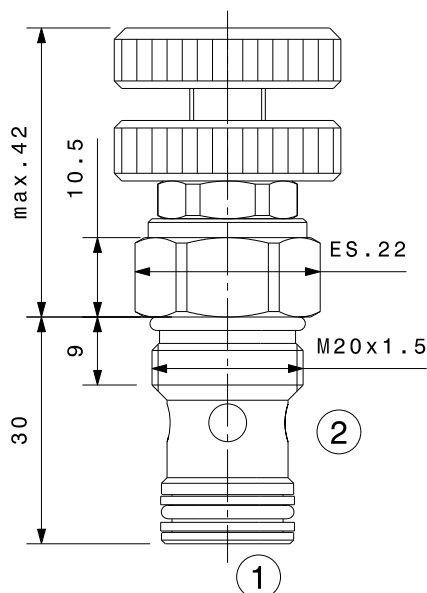
Regolazioni
Adjustments

A

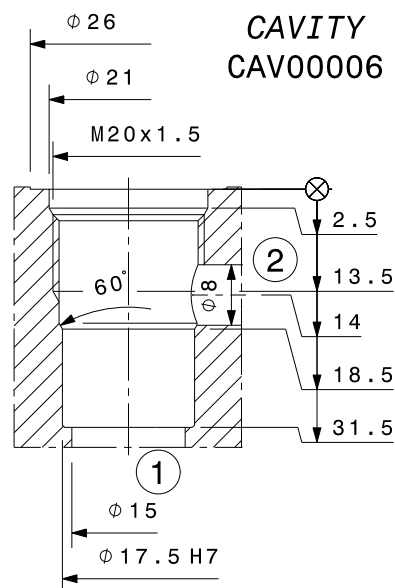
Vite esterna
esagono incassato
Leakproof hex
socket screw

B

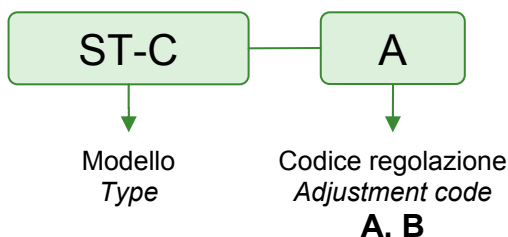
Volantino e dado
Handknob and
locknut



CAVITA'
CAVITY
CAV00006



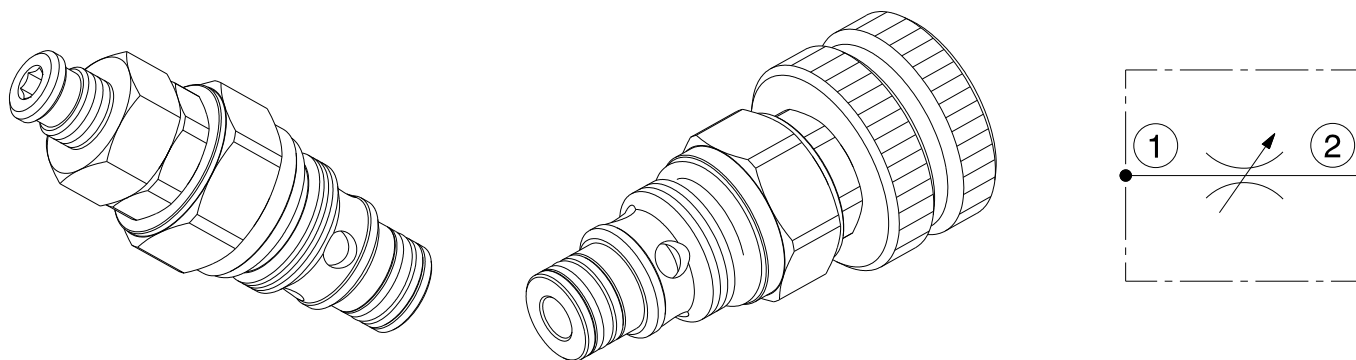
Sigla di ordinazione / Ordering code



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 <i>Max flow</i>	40 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	27 ÷ 30 Nm

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

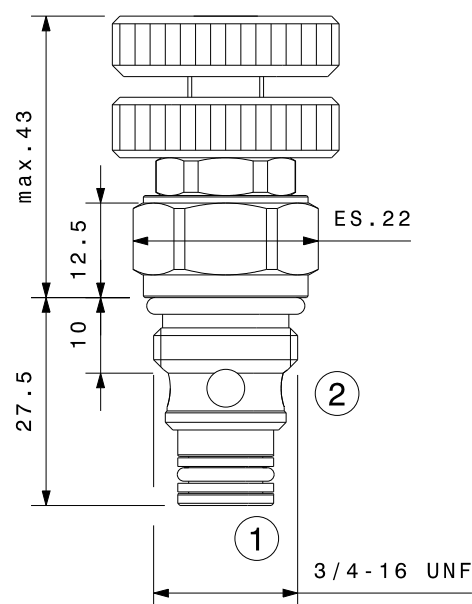
Regolazioni
Adjustments

A

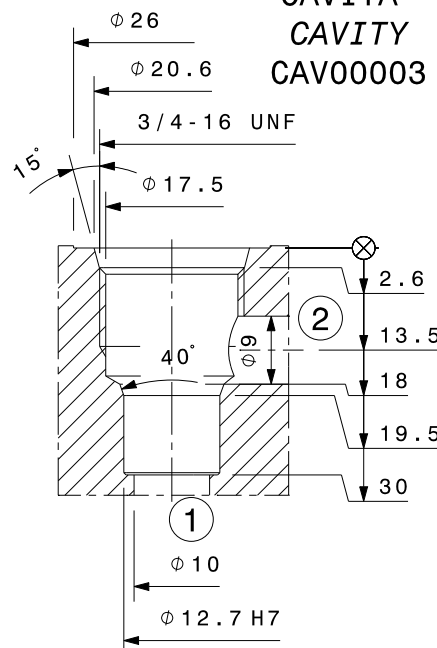
Vite esterna
esagono incassato
*Leakproof hex
socket screw*

B

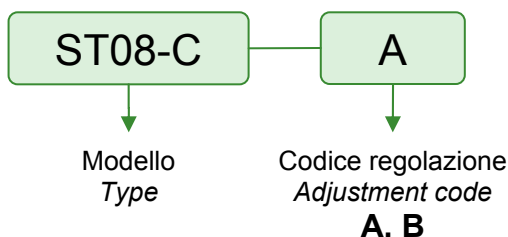
Volantino e dado
*Handknob and
locknut*



CAVITA'
 CAVITY
 CAV00003



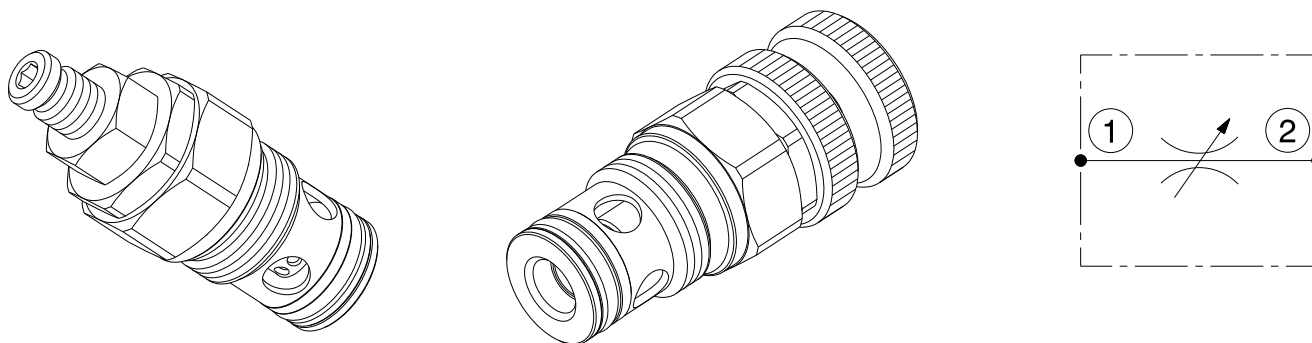
Sigla di ordinazione / Ordering code



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Strozzatore a cartuccia
 Needle valve – cartridge type

mod. **ST80-C**



Portata massima <i>Max flow</i>	80 l/min
Pressione massima <i>Max pressure</i>	300 bar
Coppia di serraggio <i>Installation torque</i>	65 ÷ 70 Nm

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

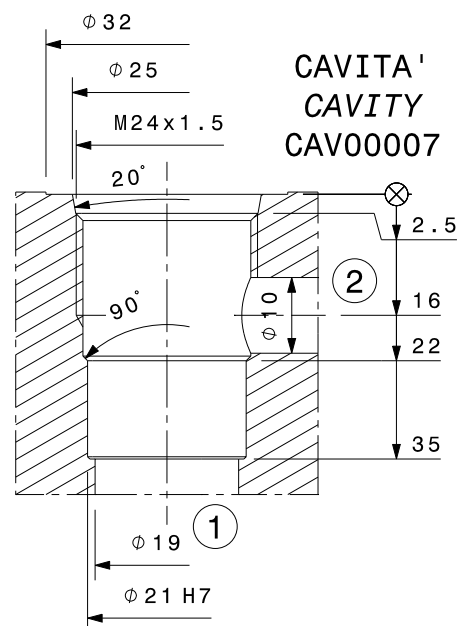
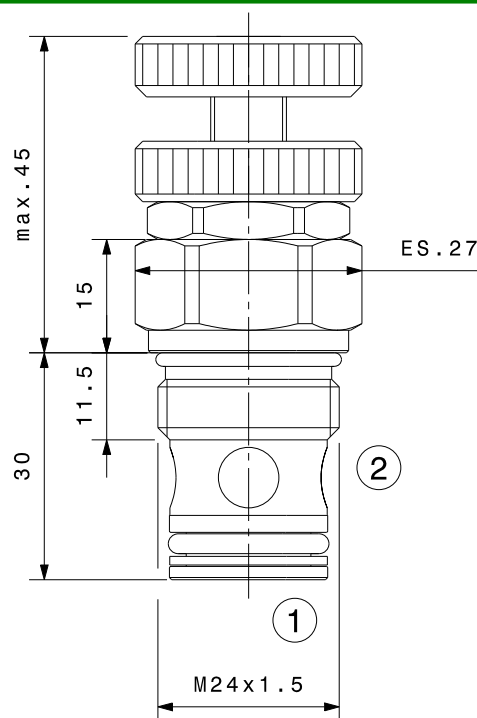
Regolazioni
Adjustments

A

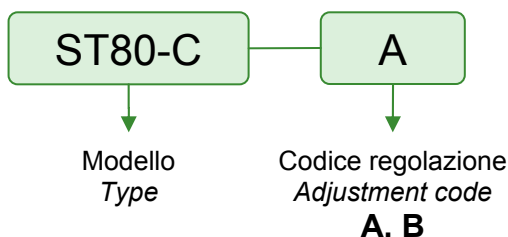
Vite esterna esagono incassato
Leakproof hex socket screw

B

Volantino e dado
Handknob and locknut

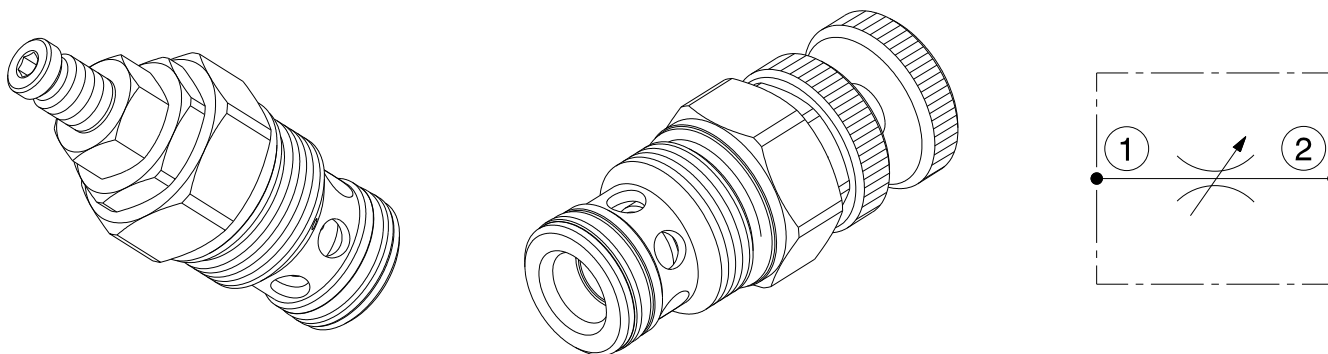


Sigla di ordinazione / Ordering code



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



Portata massima <i>Max flow</i>	130 l/min
Pressione massima <i>Max pressure</i>	300 bar
Coppia di serraggio <i>Installation torque</i>	140 ÷ 160 Nm

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

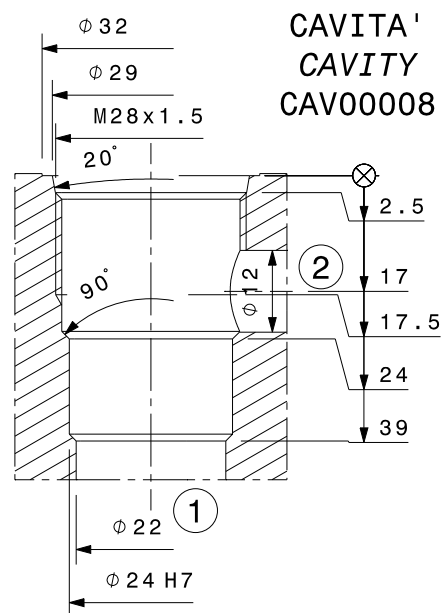
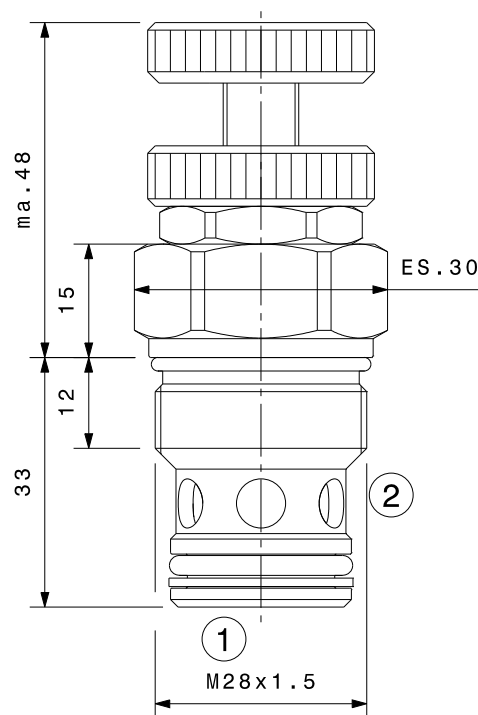
Regolazioni
Adjustments

A

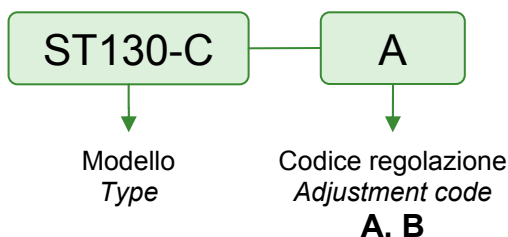
Vite esterna
esagono incassato
*Leakproof hex
socket screw*

B

Volantino e dado
*Handknob and
locknut*



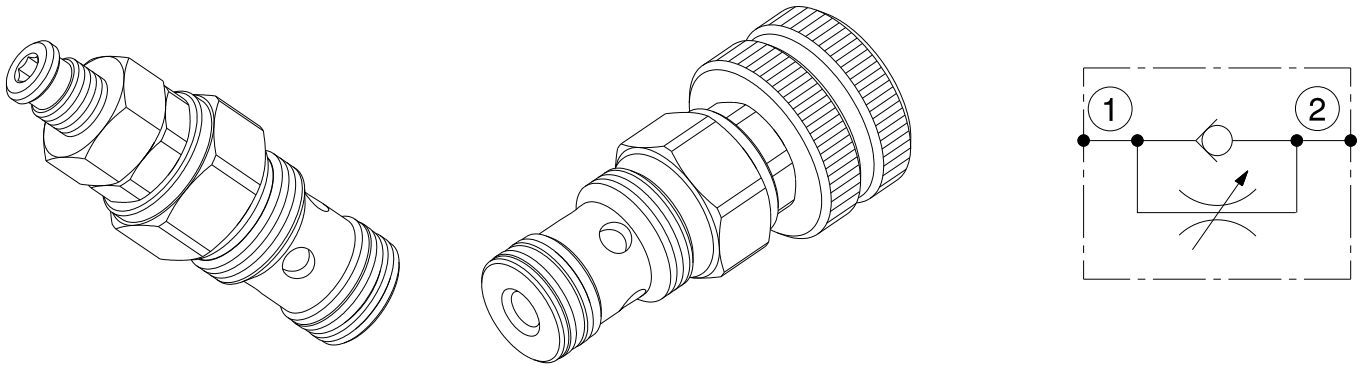
Sigla di ordinazione / Ordering code



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Strozzatore unidirezionale a cartuccia
 Needle valve with free flow check – cartridge type

mod. **STVU-C**



Portata massima <i>Max flow</i>	40 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	27 ÷ 30 Nm

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

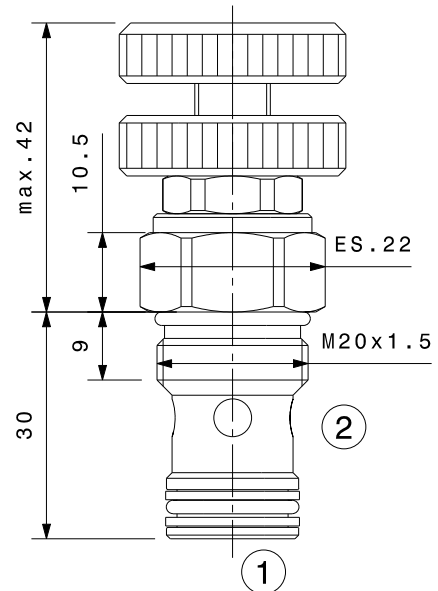
Regolazioni
Adjustments

A

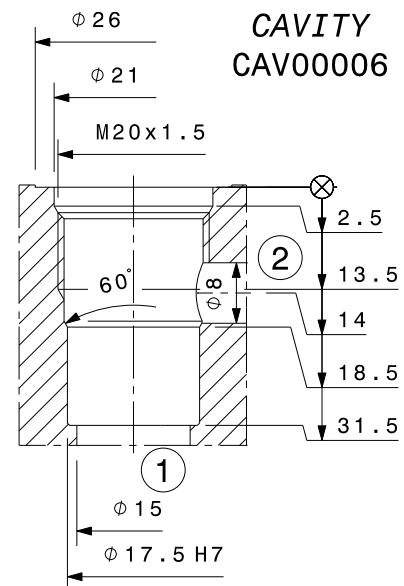
Vite esterna
esagono incassato
*Leakproof hex
socket screw*

B

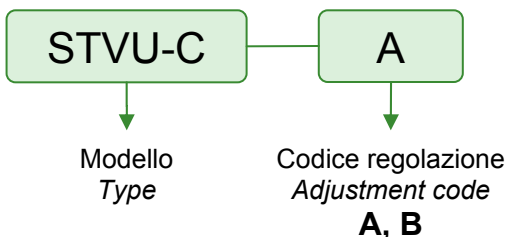
Volantino e dado
*Handknob and
locknut*



CAVITA'
CAVITY
CAV00006



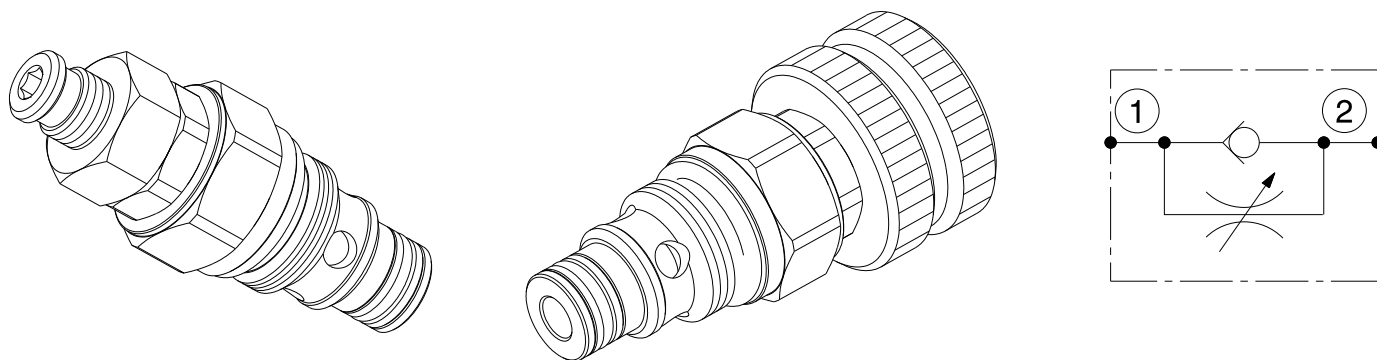
Sigla di ordinazione / Ordering code



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Strozzatore unidirezionale a cartuccia
 Needle valve with free flow check – cartridge type

mod. **STVU-08-C**



Portata massima Max flow	40 l/min
Pressione massima Max pressure	350 bar
Coppia di serraggio Installation torque	27 ÷ 30 Nm

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performaces 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

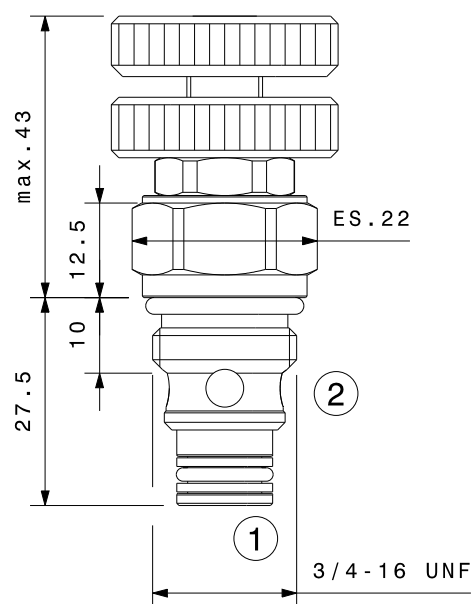
Regolazioni / Adjustments

A

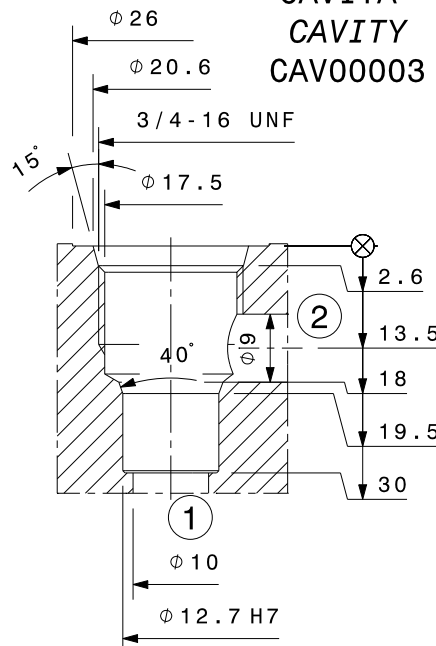
Vite esterna esagono incassato
Leakproof hex socket screw

B

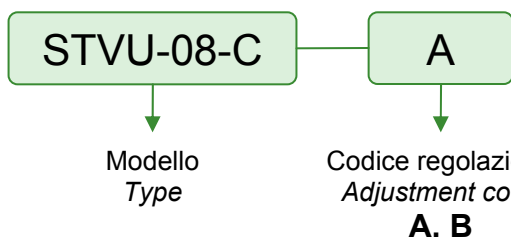
Volantino e dado
Handknob and locknut



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 CAVITY
 CAV00003



Sigla di ordinazione / Ordering code



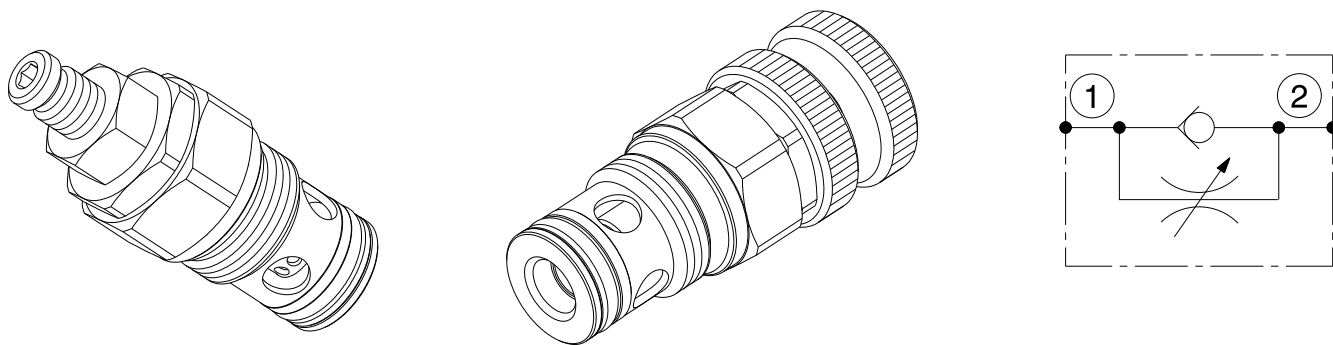
Modello
Type

Codice regolazione
Adjustment code
A, B

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. **ST80VU-C**



Portata massima Max flow	80 l/min
Pressione massima Max pressure	300 bar
Coppia di serraggio Installation torque	65 ÷ 70 Nm

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

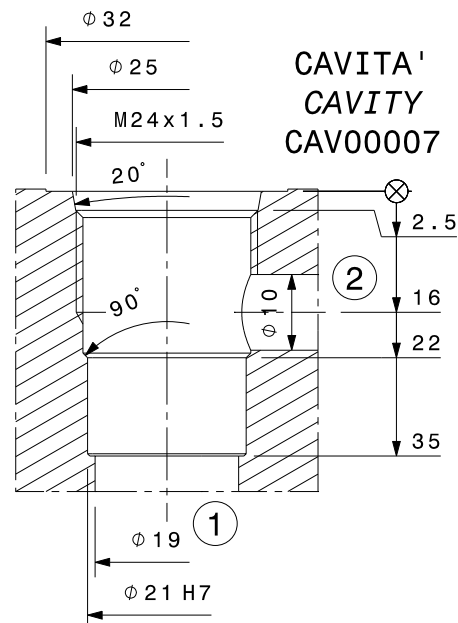
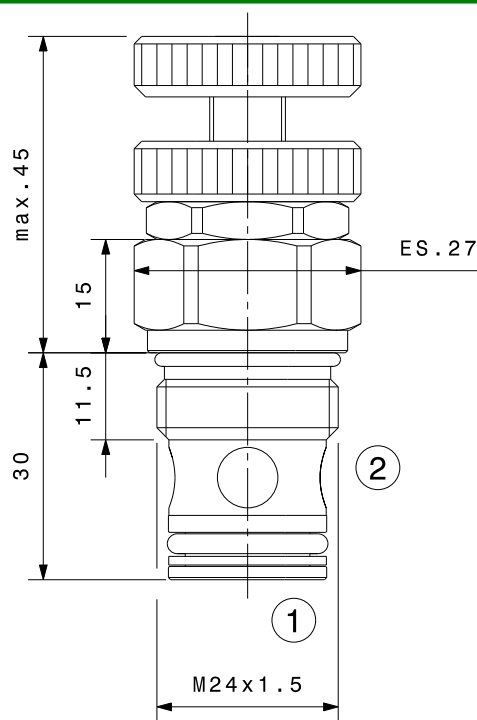
Regolazioni
Adjustments

A

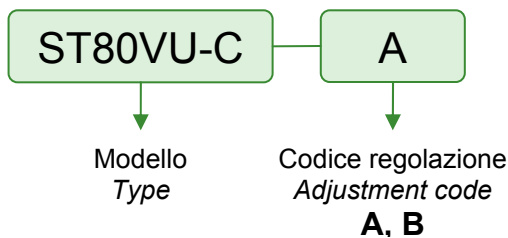
Vite esterna esagono incassato
Leakproof hex socket screw

B

Volantino e dado
Handknob and locknut



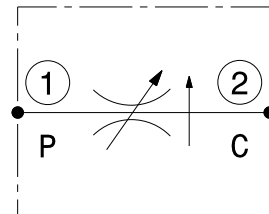
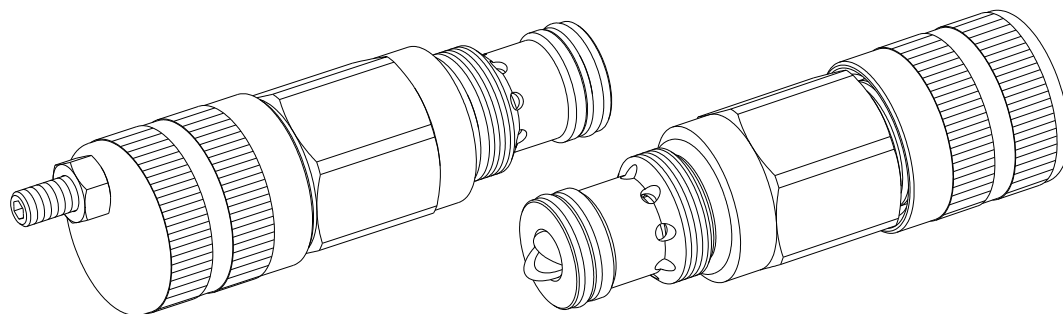
Sigla di ordinazione / Ordering code



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

mod. RF2-50-C



Portata massima <i>Max flow</i>	30 l/min
Portata regolata <i>Regulated flow</i>	0 ÷ 30 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	45 ÷ 50 Nm

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

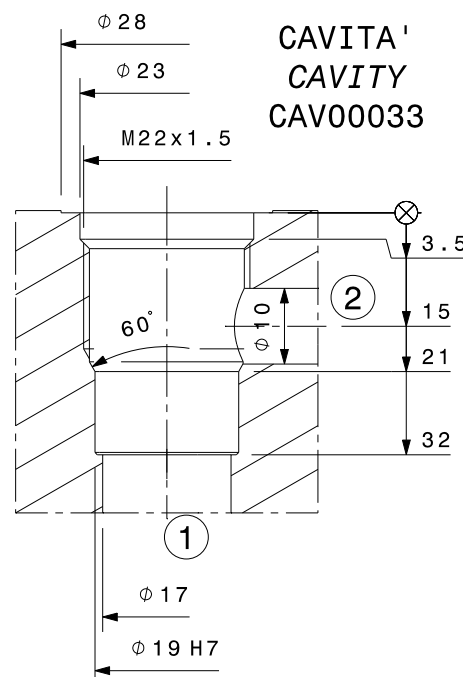
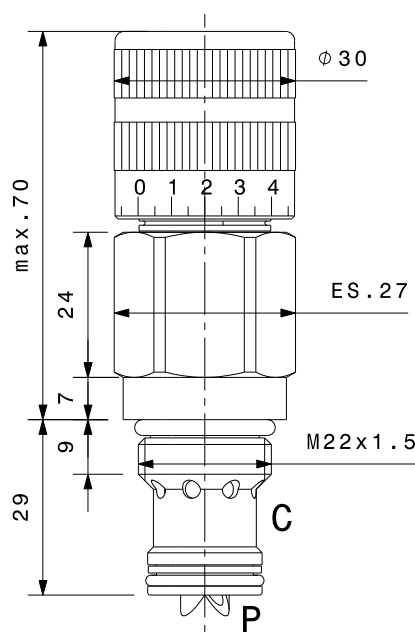
Regolazioni
Adjustments

A

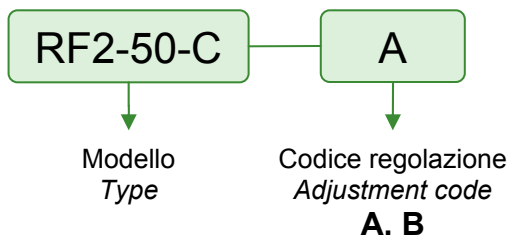
Manopola con vite di bloccaggio
Handknob with locking screw

B

Manopola
Handknob



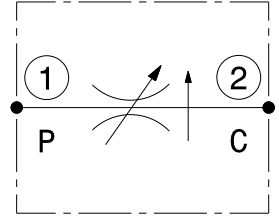
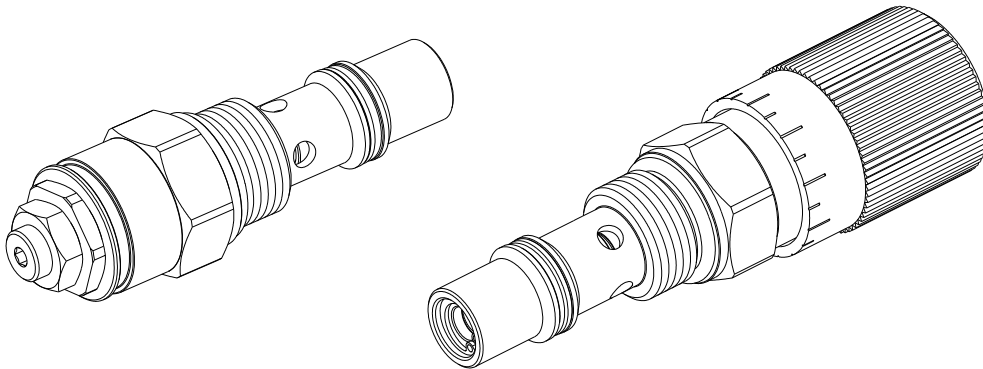
Sigla di ordinazione / Ordering code



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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 <i>Max flow</i>	70 l/min
Portata regolata <i>Regulated flow</i>	0 ÷ 70 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	80 ÷ 100 Nm

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

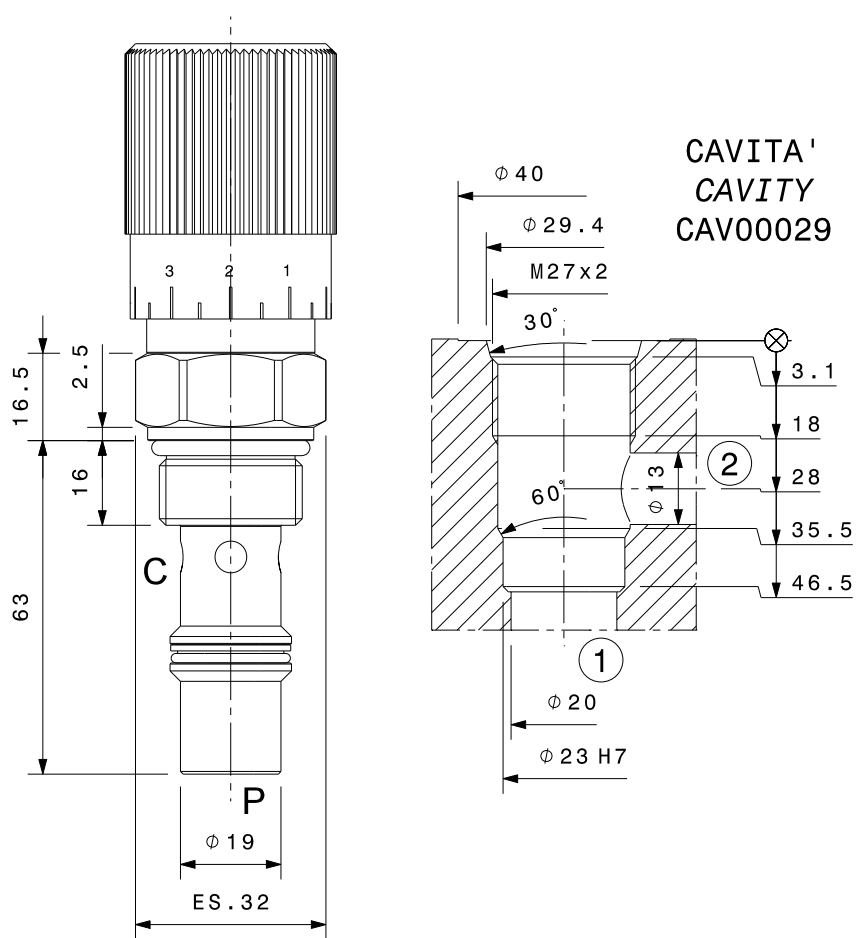
Regolazioni
Adjustments

A

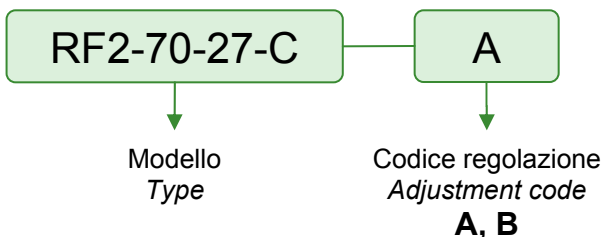
Vite esterna esagono incassato
Leakproof hex socket screw

B

Manopola
Handknob



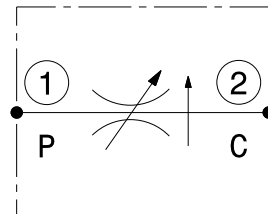
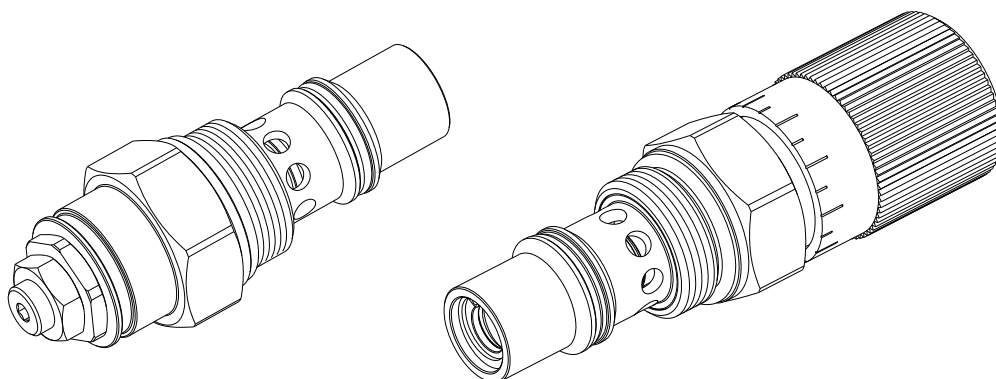
Sigla di ordinazione / Ordering code



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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 <i>Max flow</i>	130 l/min
Portata regolata <i>Regulated flow</i>	0 ÷ 130 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	180 ÷ 210 Nm

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

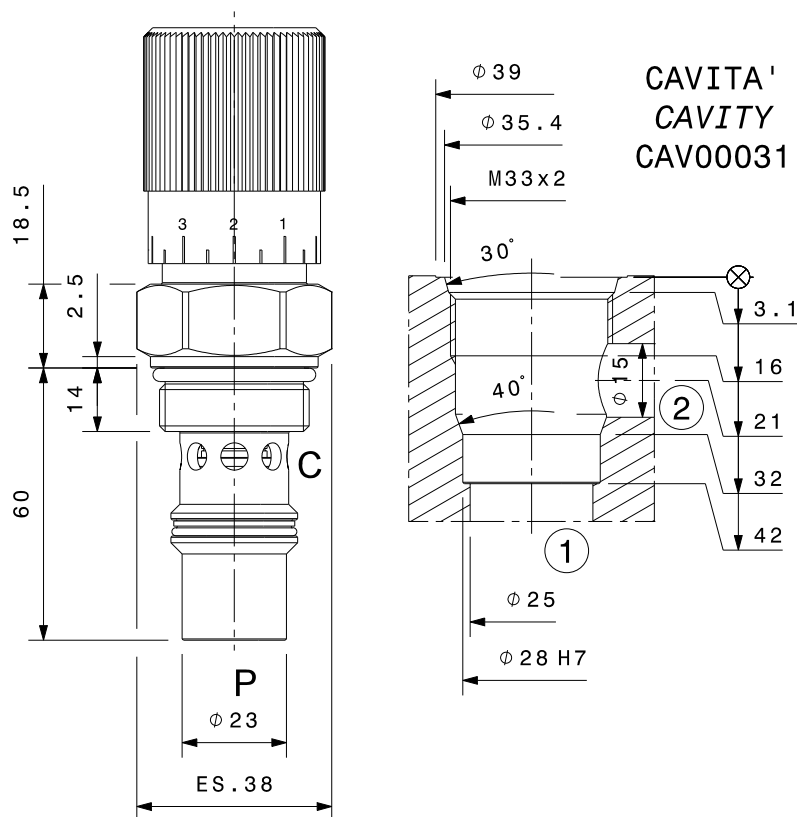
Regolazioni
Adjustments

A

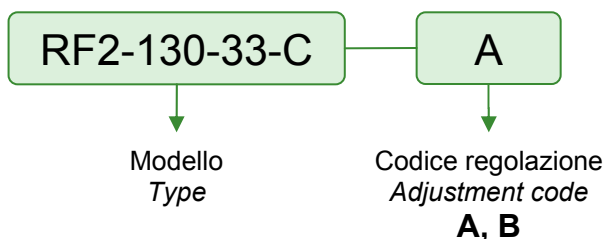
Vite esterna esagono incassato
Leakproof hex socket screw

B

Manopola
Handknob



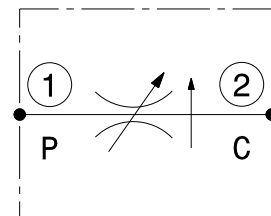
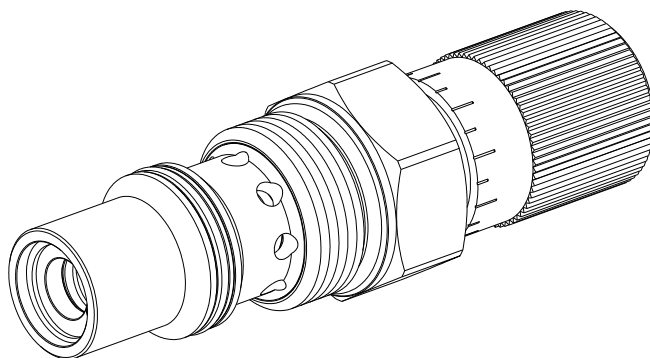
Sigla di ordinazione / Ordering code



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

mod. **RF2-200-42-C**



Portata massima <i>Max flow</i>	200 l/min
Portata regolata <i>Regulated flow</i>	0 ÷ 200 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	220 ÷ 250 Nm

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

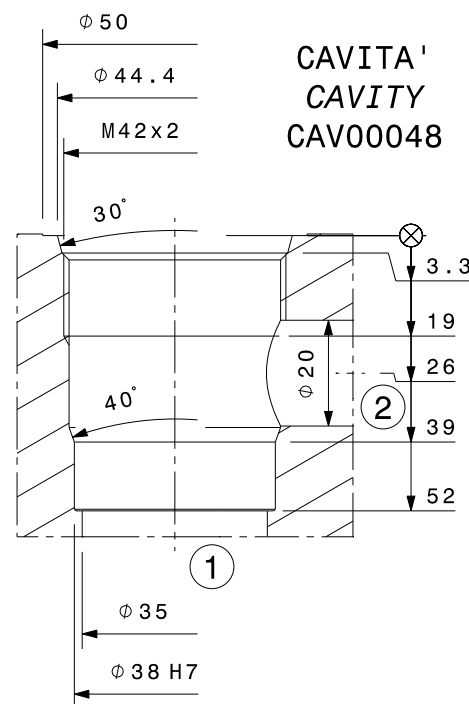
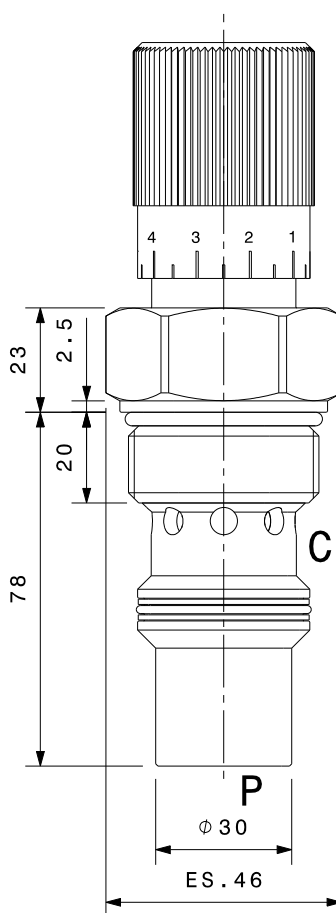
Regolazioni
Adjustments

A

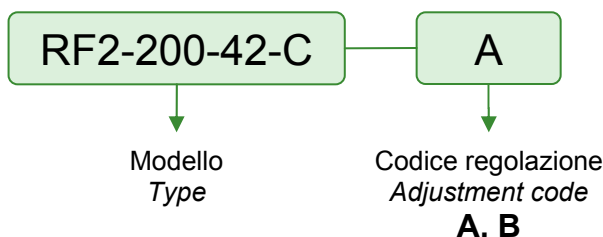
Vite esterna esagono incassato
Leakproof hex socket screw

B

Manopola
Handknob



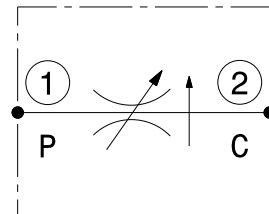
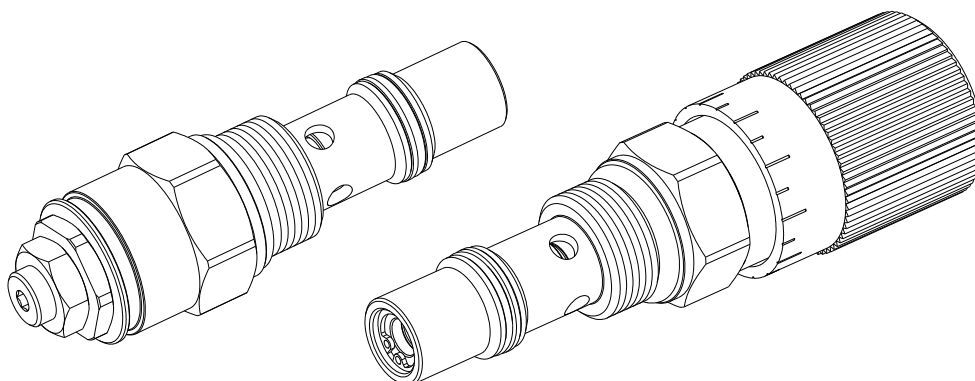
Sigla di ordinazione / Ordering code



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

mod. **RF2-70-12-C**



Portata massima Max flow	70 l/min
Portata regolata Regulated flow	0 ÷ 70 l/min
Pressione massima Max pressure	350 bar
Coppia di serraggio Installation torque	80 ÷ 100 Nm

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performaces 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

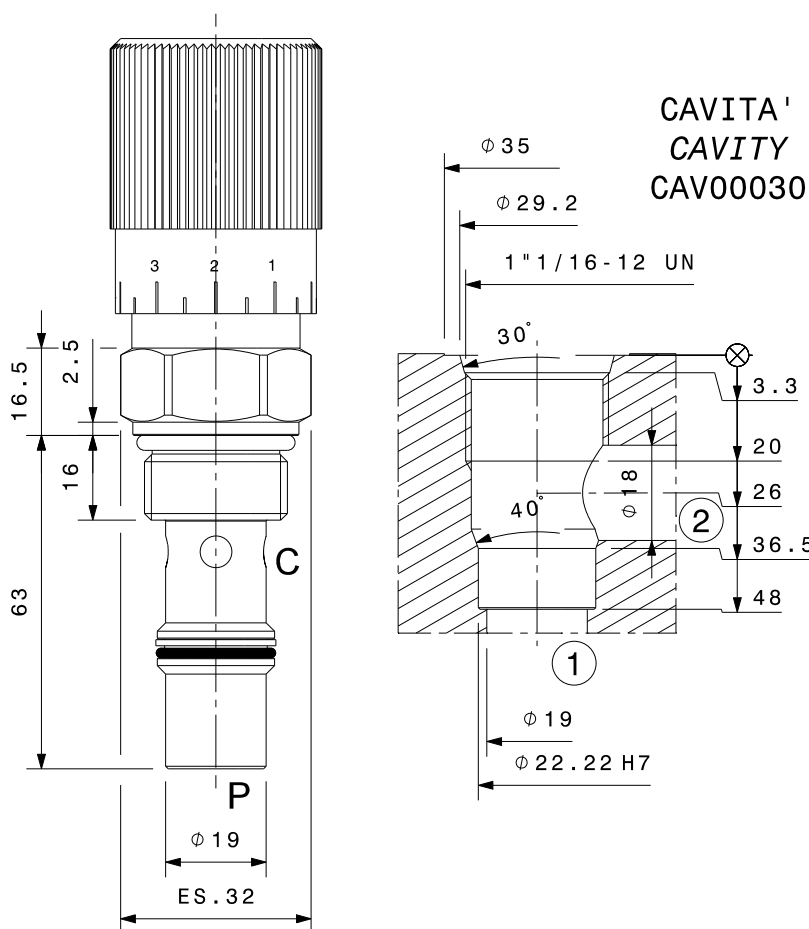
Regolazioni / Adjustments

A

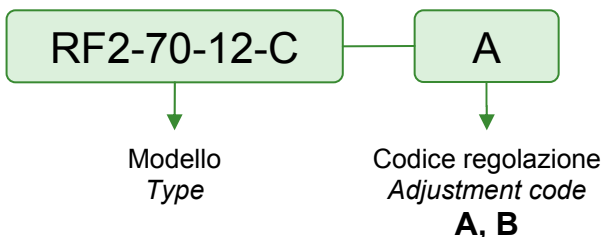
Vite esterna esagono incassato
Leakproof hex socket screw

B

Manopola Handknob



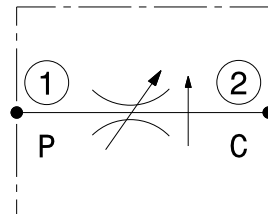
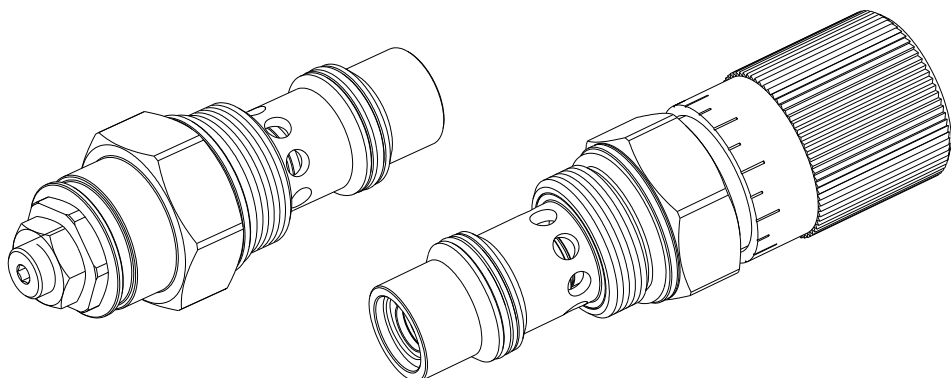
Sigla di ordinazione / Ordering code



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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 <i>Max flow</i>	130 l/min
Portata regolata <i>Regulated flow</i>	0 ÷ 130 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	180 ÷ 210 Nm

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

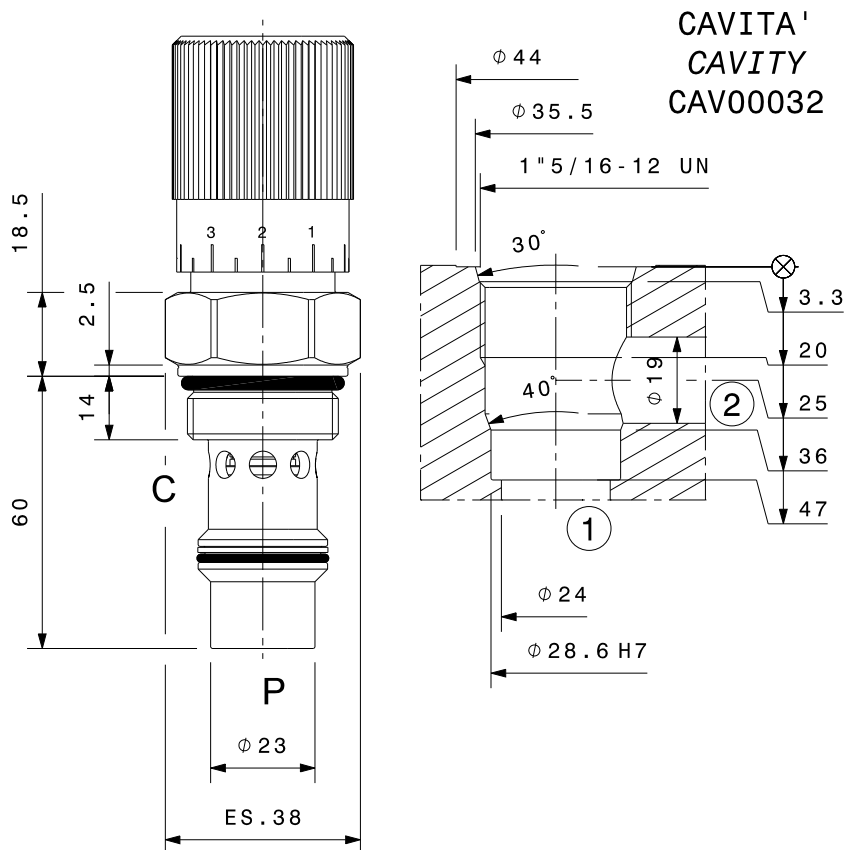
Regolazioni
Adjustments

A

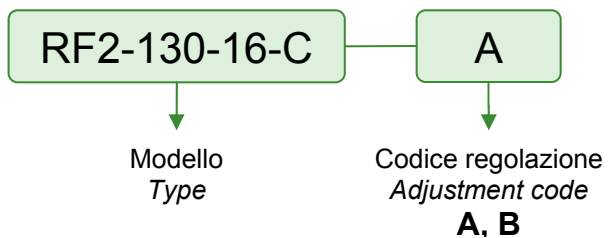
Vite esterna esagono incassato
Leakproof hex socket screw

B

Manopola
Handknob



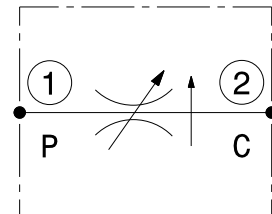
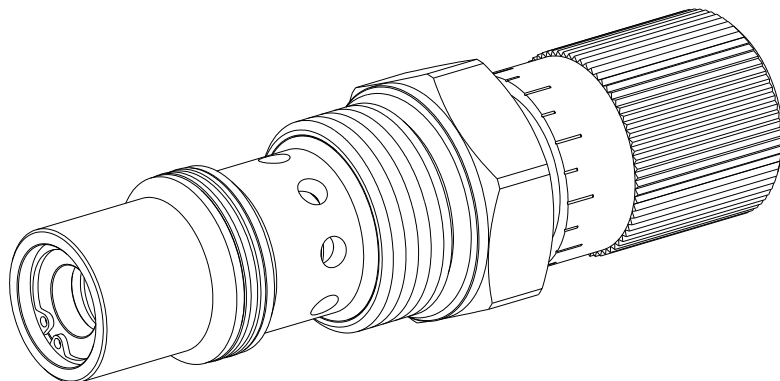
Sigla di ordinazione / Ordering code



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 <i>Max flow</i>	200 l/min
Portata regolata <i>Regulated flow</i>	0 ÷ 200 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	220 ÷ 250 Nm

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

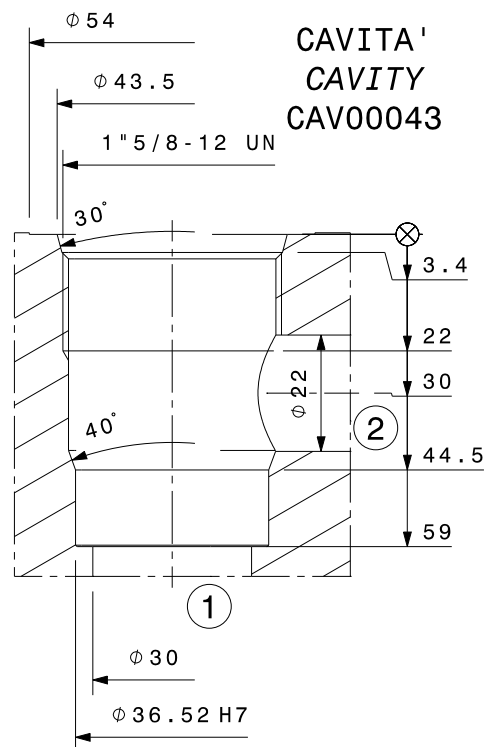
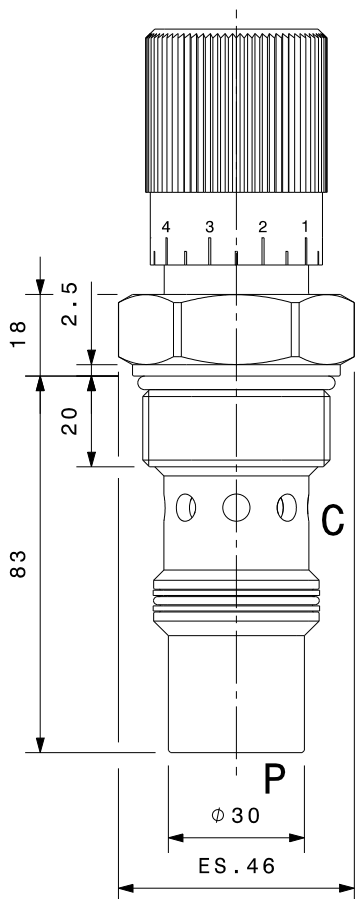
Regolazioni
Adjustments

A

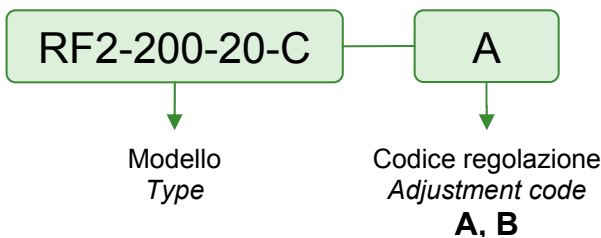
Vite esterna esagono incassato
Leakproof hex socket screw

B

Manopola
Handknob



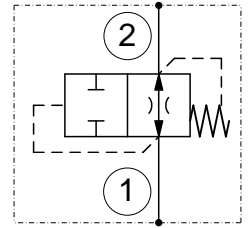
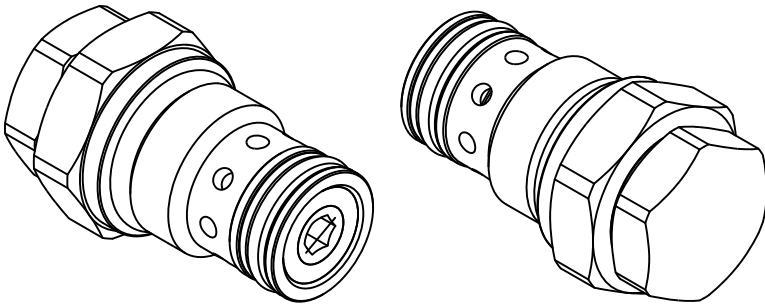
Sigla di ordinazione / Ordering code



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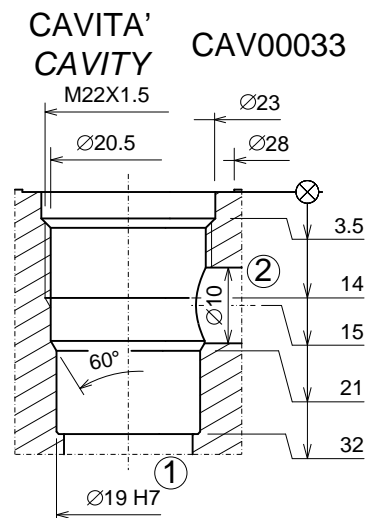
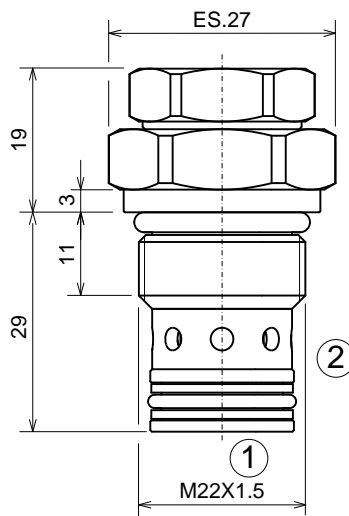
Regolatore di flusso 2 vie compensato a cartuccia
 Flow regulator, 2 ways, pressure compensated – cartridge type

mod. RF2F-22-C



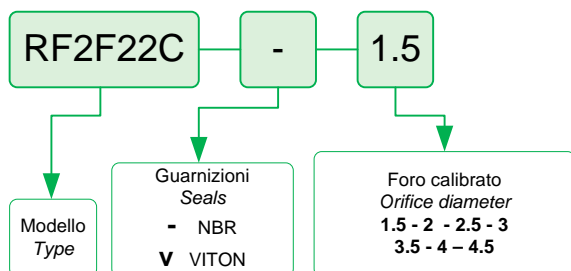
Portata massima Maximum flow	36 l/min 9,5 gpm
Pressione massima Maximum pressure	350 bar 5000 psi
Coppia di serraggio Installation torque	45 ÷ 50 Nm 33 ÷ 37 lbf ft

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.

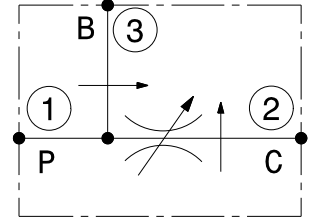
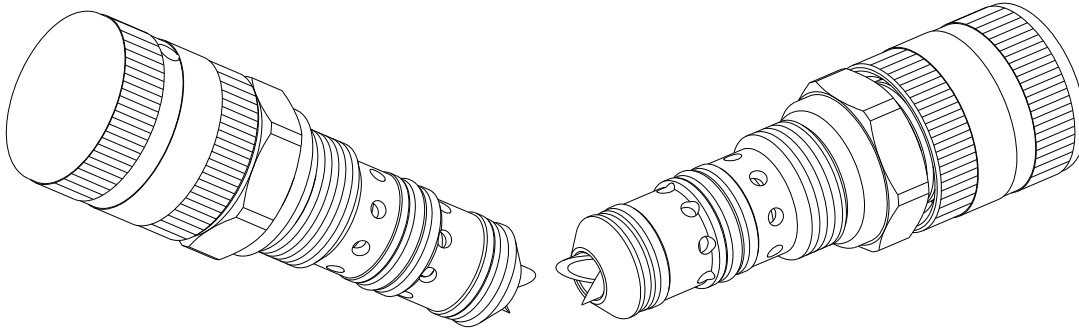
Sigla di ordinazione – Ordering code



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 <i>Max flow</i>	40 l/min
Portata regolata <i>Regulated flow</i>	0 ÷ 25 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	45 ÷ 50 Nm

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

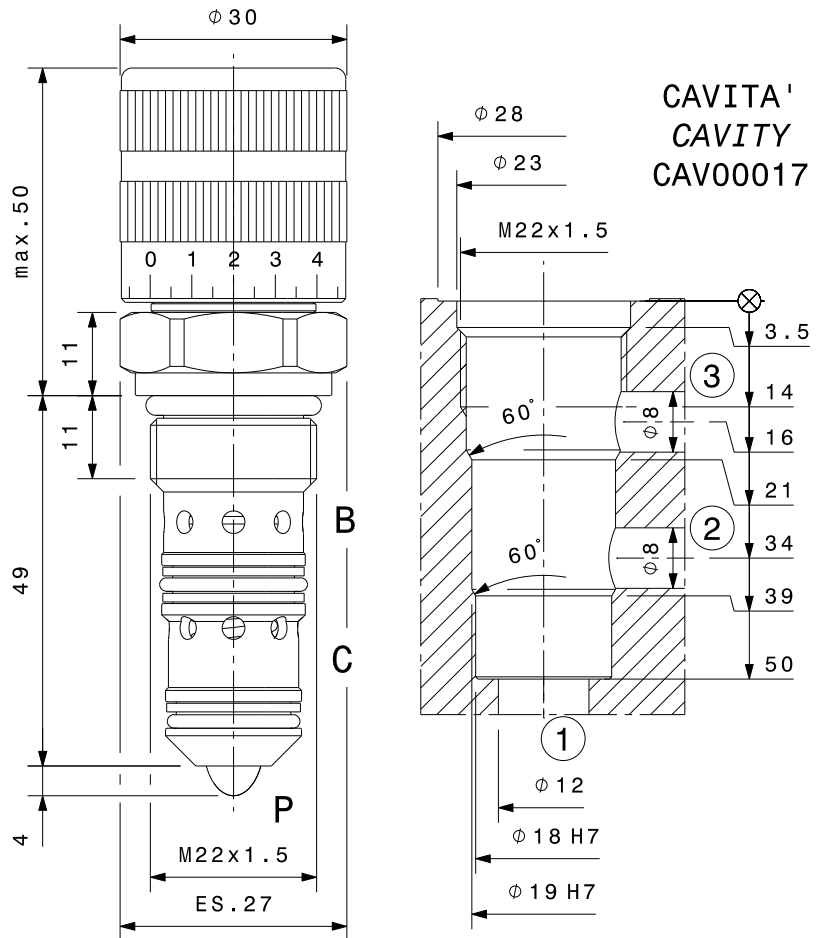
Regolazioni
Adjustments

A

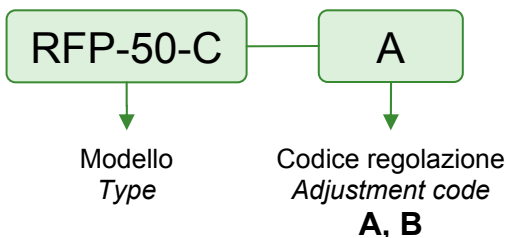
Manopola con vite di bloccaggio
Handknob with locking screw

B

Manopola
Handknob



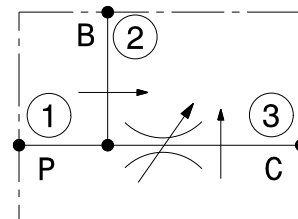
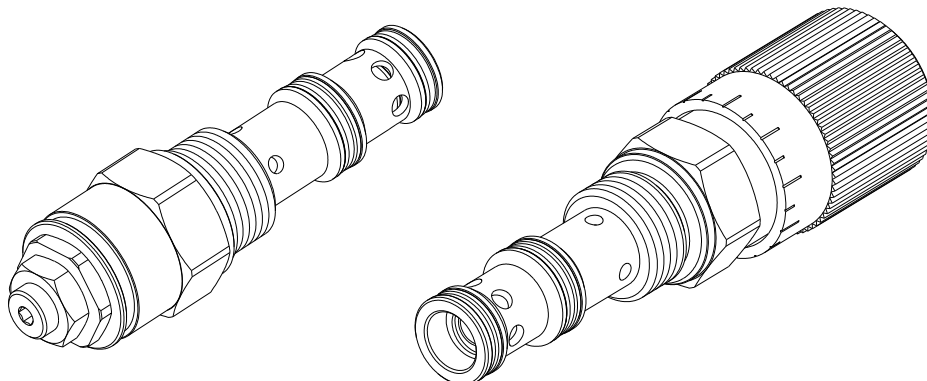
Sigla di ordinazione / Ordering code



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

mod. **RFP-90-C**



Portata massima <i>Max flow</i>	90 l/min
Portata regolata <i>Regulated flow</i>	2 ÷ 50 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	80 ÷ 100 Nm

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

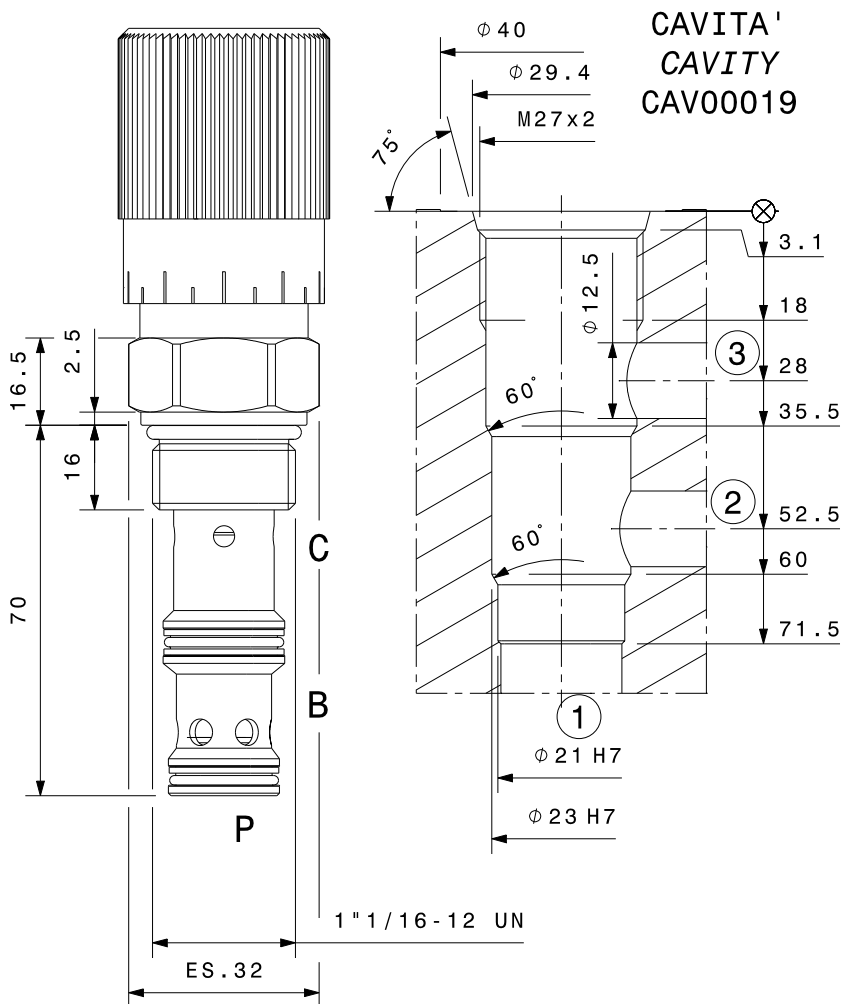
Regolazioni
Adjustments

A

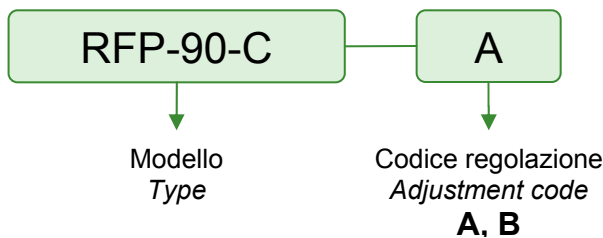
Vite esterna esagono incassato
Leakproof hex socket screw

B

Manopola
Handknob



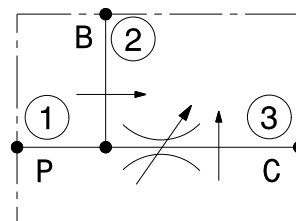
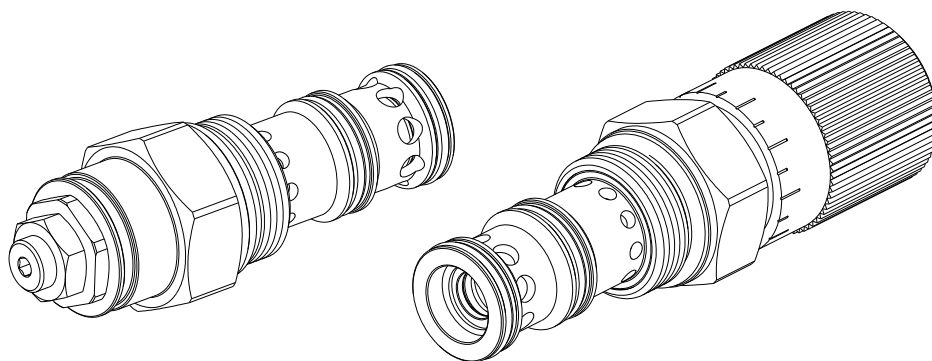
Sigla di ordinazione / Ordering code



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

mod. **RFP-150-33-C**



Portata massima <i>Max flow</i>	150 l/min
Portata regolata <i>Regulated flow</i>	5 ÷ 100 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	180 ÷ 210 Nm

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

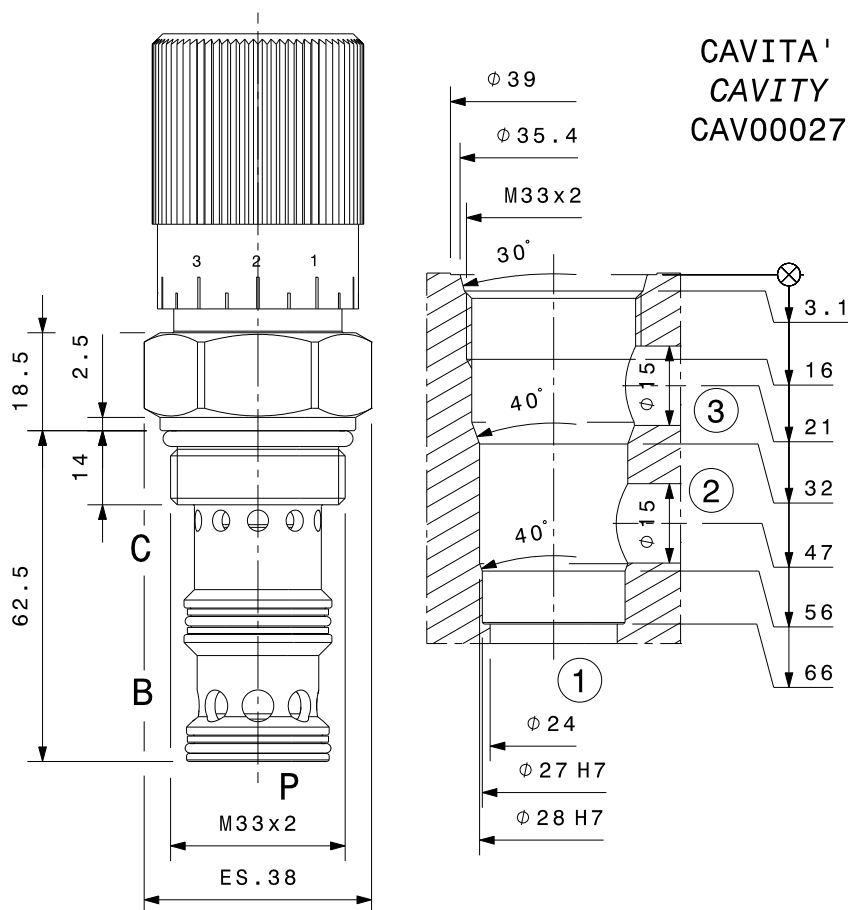
ES . 4
ES . 18
max . 55

Vite esterna esagono incassato
Leakproof hex socket screw

B

Ø 40
max . 80

Manopola
Handknob



Sigla di ordinazione / Ordering code

RFP-150-33-C

↓

Modello
Type

A

↓

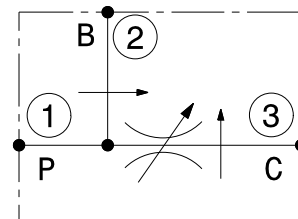
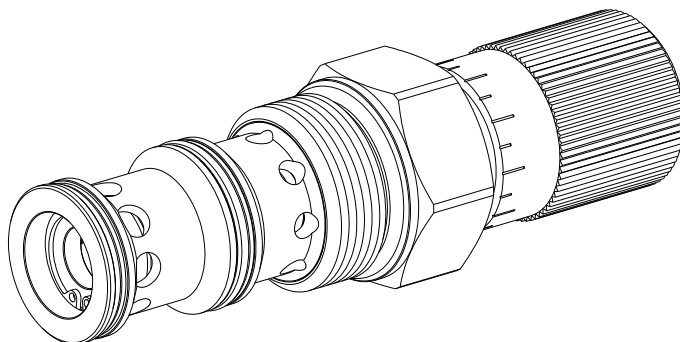
Codice regolazione
Adjustment code

A, B

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-250-42-C**



Portata massima <i>Max flow</i>	250 l/min
Portata regolata <i>Regulated flow</i>	5 ÷ 170 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	240 ÷ 260 Nm

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

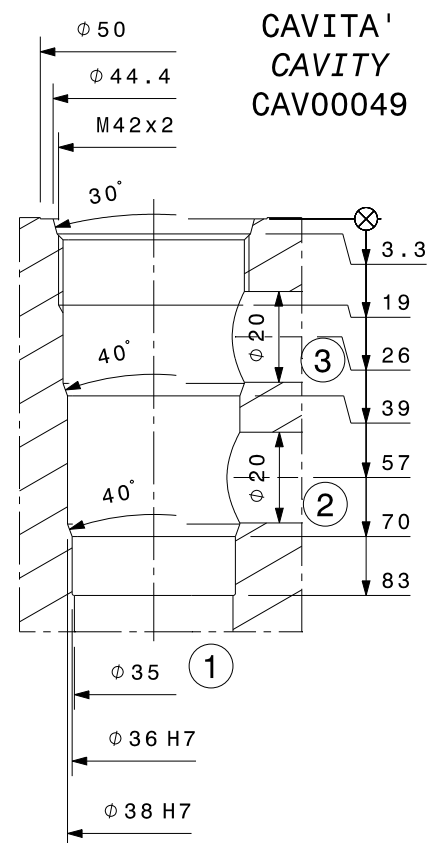
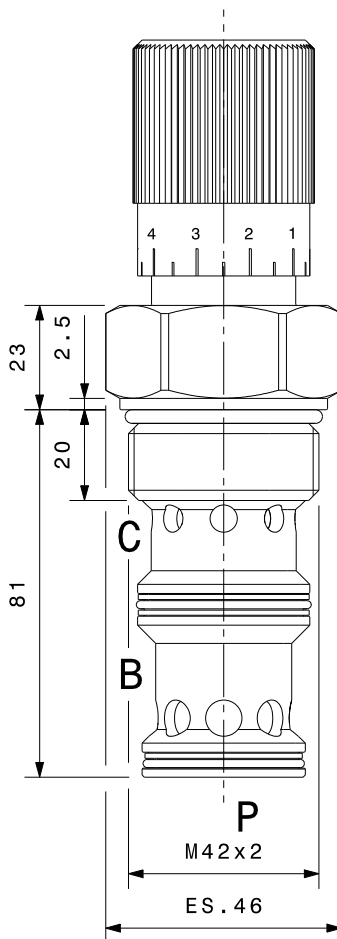
Regolazioni
Adjustments

A

Vite esterna
esagono incassato
*Leakproof hex
socket screw*

B

Manopola
Handknob



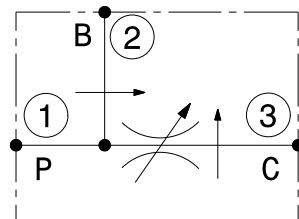
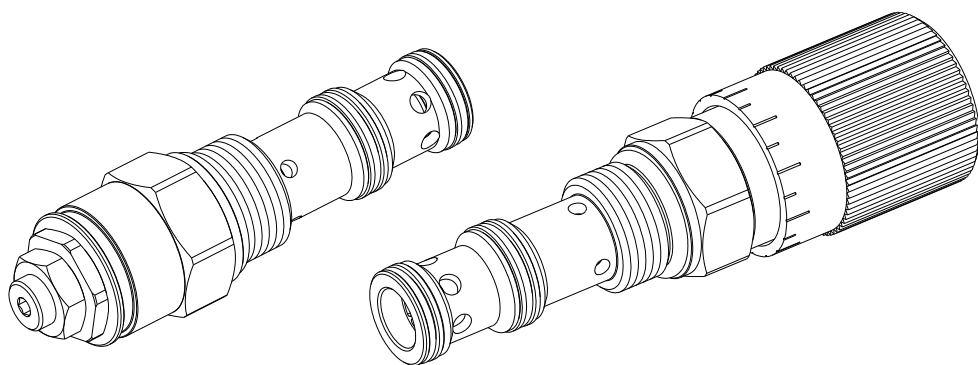
Sigla di ordinazione / Ordering code

RFP-250-42-C	A
↓	↓
Modello <i>Type</i>	Codice regolazione <i>Adjustment code</i> A, B

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 <i>Max flow</i>	90 l/min
Portata regolata <i>Regulated flow</i>	2 ÷ 50 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	80 ÷ 100 Nm

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

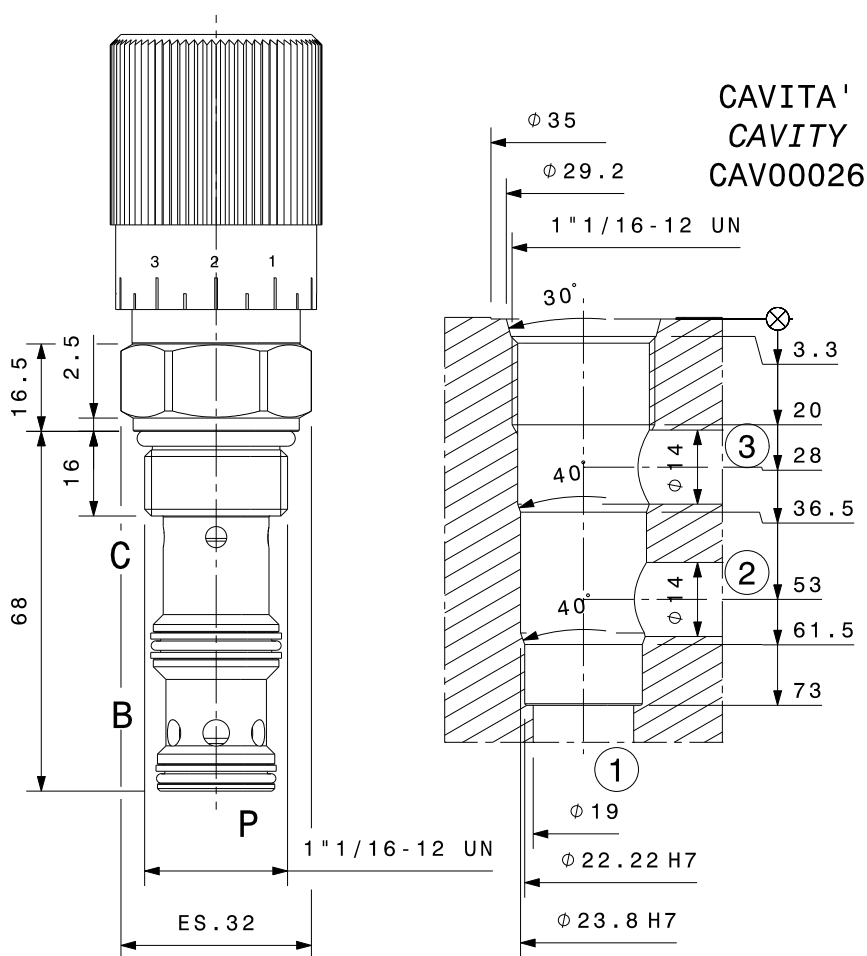
Regolazioni
Adjustments

A

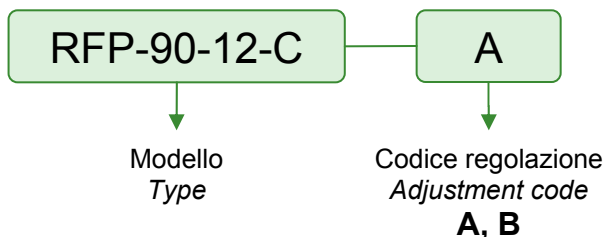
Vite esterna esagono incassato
Leakproof hex socket screw

B

Manopola
Handknob



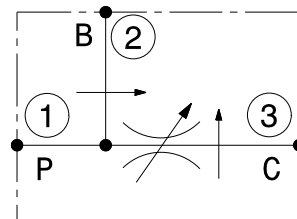
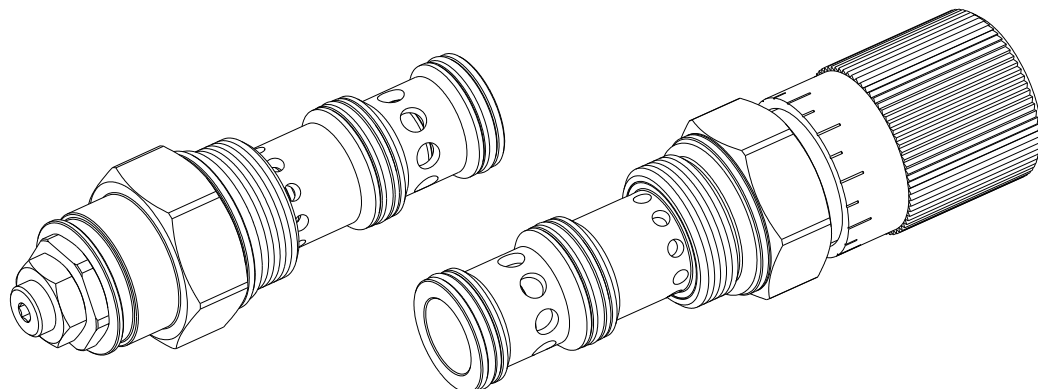
Sigla di ordinazione / Ordering code



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Valvola regolatrice di flusso compensata, 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
Portata regolata <i>Regulated flow</i>	5 ÷ 100 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	180 ÷ 210 Nm

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

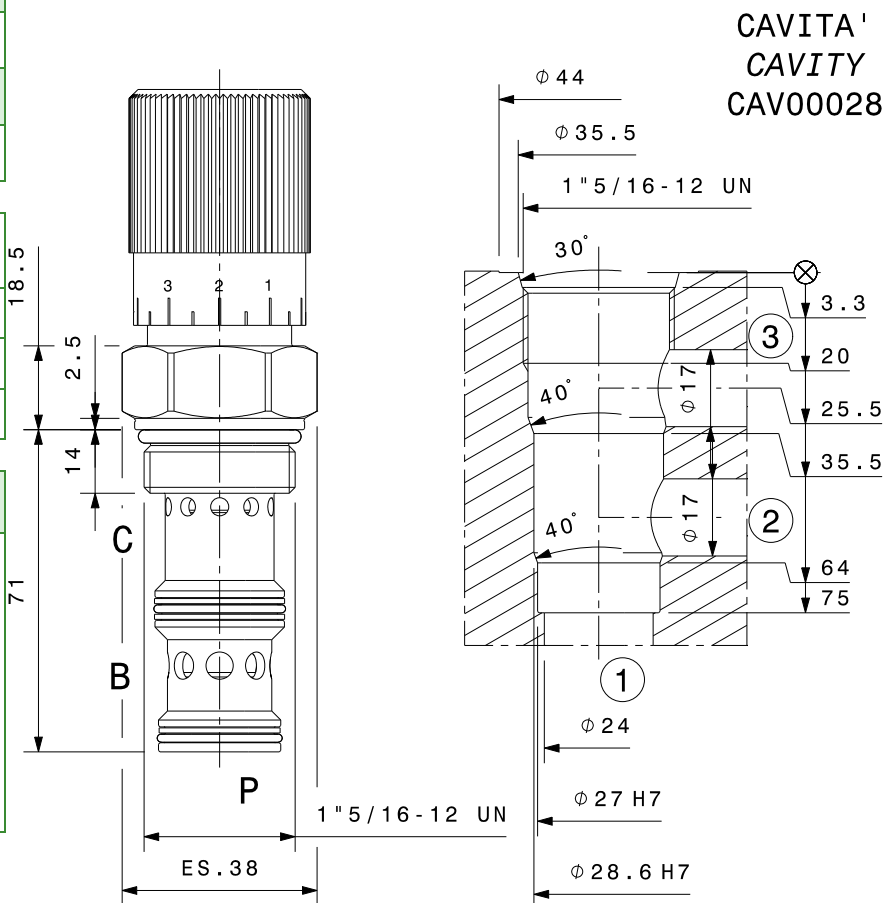
Regolazioni
Adjustments

A

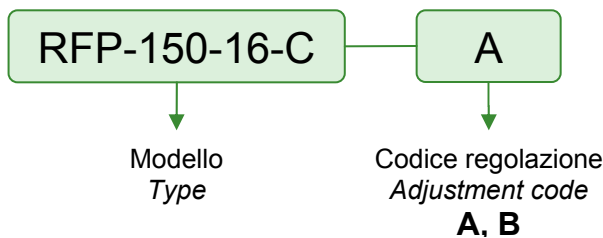
Vite esterna esagono incassato
Leakproof hex socket screw

B

Manopola
Handknob



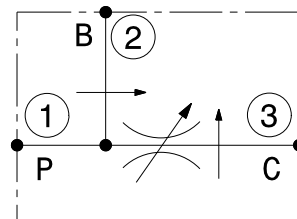
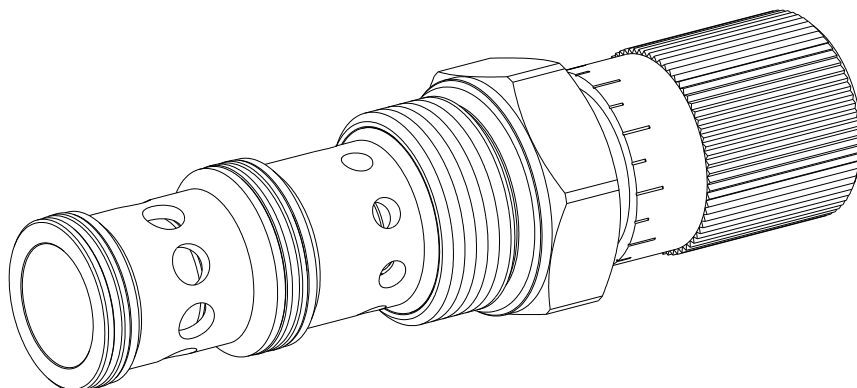
Sigla di ordinazione / Ordering code



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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 <i>Max flow</i>	250 l/min
Portata regolata <i>Regulated flow</i>	5 ÷ 170 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	240 ÷ 260 Nm

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

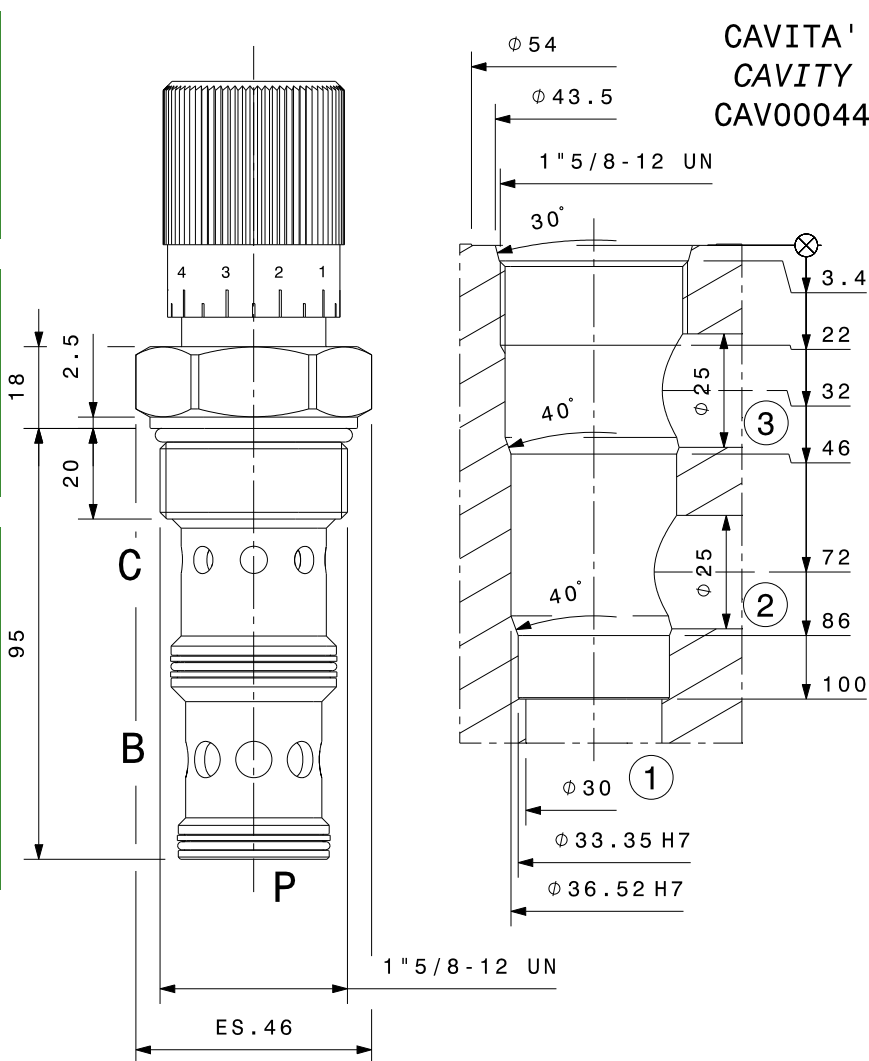
Regolazioni
Adjustments

A

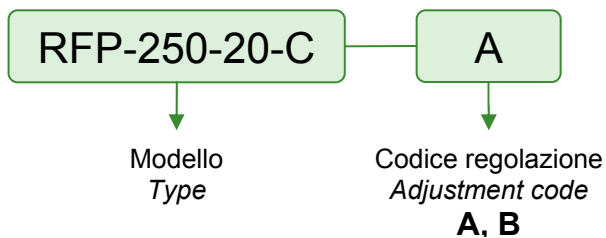
Vite esterna esagono incassato
Leakproof hex socket screw

B

Manopola
Handknob



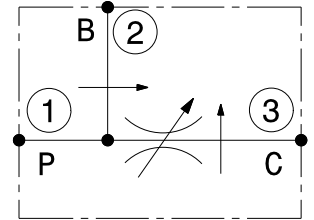
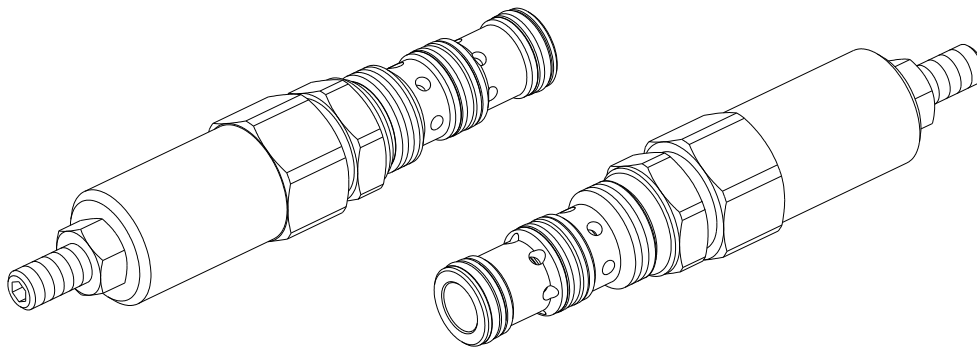
Sigla di ordinazione / Ordering code



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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

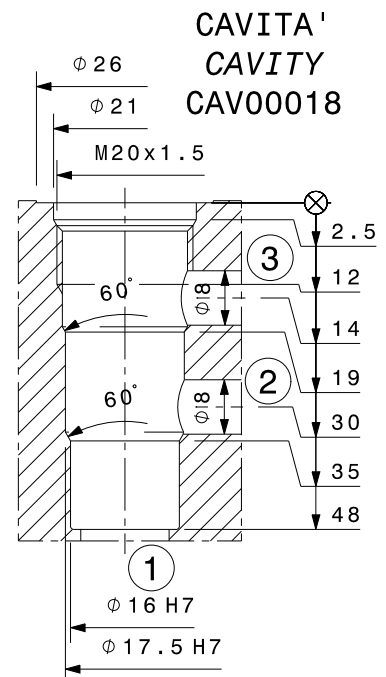
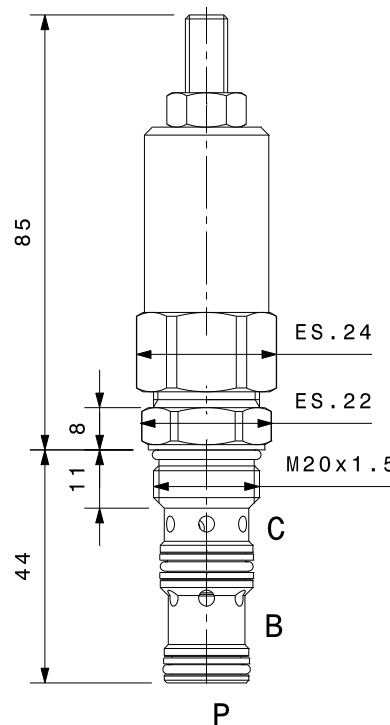
mod. RF-C3



Portata massima Max flow	40 l/min
Portata regolata Regulated flow	2 ÷ 35 l/min
Pressione massima Max pressure	350 bar
Coppia di serraggio Installation torque	27 ÷ 30 Nm

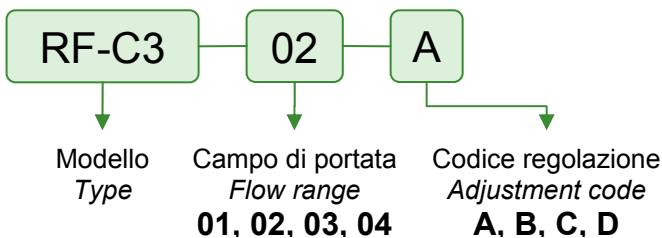
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C	
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute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

Codice Code	Campo di portata Flow range
01	2 ÷ 6 l/min
02	5 ÷ 10 l/min
03	10 ÷ 18 l/min
04	20 ÷ 35 l/min



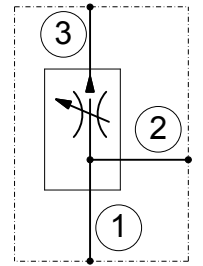
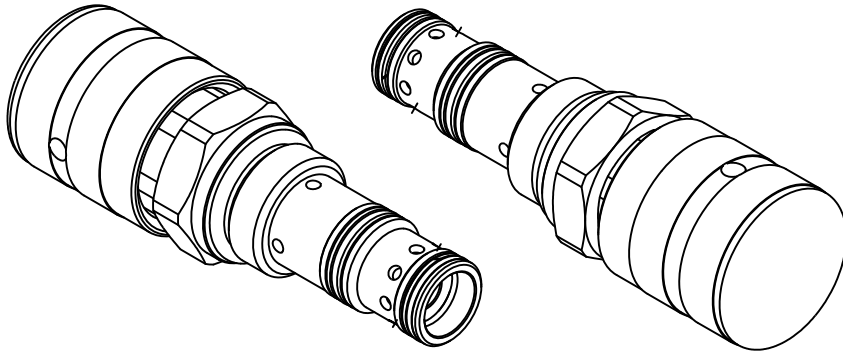
Regolazioni Adjustments	A ES. 4 ES. 13 Vite esterna esagono incassato Leakproof hex socket screw max. 85	B Ø 40 ES. 13 Volantino e dado Handknob and locknut max. 115	C 86 Piombatura Sealing cap	D 87 ES. 14 ES. 13 Cappello Cap
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Sigla di ordinazione / Ordering code



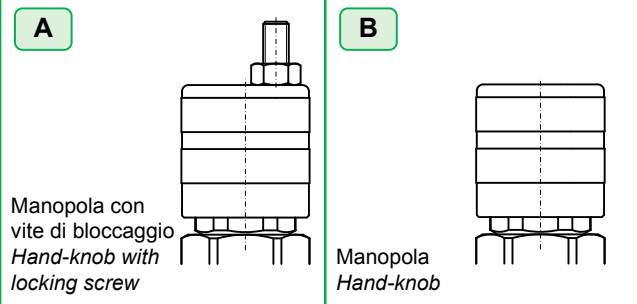
I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.
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Regolatore di flusso prioritario a cartuccia
 Pressure compensated flow regulator – cartridge type
 mod. RFP-10-C

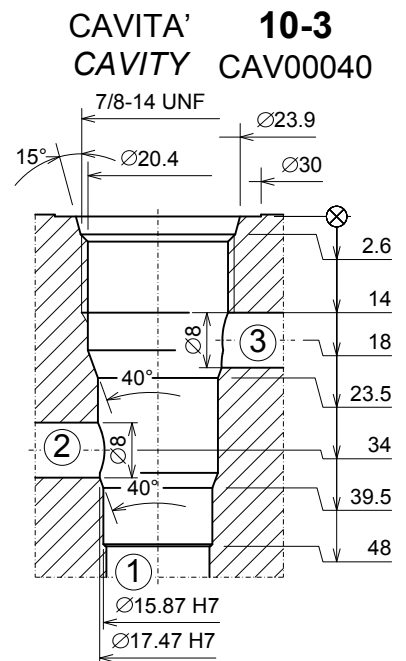
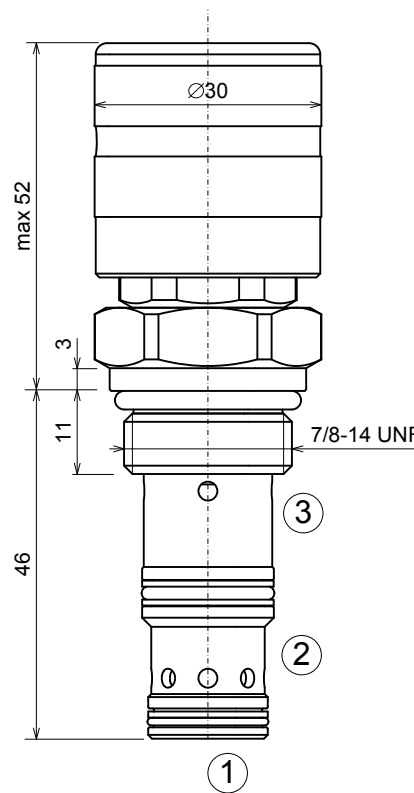


Portata massima in ingresso <i>Maximum inflow</i>	50 l/min 13 gpm
Portata regolata <i>Regulated flow</i>	0÷35 l/min 0÷9 gpm
Pressione massima <i>Maximum pressure</i>	350 bar 5000 psi
Coppia di serraggio <i>Installation torque</i>	40 ÷ 45 Nm 30 ÷ 34 lbf ft

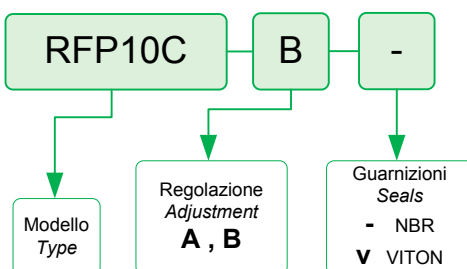
Regolazioni
Adjustments



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.

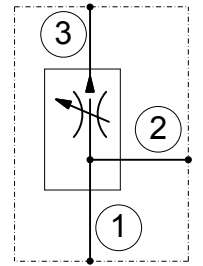
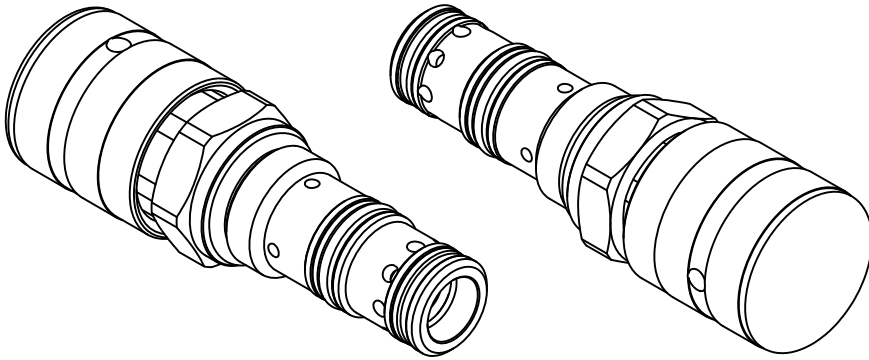


Sigla di ordinazione – Ordering code



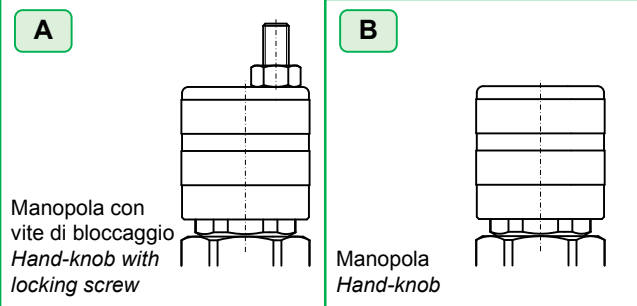
I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.
 The specifications are not binding. CBF reserves the right to introduce modifications without notice.

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

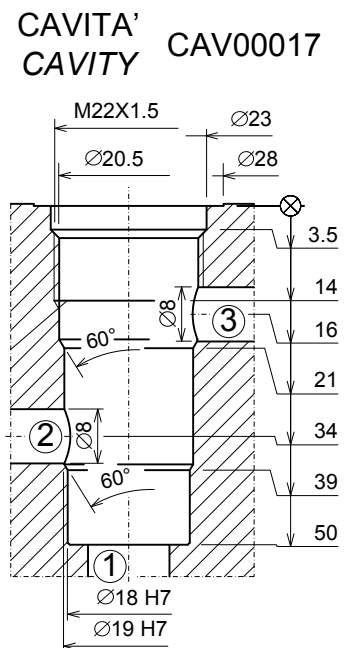
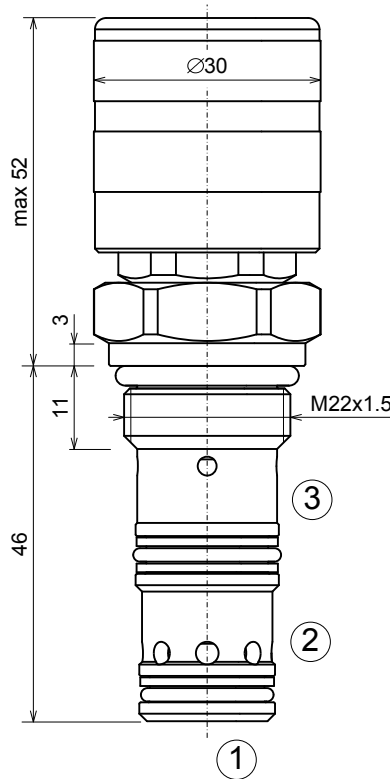


Portata massima in ingresso <i>Maximum inflow</i>	50 l/min 13 gpm
Portata regolata <i>Regulated flow</i>	0÷35 l/min 0÷9 gpm
Pressione massima <i>Maximum pressure</i>	350 bar 5000 psi
Coppia di serraggio <i>Installation torque</i>	40 ÷ 45 Nm 30 ÷ 34 lbf ft

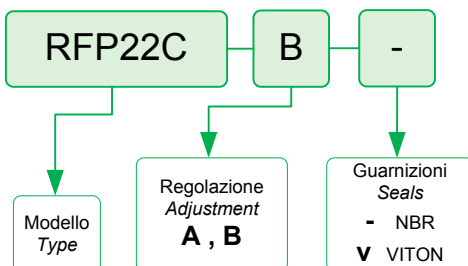
Regolazioni
Adjustments



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.



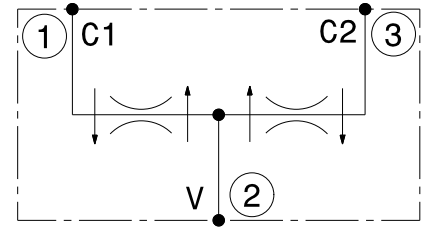
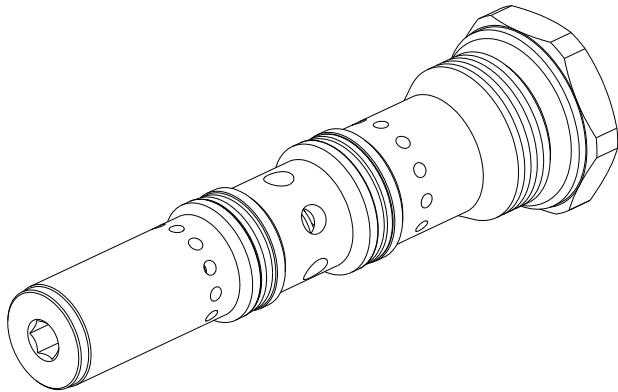
Sigla di ordinazione – *Ordering code*



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

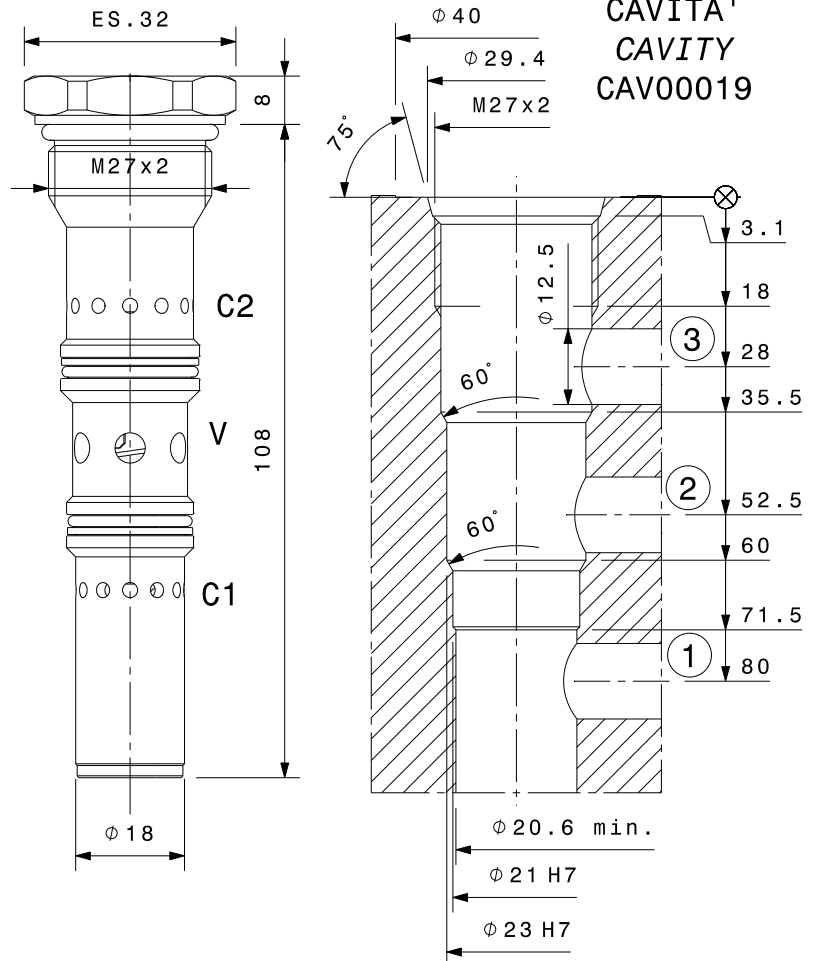
mod. DFR-C



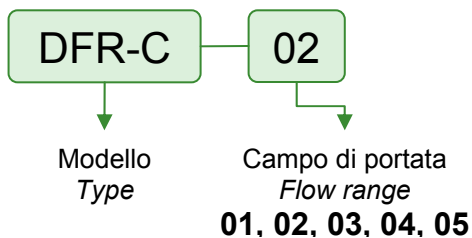
Portata massima Max flow	70 l/min
Pressione massima Max pressure	350 bar
Coppia di serraggio Installation torque	80 ÷ 100 Nm

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
Temperatura 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
02	7 ÷ 12 l/min
03	13 ÷ 25 l/min
04	26 ÷ 40 l/min
05	40 ÷ 70 l/min



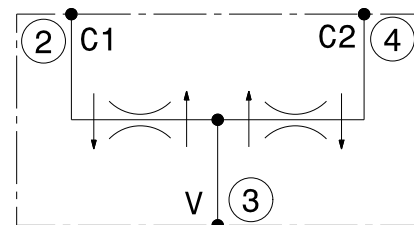
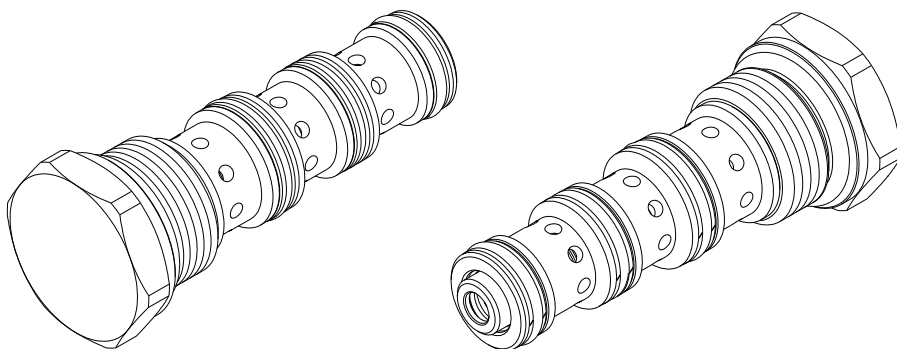
Sigla di ordinazione / Ordering code



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.

Divisore – riunificatore di flusso a cartuccia
 Flow divider combiner – cartridge type

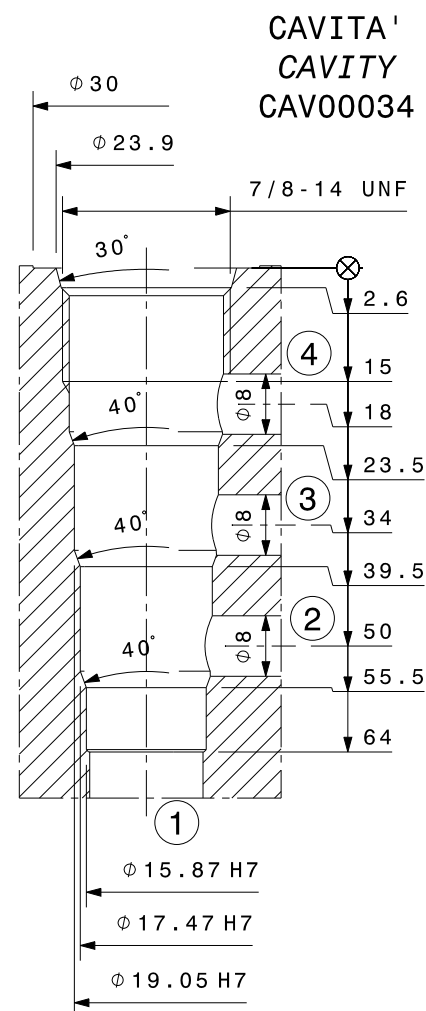
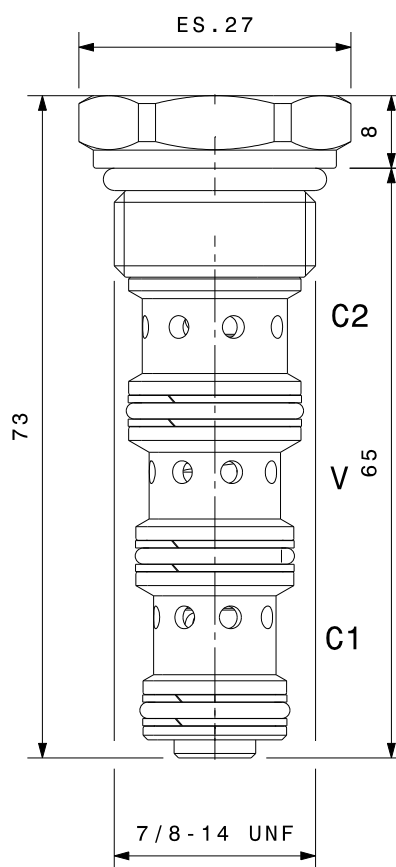
mod. **DFR-10-C**



Portata massima <i>Max flow</i>	40 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	35 ÷ 40 Nm

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

Codice <i>Code</i>	Campo di portata <i>Flow range</i>
01	2 ÷ 4 l/min
02	4 ÷ 7 l/min
03	7 ÷ 12 l/min
04	10 ÷ 16 l/min
05	15 ÷ 25 l/min
06	25 ÷ 40 l/min



Sigla di ordinazione / Ordering code

DFR-10-C — **02**

Modello
Type

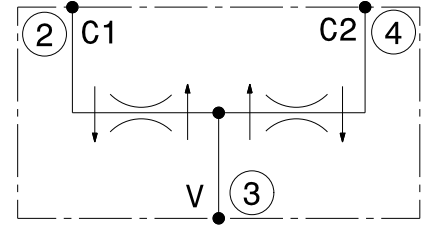
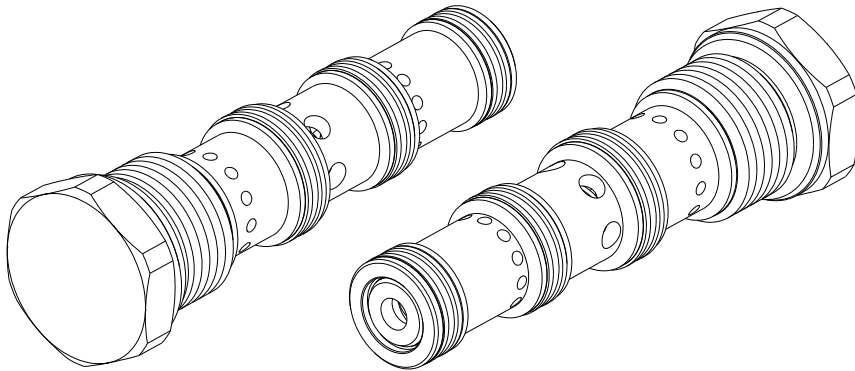
Campo di portata
Flow range

01, 02, 03, 04, 05, 06

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 a cartuccia
 Flow divider combiner – cartridge type

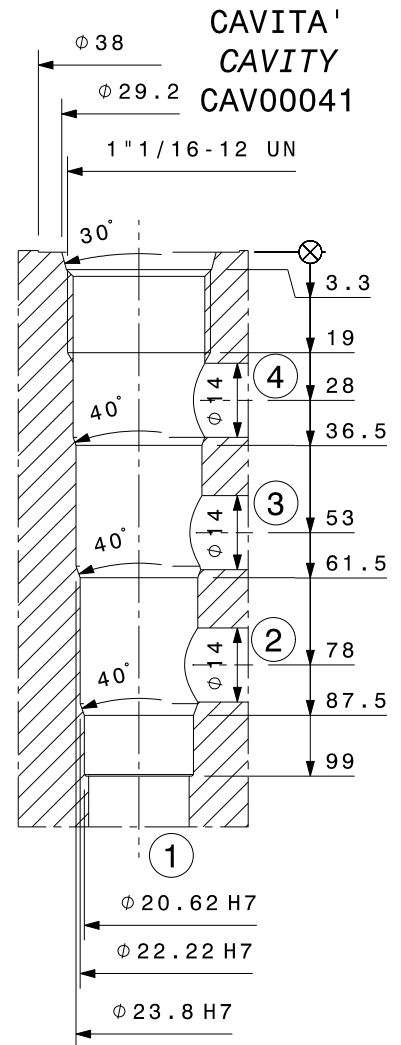
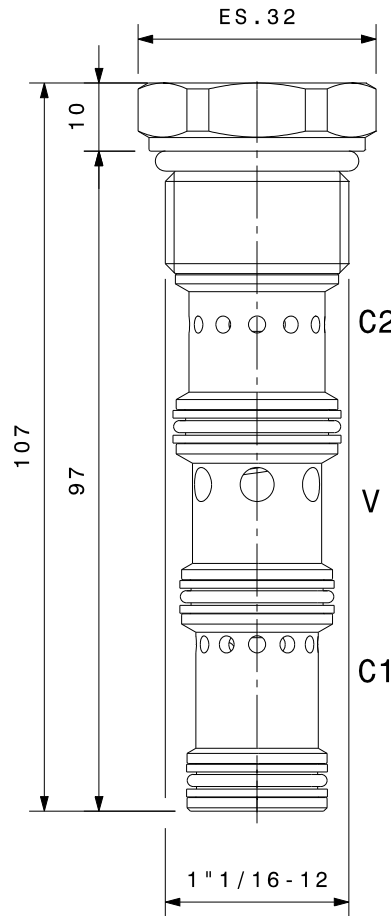
mod. **DFR-12-C**



Portata massima Max flow	70 l/min
Pressione massima Max pressure	350 bar
Coppia di serraggio Installation torque	80 ÷ 100 Nm

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
Temperatura 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
02	7 ÷ 12 l/min
03	13 ÷ 25 l/min
04	26 ÷ 40 l/min
05	40 ÷ 70 l/min



Sigla di ordinazione / Ordering code

DFR-12-C — **02**

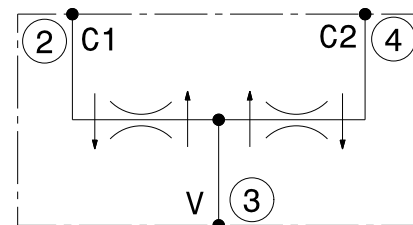
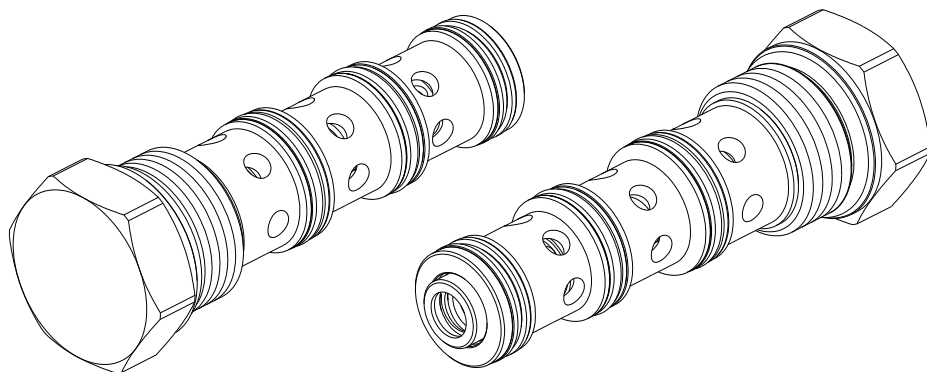
Modello
Type

Campo di portata
Flow range
01, 02, 03, 04, 05

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 a cartuccia
 Flow divider combiner – cartridge type

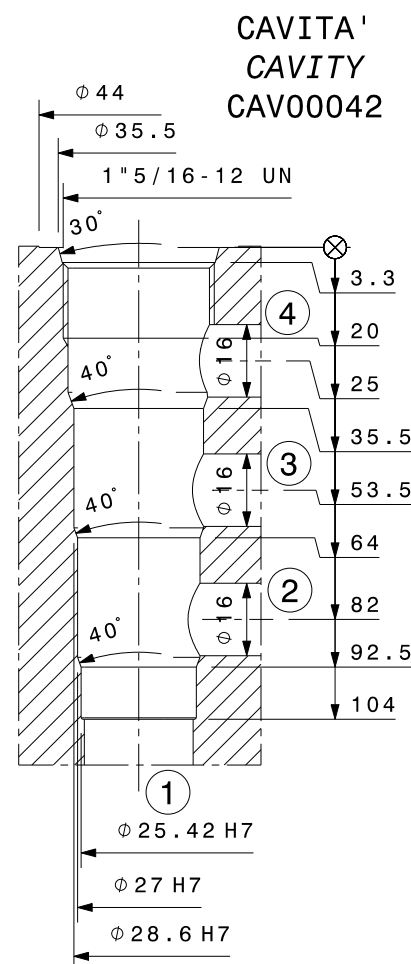
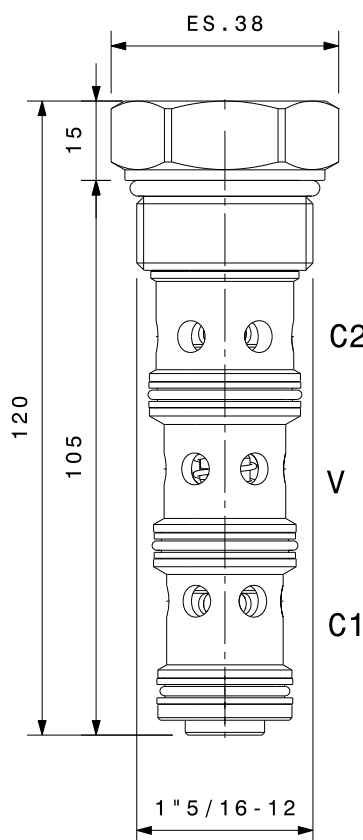
mod. **DFR-16-C**



Portata massima <i>Max flow</i>	150 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	180 ÷ 210 Nm

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

Codice <i>Code</i>	Campo di portata <i>Flow range</i>
01	20 ÷ 32 l/min
02	31 ÷ 50 l/min
03	39 ÷ 64 l/min
04	61 ÷ 100 l/min
05	92 ÷ 150 l/min



Sigla di ordinazione / Ordering code

DFR-16-C — **02**

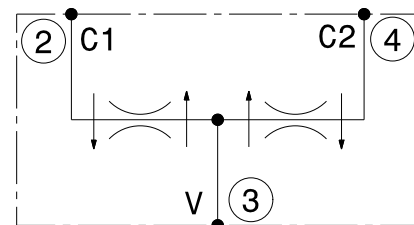
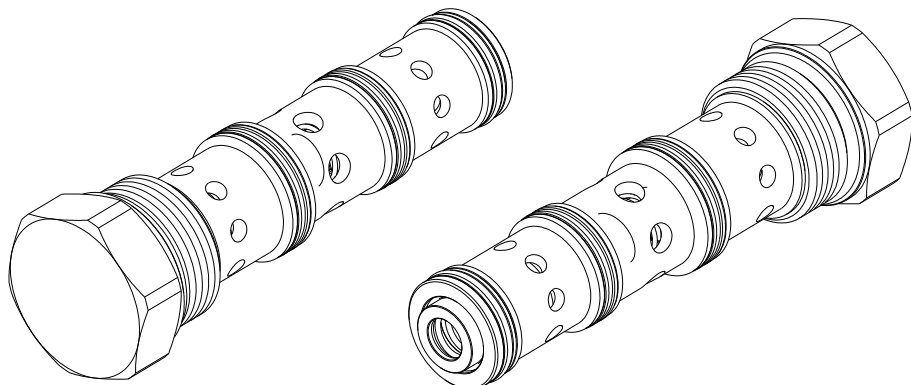
Modello
Type

Campo di portata
Flow range
01, 02, 03, 04, 05

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 a cartuccia
 Flow divider combiner – cartridge type

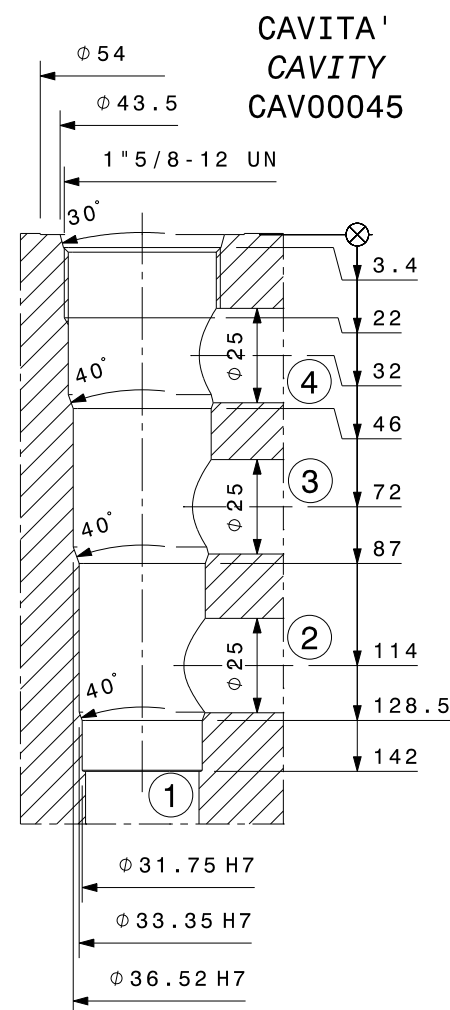
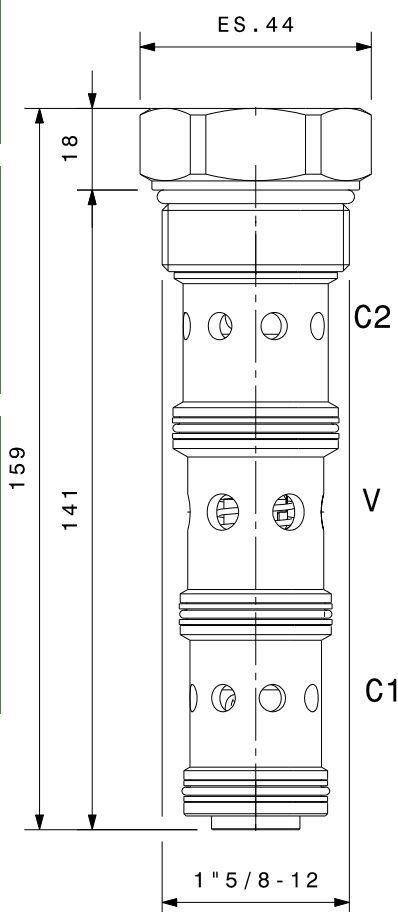
mod. **DFR-20-C**



Portata massima <i>Max flow</i>	250 l/min
Pressione massima <i>Max pressure</i>	350 bar
Coppia di serraggio <i>Installation torque</i>	240 ÷ 260 Nm

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

Codice <i>Code</i>	Campo di portata <i>Flow range</i>
01	40 ÷ 70 l/min
02	60 ÷ 100 l/min
03	90 ÷ 140 l/min
04	120 ÷ 200 l/min
05	150 ÷ 250 l/min



Sigla di ordinazione / Ordering code

DFR-20-C — **02**

Modello
Type

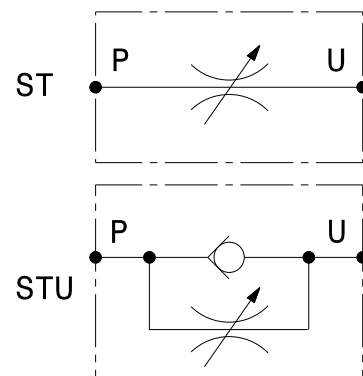
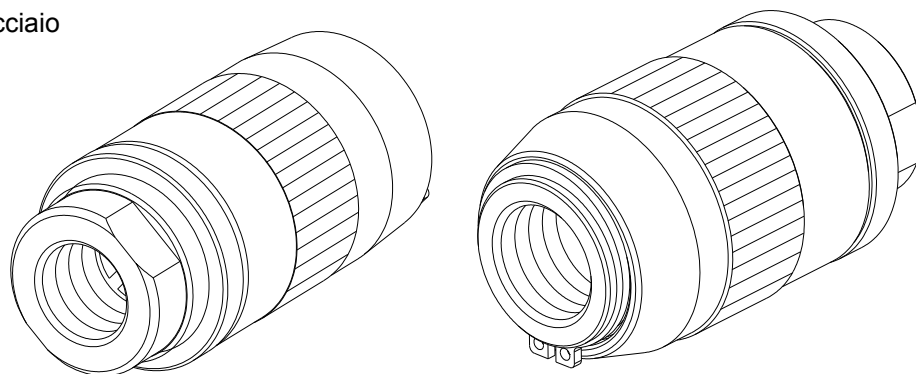
Campo di portata
Flow range
01, 02, 03, 04, 05

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 / Strozzatore unidirezionale
 Needle valve / unidirectional needle valve

mod. **ST / STU**

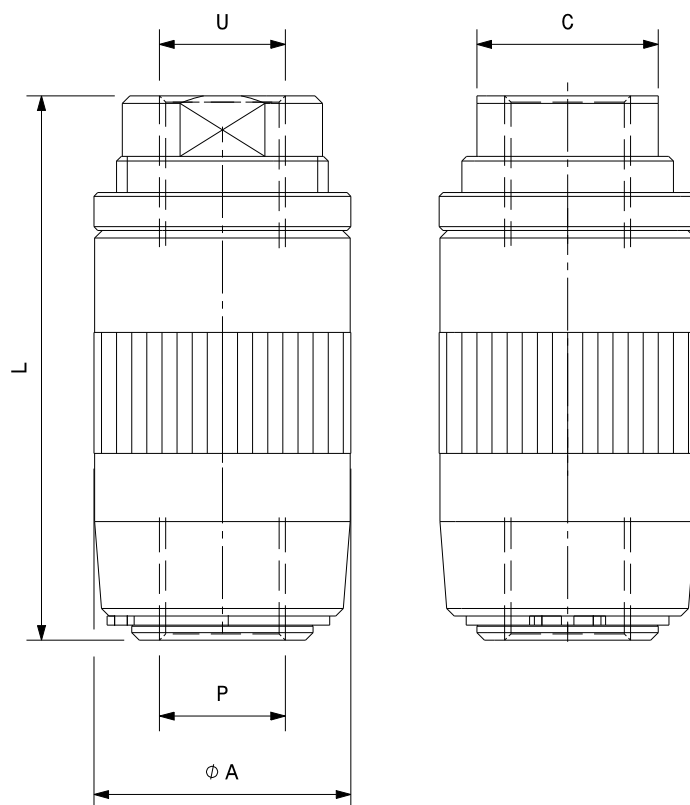
Corpo in acciaio
 Steel body



Modello Type	P U	A	L	C	Portata massima Max flow l/min	Pressione max Max pressure bar
ST-14	1/4" GAS	27	61	17	25	350
STU-14	1/4" GAS	27	61	17	25	350
ST-38	3/8" GAS	34	72	24	40	350
STU-38	3/8" GAS	34	72	24	40	350
ST-12	1/2" GAS	40	72	27	60	350
STU-12	1/2" GAS	40	72 <td 27	60	350	
ST-34	3/4" GAS	50	100	32	120	350
STU-34	3/4" GAS	50	100	32	120	350
ST-10	1" GAS	60	115	41	200	300
STU-10	1" GAS	60	115	41	200	300

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

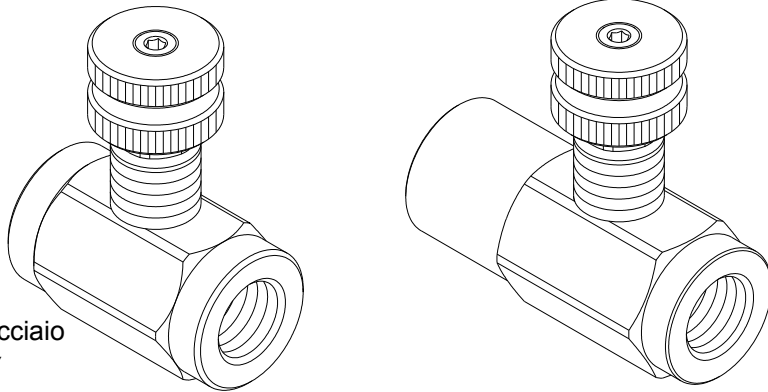
STU-34

Modello
Type

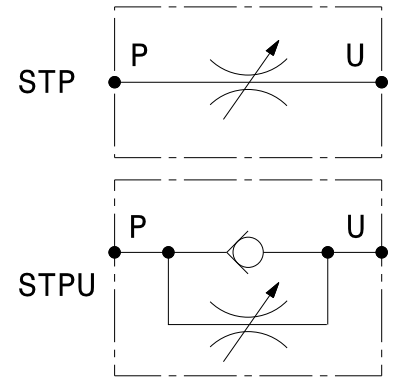
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Strozzatore / Strozzatore unidirezionale
 Needle valve / unidirectional needle valve

mod. **STP / STPU**

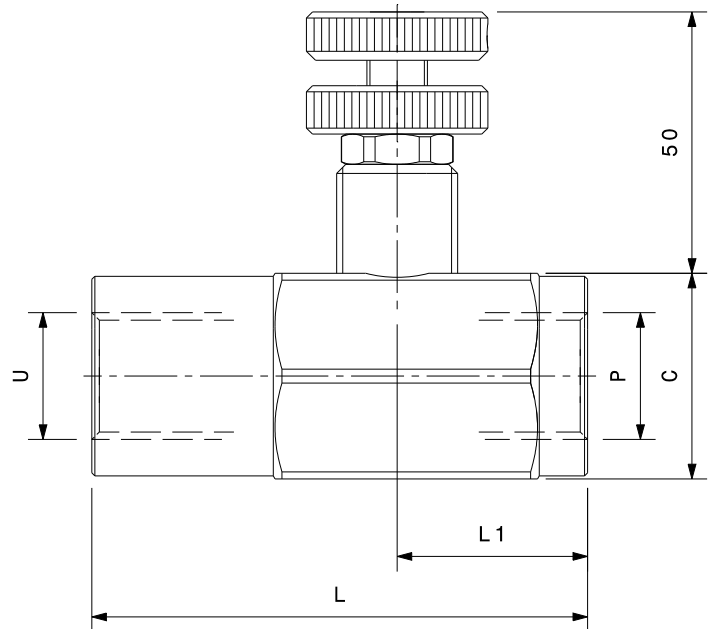


Corpo in acciaio
 Steel body



Modello Type	P U	L	L1	C	Portata massima Max flow l/min	Pressione max Max pressure bar
STP-14	1/4" GAS	50	25	27	15	350
STPU-14	1/4" GAS	72	27	27	15	350
STP-38	3/8" GAS	55	27.5	30	30	350
STPU-38	3/8" GAS	77	28.5	30	30	350
STP-12	1/2" GAS	60	30	34	45	350
STPU-12	1/2" GAS	82	31.5	34	45	350
STP-34	3/4" GAS	65	32.5	39	85	300
STPU-34	3/4" GAS	87	35	39	85	300

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performaces 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



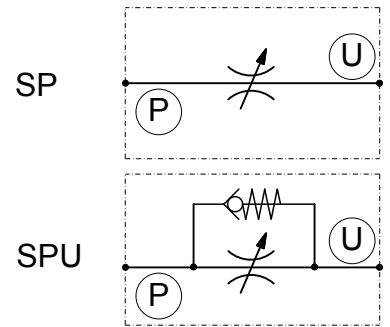
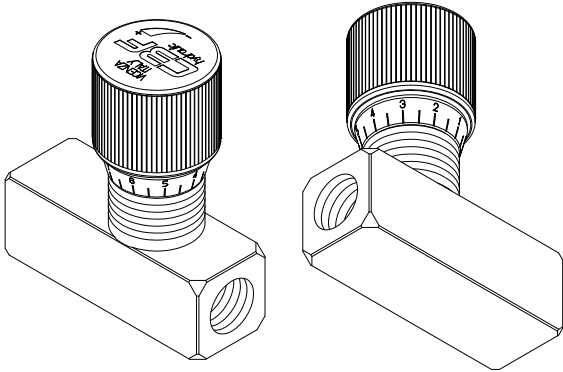
Sigla di ordinazione / Ordering code

STP-12

Modello
Type

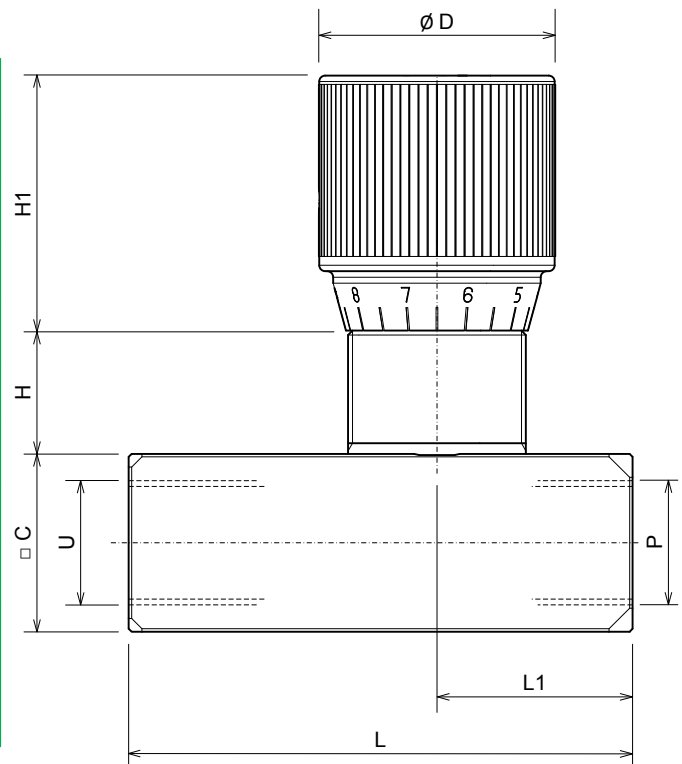
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Strozzatore / Strozzatore unidirezionale
Needle valve / Unidirectional needle valve
mod. SP / SPU

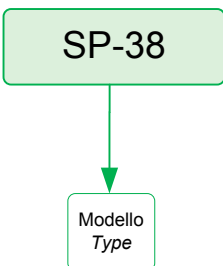


Modello Type	P,U	C	L	L1	D	H	H1	Portata max Max flow	Pressione max Max pressure
SP-14	G 1/4	20	52	26	30	17	33	15 l/min 4 gpm	350 bar 5075 psi
SPU-14	G 1/4	20	66	26	30	17	33	15 l/min 4 gpm	350 bar 5075 psi
SP-38	G 3/8	25	60	30	35	20	35	30 l/min 8 gpm	350 bar 5075 psi
SPU-38	G 3/8	25	75	30	35	20	35	30 l/min 8 gpm	350 bar 5075 psi
SP-12	G 1/2	30	66	33	40	21	43	45 l/min 12 gpm	350 bar 5075 psi
SPU-12	G 1/2	30	85	33	40	21	43	45 l/min 12 gpm	350 bar 5075 psi
SP-34	G 3/4	40	92	46	50	25	48	85 l/min 22 gpm	350 bar 5075 psi
SPU-34	G 3/4	40	110	46	50	25	48	85 l/min 22 gpm	350 bar 5075 psi

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.



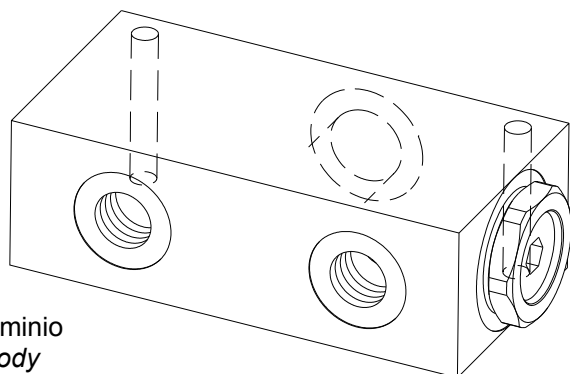
Sigla di ordinazione – Ordering code



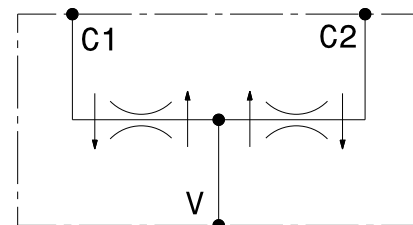
I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.
 The specifications are not binding. CBF reserves the right to introduce modifications without notice.

Divisore – riunificatore di flusso
Flow divider combiner

mod. DFR



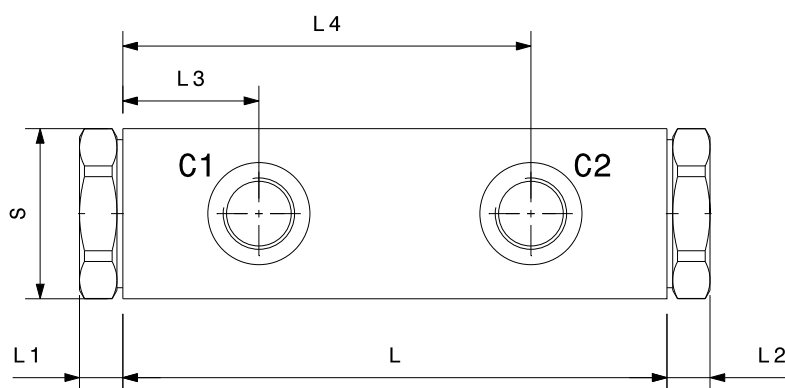
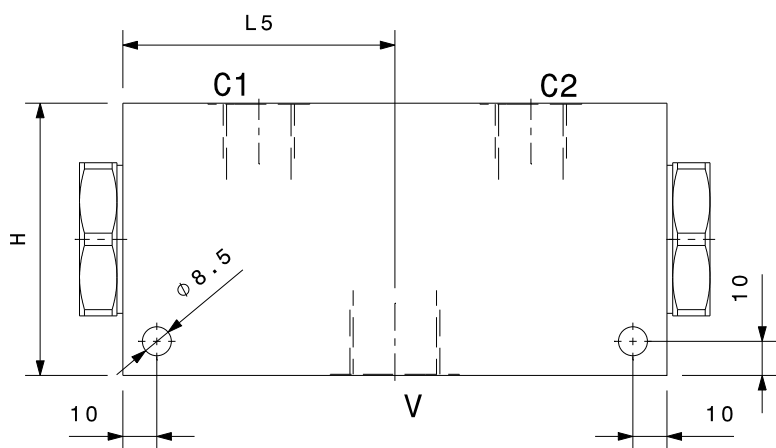
Corpo in alluminio
 Aluminium body



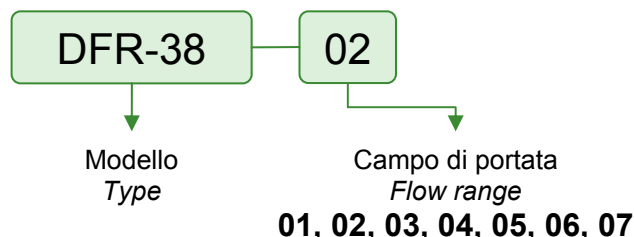
Codice Code	DFR-38 Q (l/min)	DFR-12 Q (l/min)	DFR-34 Q (l/min)	DFR-10 Q (l/min)
01	3 ÷ 6	-	-	-
02	7 ÷ 12	-	-	-
03	13 ÷ 25	-	-	-
04	-	26 ÷ 40	-	-
05	-	40 ÷ 70	-	-
06	-	-	60 ÷ 95	60 ÷ 95
07	-	-	90 ÷ 150	90 ÷ 150

Codice Code	DFR-38	DFR-12	DFR-34	DFR-10
Pressione max Max pressure	300 bar	300 bar	250 bar	250 bar

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



Sigla di ordinazione / Ordering code

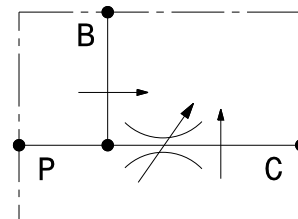
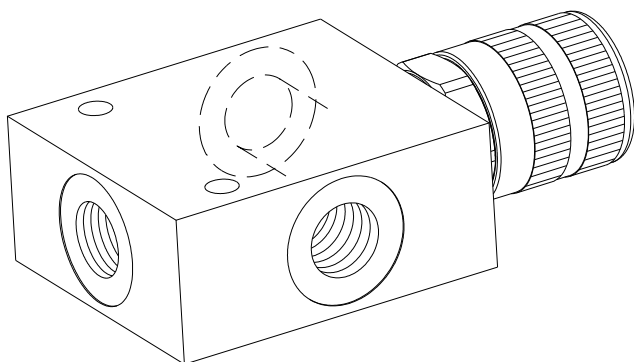


Modello Type	L	L1	L2	L3	L4	L5	H	S	V	C1, C2	Pressione massima Max pressure bar
DFR-38	120	8	0	27	90	53	60	40	3/8" GAS	3/8" GAS	300
DFR-12	120	8	0	27	90	54	60	40	1/2" GAS	3/8" GAS	300
DFR-34	160	13	13	40	120	80	80	50	3/4" GAS	1/2" GAS	250
DFR-10	160	13	13	40	120	80	80	50	1" GAS	3/4" GAS	250

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-50**



Corpo in alluminio
 Aluminium body

Portata massima Max flow	40 l/min
Portata regolata Regulated flow	0 ÷ 25 l/min
Pressione massima Max pressure	300 bar

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
RFP50-38	3/8" GAS
RFP50-12	1/2" GAS

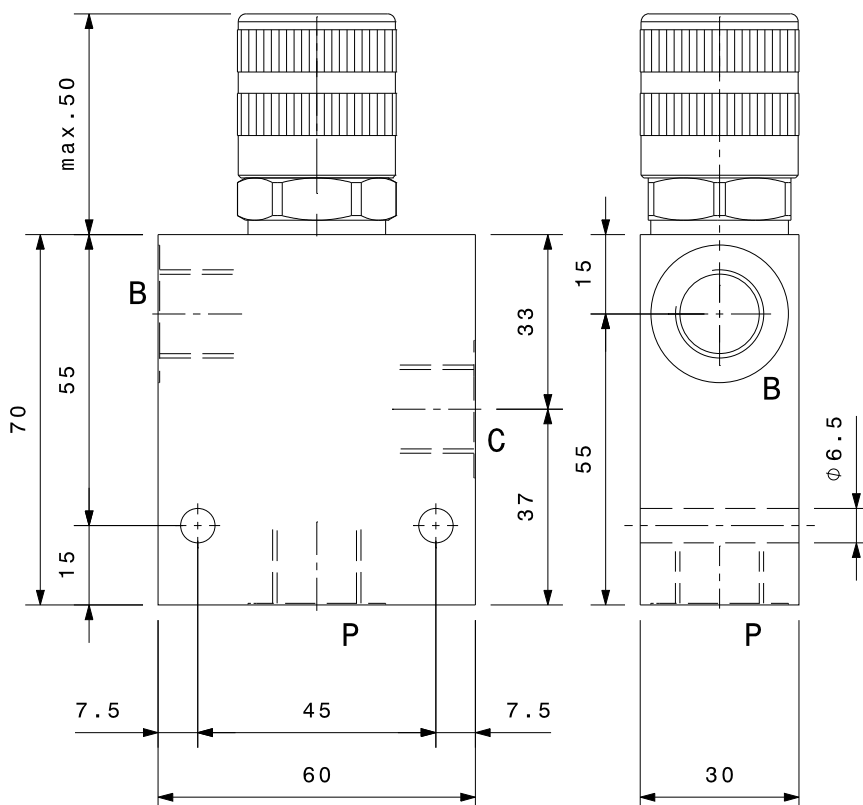
Regolazioni / Adjustments

A

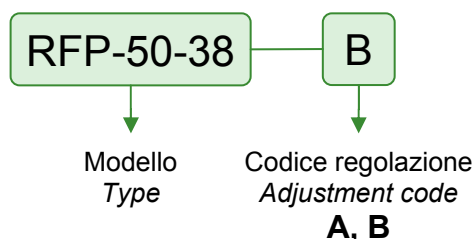
Manopola con vite di bloccaggio
Handknob with locking screw

B

Manopola
Handknob



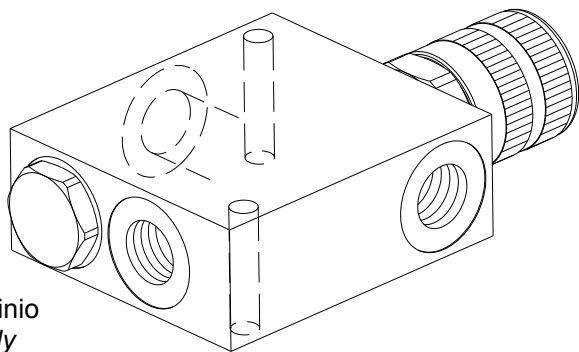
Sigla di ordinazione / Ordering code



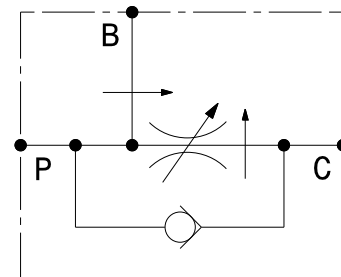
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

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



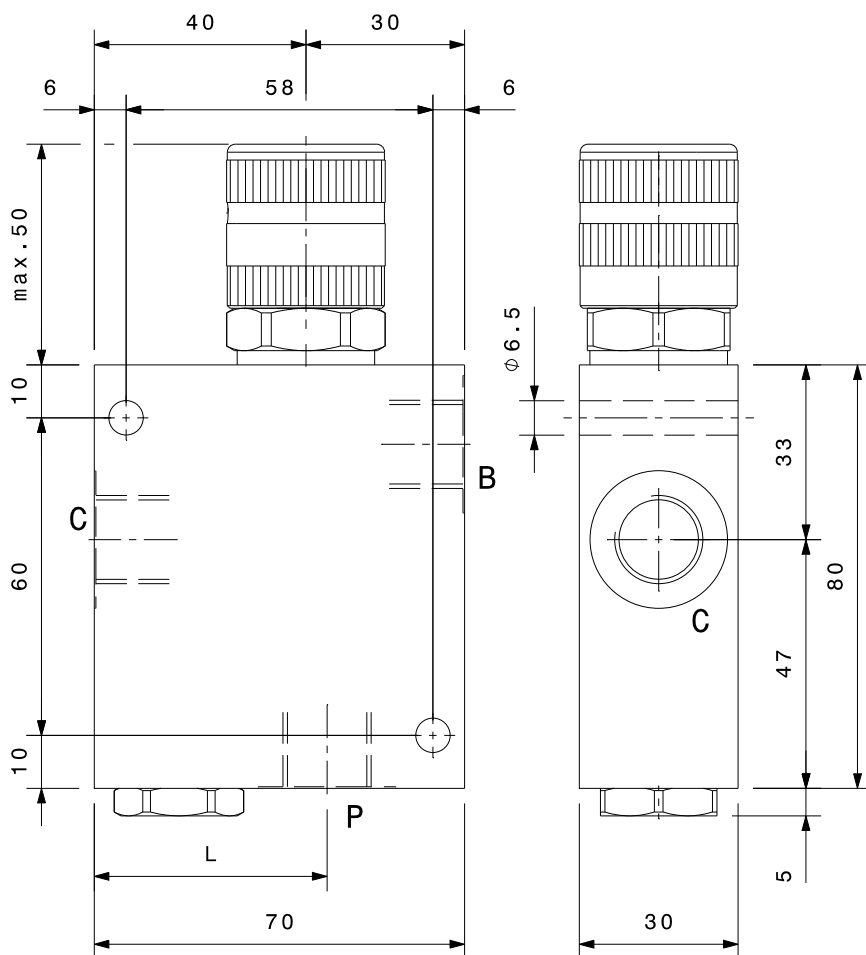
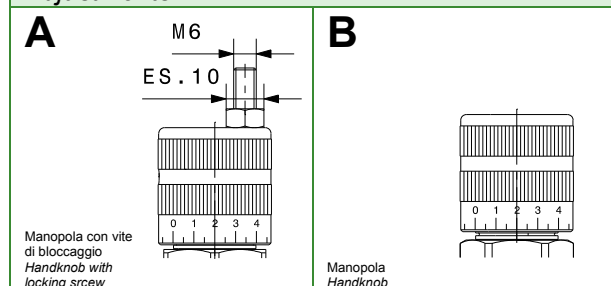
Portata massima Max flow	40 l/min
Portata regolata Regulated flow	0 ÷ 25 l/min
Pressione massima Max pressure	300 bar

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

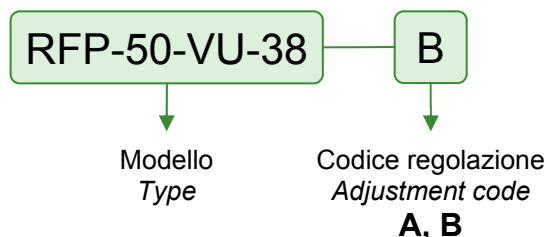
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

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

Regolazioni
Adjustments



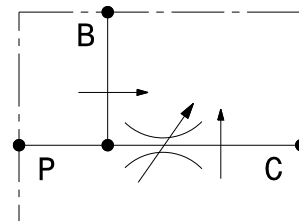
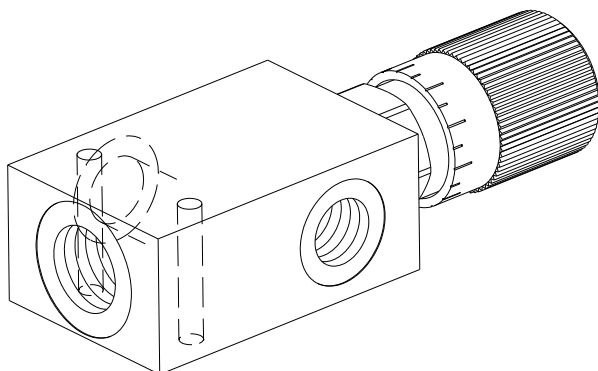
Sigla di ordinazione / Ordering code



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. RFP-90



Corpo in alluminio
 Aluminium body

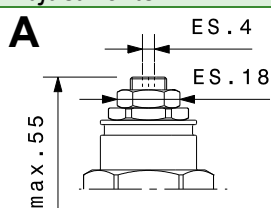
Portata massima Max flow	90 l/min
Portata regolata Regulated flow	2 ÷ 50 l/min
Pressione massima Max pressure	300 bar

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

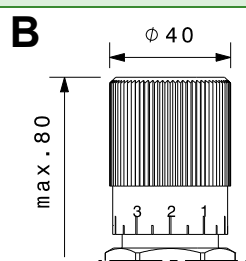
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

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

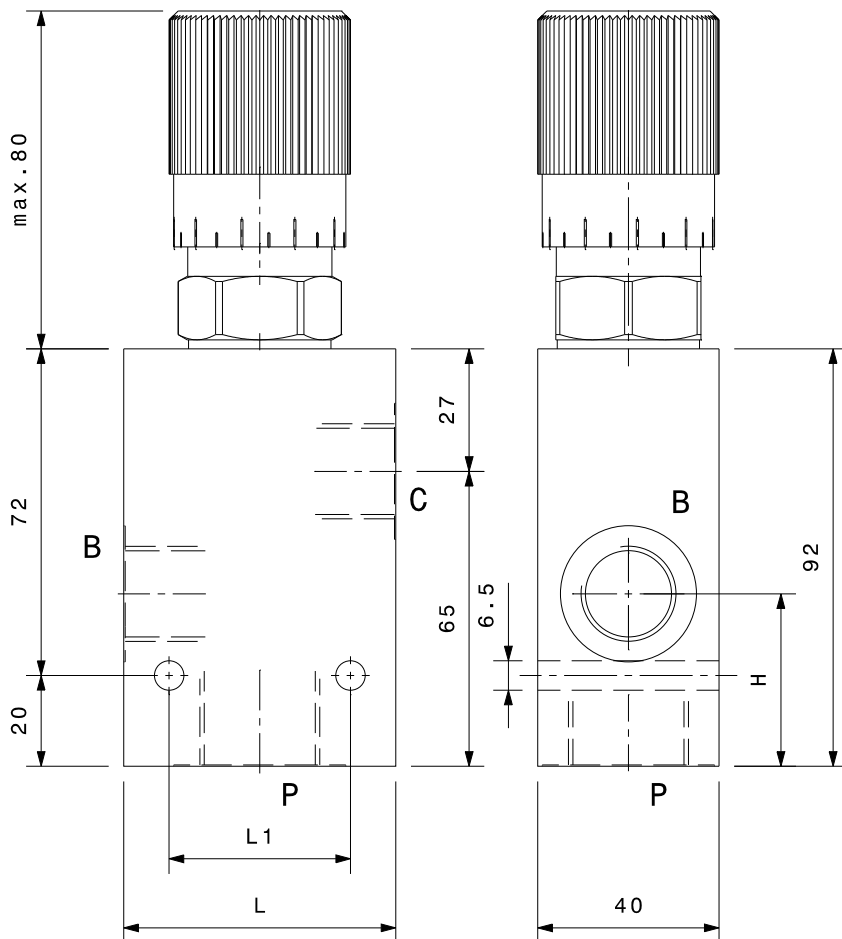
Regolazioni
 Adjustments



Vite esterna
 esagono incassato
 Leakproof hex
 socket screw



Manopola
 Handknob



Sigla di ordinazione / Ordering code

RFP-90-12

B

Modello
 Type

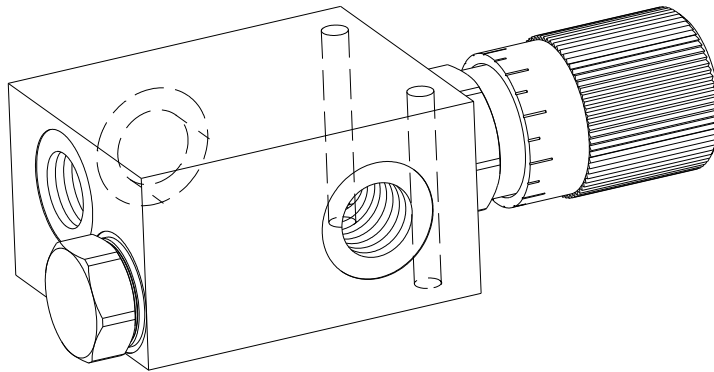
Codice regolazione
 Adjustment code

A, B

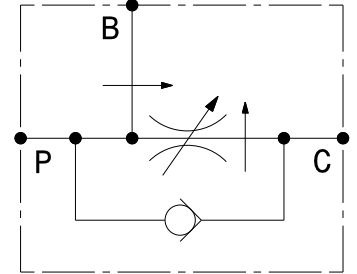
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

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



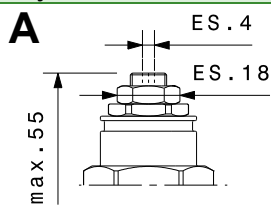
Portata massima <i>Max flow</i>	90 l/min
Portata regolata <i>Regulated flow</i>	2 ÷ 50 l/min
Pressione massima <i>Max pressure</i>	300 bar

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

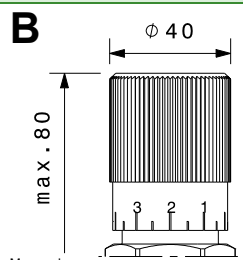
Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperature di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ

Modello <i>Type</i>	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

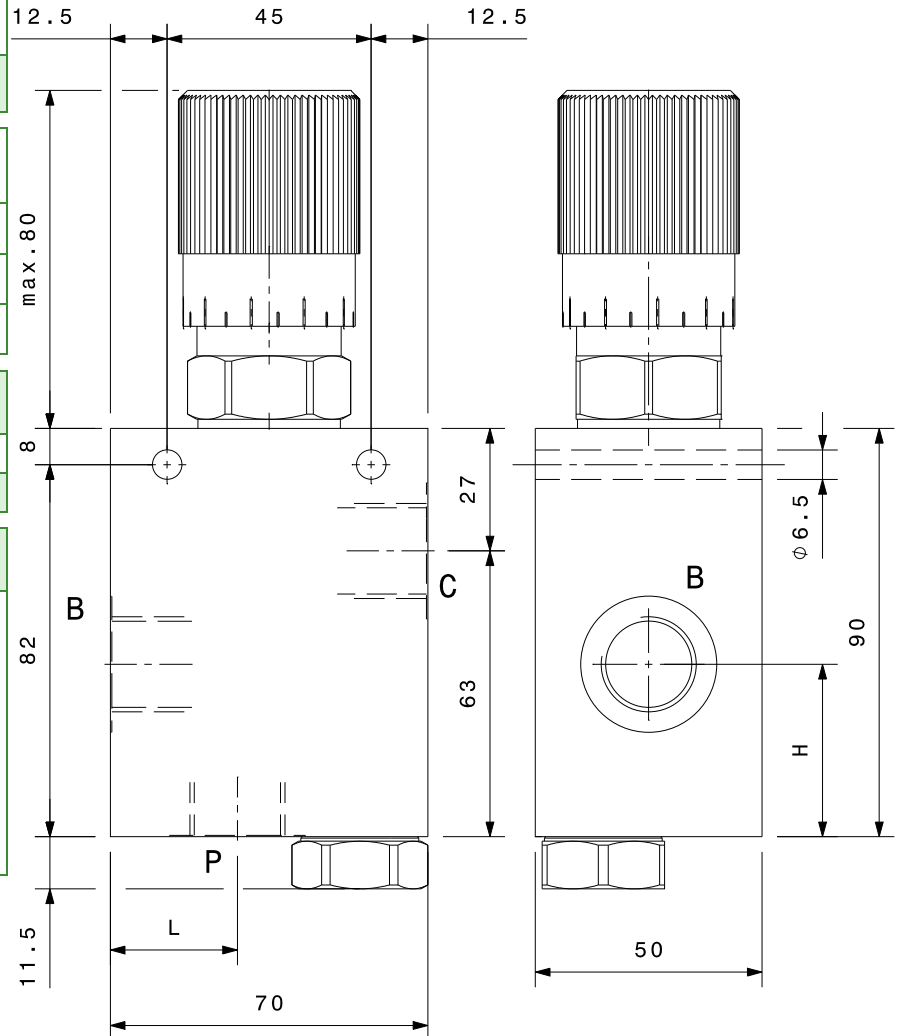
Regolazioni
Adjustments



Vite esterna esagono incassato
Leakproof hex socket screw



Manopola
Handknob



Sigla di ordinazione / Ordering code

RFP-90-VU-12

B

Modello
Type

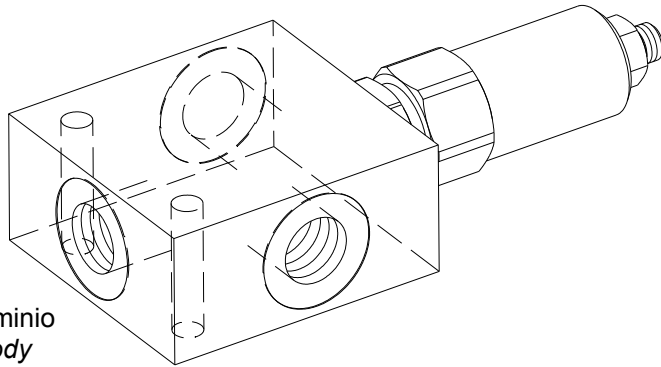
Codice regolazione
Adjustment code

A, B

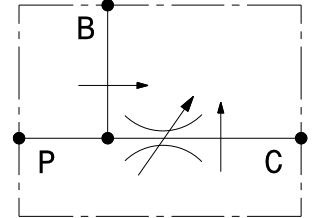
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
The specifications are not binding, CBF reserves the right to introduce modifications without notice.

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	40 l/min
RF-3-12	1/2" GAS	300 bar	40 l/min

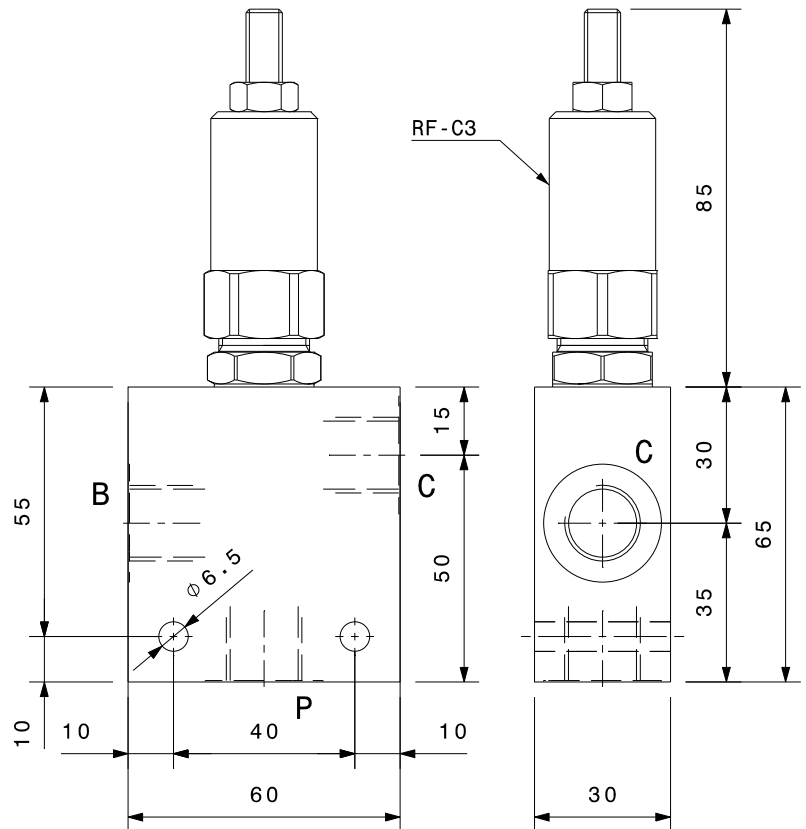
Codice taratura Setting code	Campo di portata Flow range
01	2 ÷ 6 l/min
02	5 ÷ 10 l/min
03	10 ÷ 18 l/min
04	20 ÷ 35 l/min

**Regolazioni
Adjustments**

A 	B 	C 	D
Vite esterna esagono incassato Leakproof hex socket screw	Volantino e dado Handknob and locknut	Piombatura Sealing cap	Cappello Cap

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
 Performaces 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



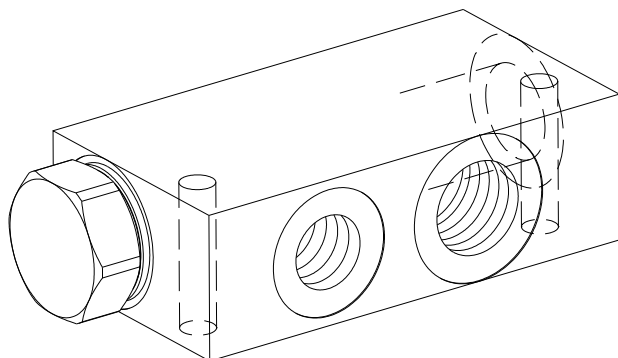
Sigla di ordinazione / Ordering code

RF-3-38	02	A
Modello Type	Codice Taratura Setting code 01, 02, 03, 04	Codice regolazione Adjustment code A, B, C, D

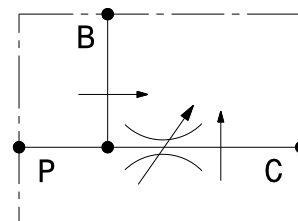
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

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

mod. **RFP-38**



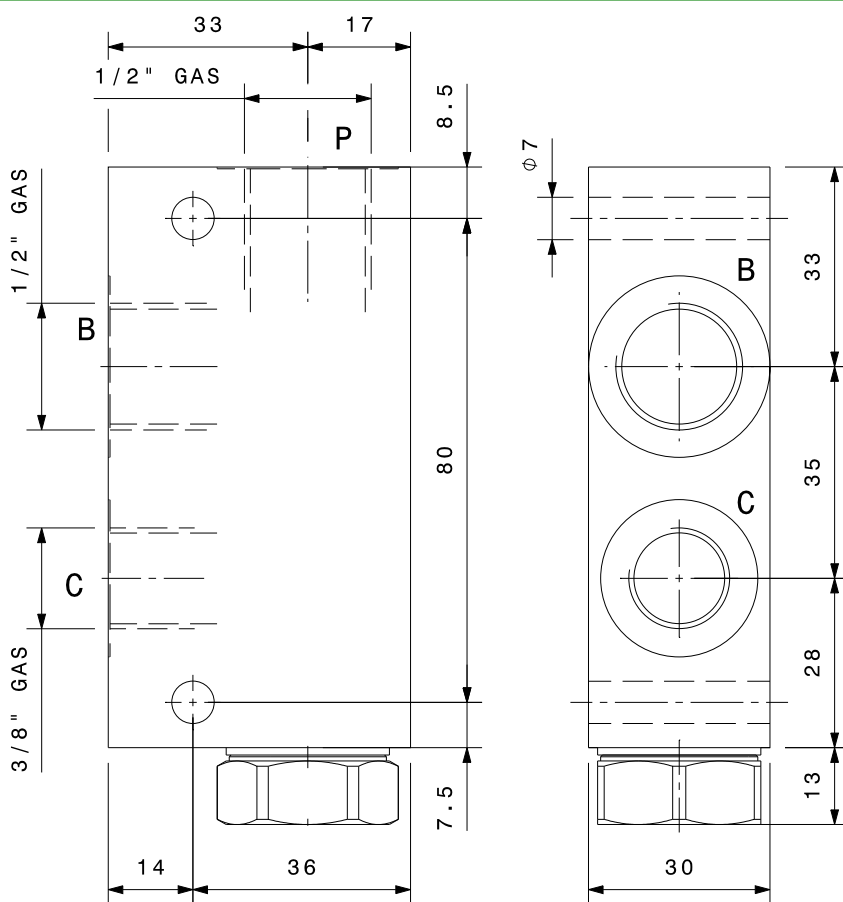
Corpo in acciaio
Steel body



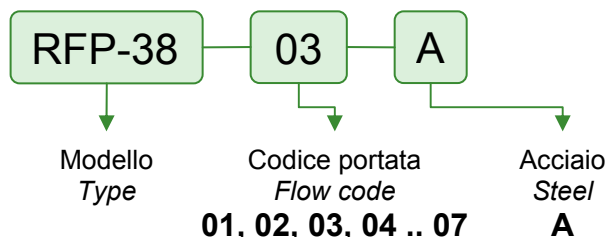
Portata massima Max flow	70 l/min
Pressione massima Max pressure	350 bar

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 l/min	Foro Hole mm
01	1,5	1
02	4	1,5
03	6	2
04	9	2,5
05	12	3
06	15	3,5
07	20	4



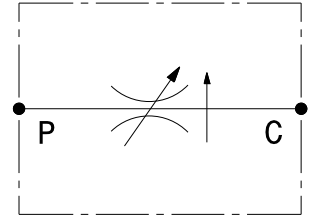
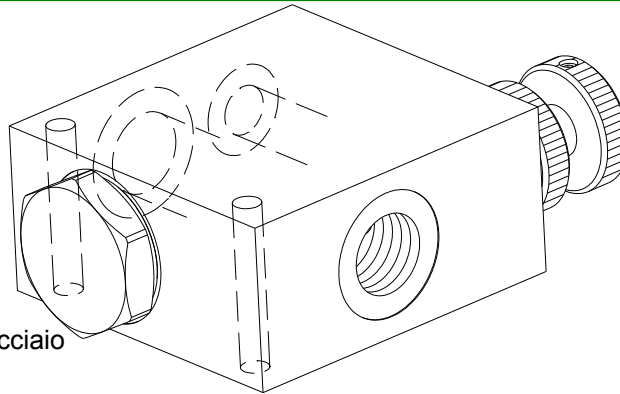
Sigla di ordinazione / Ordering code



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Valvola regolatrice di flusso compensata, due vie
2 ways, pressure compensated flow regulator valve

mod. **RF-A2**



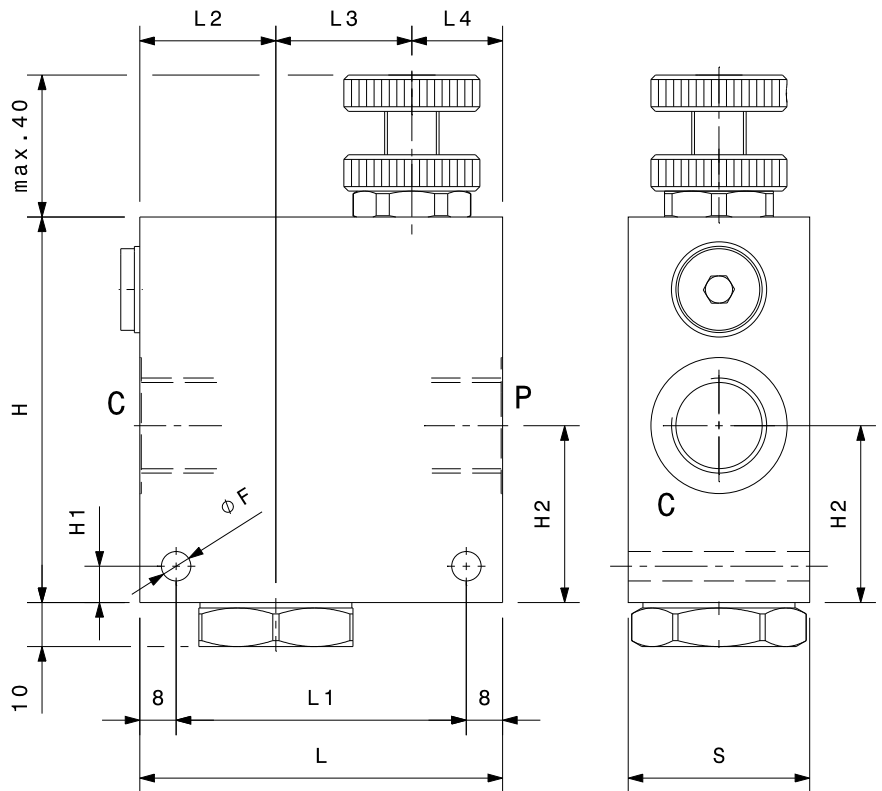
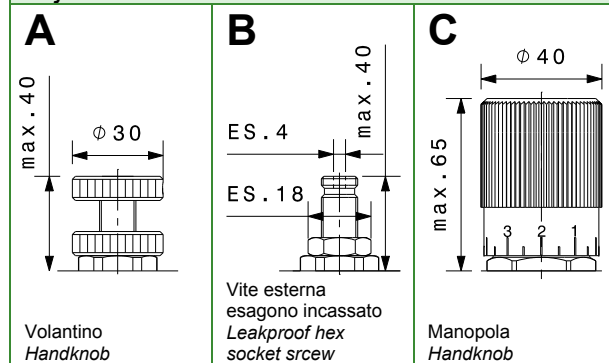
Versione con corpo in alluminio o in acciaio
Aluminium or steel body version

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

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

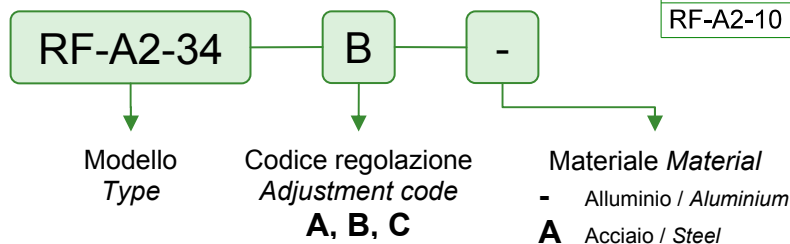
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperatura di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Regolazioni Adjustments



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

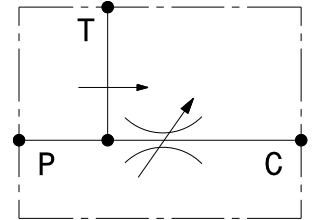
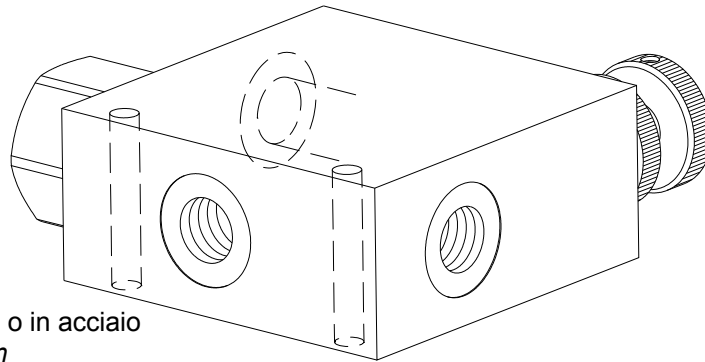
Sigla di ordinazione / Ordering code



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



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

Modello Type	P, C, T	Portata massima Max flow l/min		Pressione massima Max pressure bar
		Ingresso Inflow P	Regolata Regulated C	
RF-A-38	3/8" GAS	60	35	270
RF-A-12	1/2" GAS	100	65	270

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

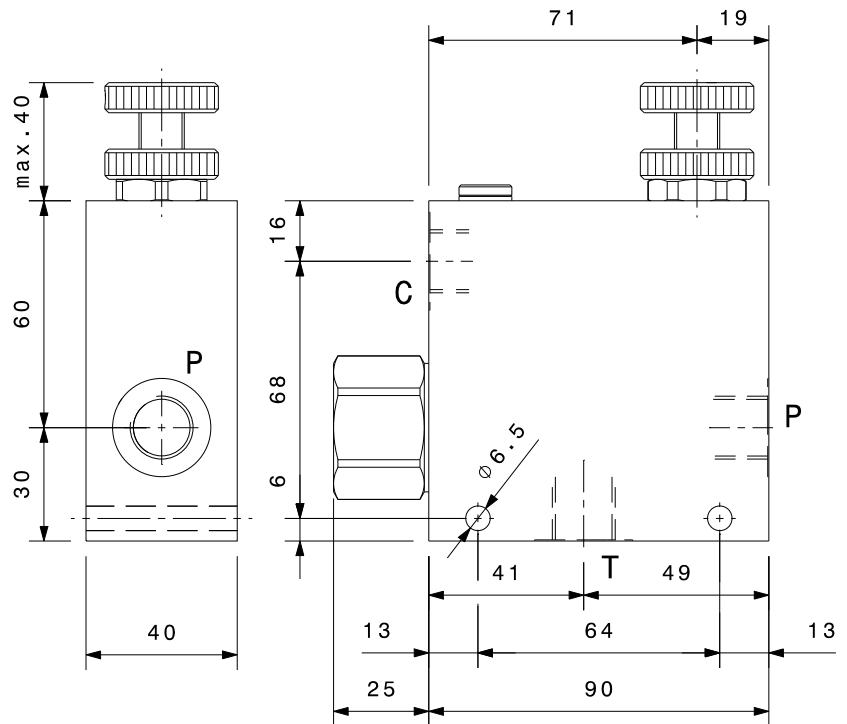
Volantino
Handknob

B

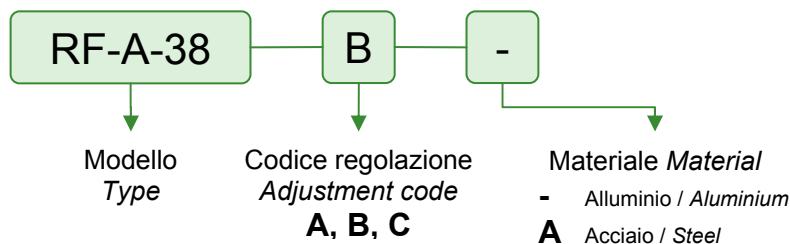
Vite esterna
esagono incassato
Leakproof hex
socket screw

C

Manopola
Handknob



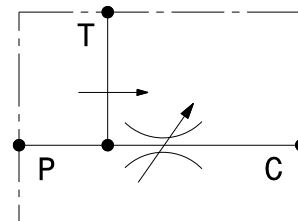
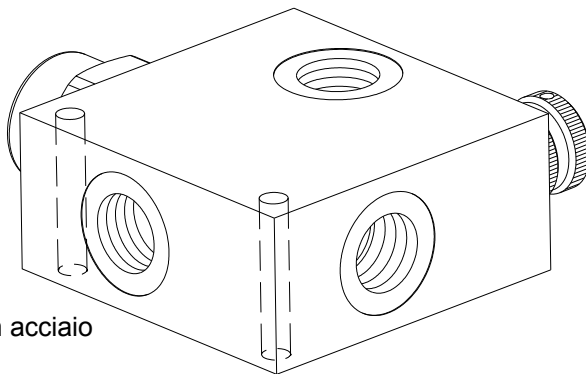
Sigla di ordinazione / Ordering code



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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
 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 massima Max flow l/min		Pressione massima Max pressure bar
		Ingresso Inflow P	Regolata Regulated C	
RF-A-34	3/4" GAS	150	90	270
RF-A-10	1" GAS	280	190	270

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

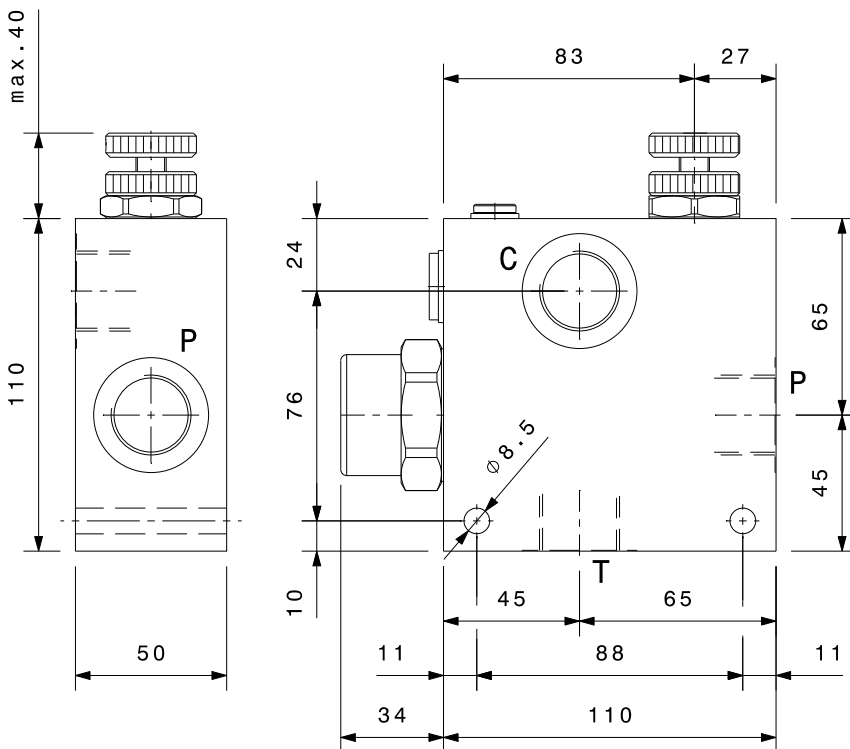
Volantino
Handknob

B

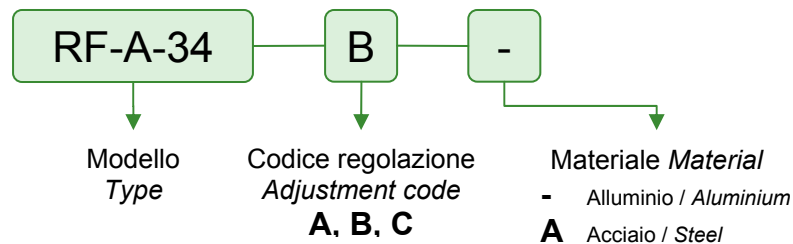
Vite esterna esagono incassato
Leakproof hex socket screw

C

Manopola
Handknob



Sigla di ordinazione / Ordering code

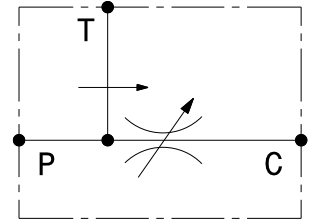
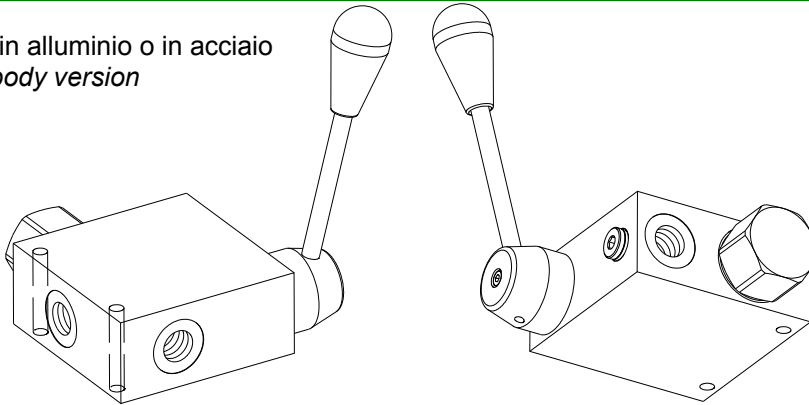


I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.
 The specifications are not binding, CBF reserves the right to introduce modifications without notice.

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

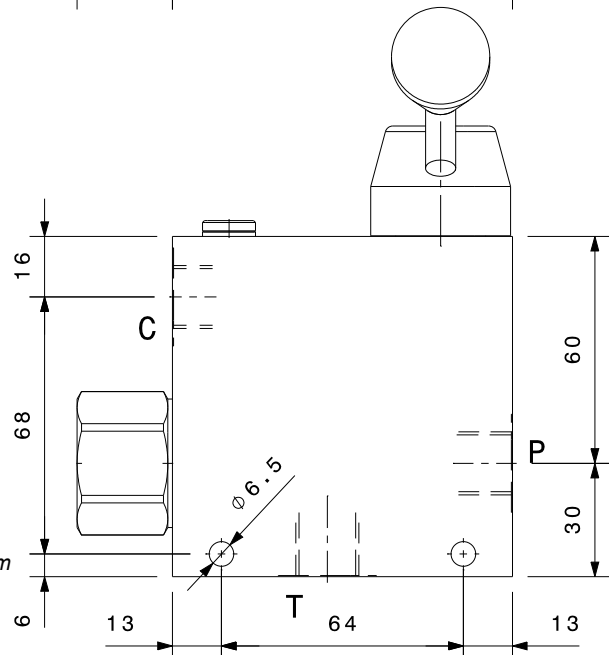
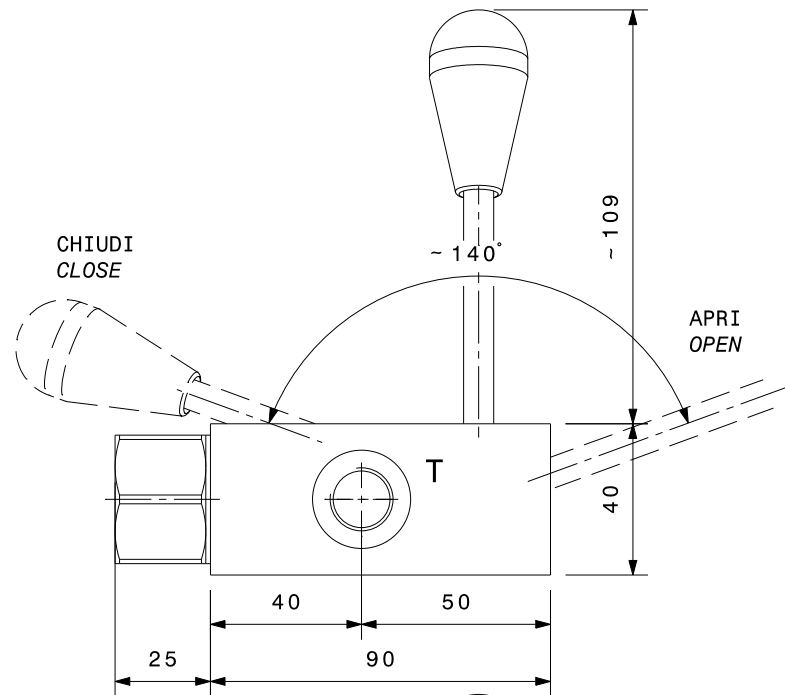


Modello Type	P, C T	Portata massima Max flow l/min		Pressione massima Max pressure bar
		Ingresso Inflow P	Regolata Regulated C	
RF-A-38-L	3/8" GAS	60	Vedi tabella See table	270
RF-A-12-L	1/2" GAS	100	Vedi tabella See table	270

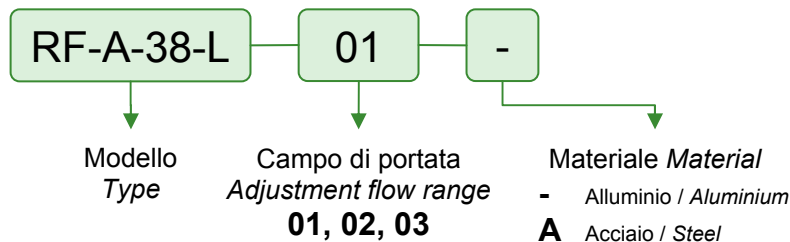
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Campi di portata <i>Adjustment flow range</i>	
01	0÷10 l/min
02	0÷20 l/min
03	0÷40 l/min



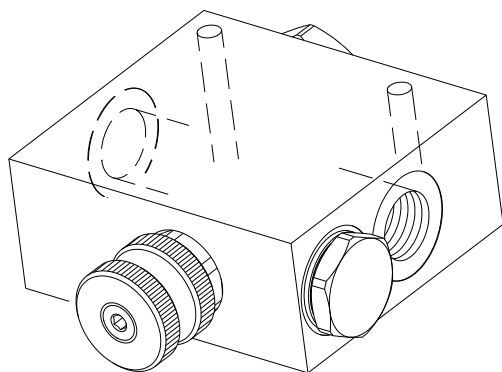
Sigla di ordinazione / Ordering code



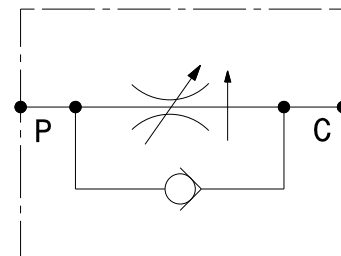
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata due vie 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 massima Max flow l/min	Pressione massima Max pressure bar
RF-A2-VU-38	3/8" GAS	45	270
RF-A2-VU-12	1/2" GAS	60	270
RF-A2-VU-34	3/4" GAS	90	270
RF-A2-VU-10	1" GAS	190	270

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

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

Regolazioni
 Adjustments

A

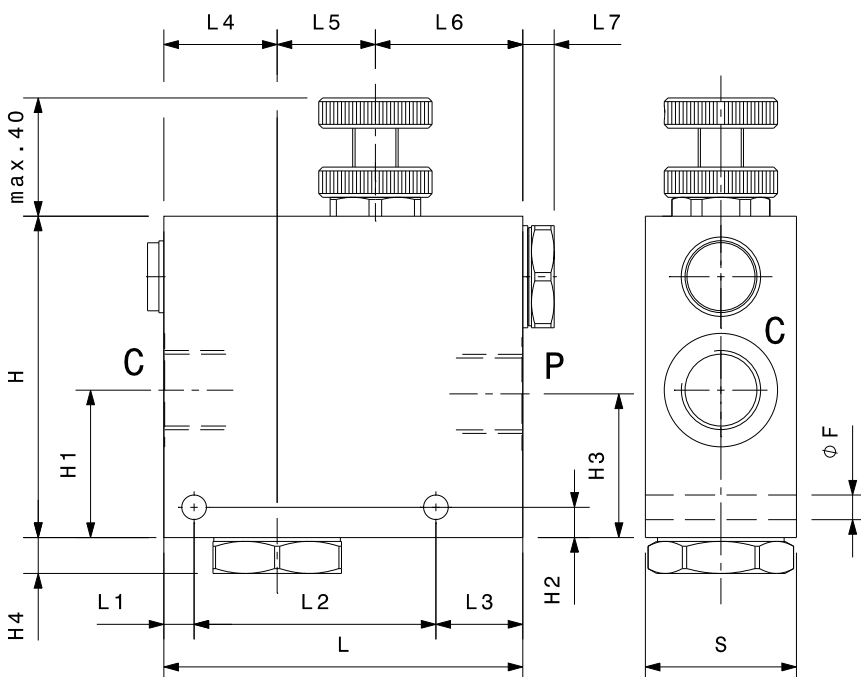
Volantino
Handknob

B

Vite esterna esagono incassato
Leakproof hex socket screw

C

Manopola
Handknob



Modello Type	L	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

RF-A2-VU-34 — **B**

↓ ↓

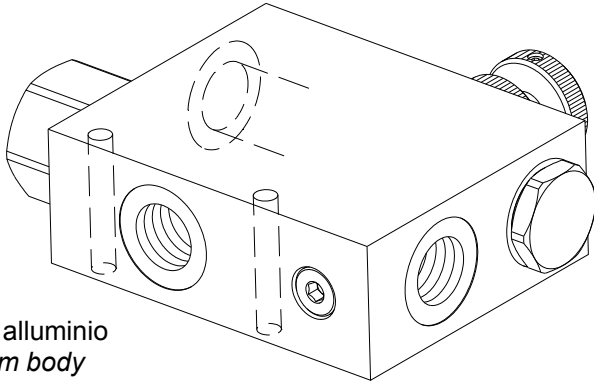
Modello Codice regolazione
 Type Adjustment code

A, B, C

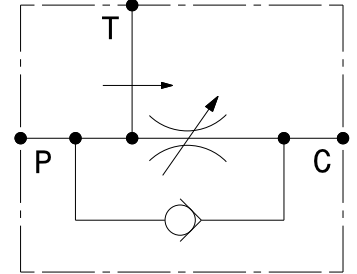
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata tre vie con valvola di non ritorno
 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 massima Max flow l/min		Pressione massima Max pressure bar
		Ingresso Inflow P	Regolata Regulated C	
RF-A-VU-38	3/8"	60	35	270
RF-A-VU-12	1/2"	100	65	270
RF-A-VU-34	3/4"	150	90	270
RF-A-VU-10	1"	280	190	270

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
Temperatura di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Regolazioni
 Adjustments

A

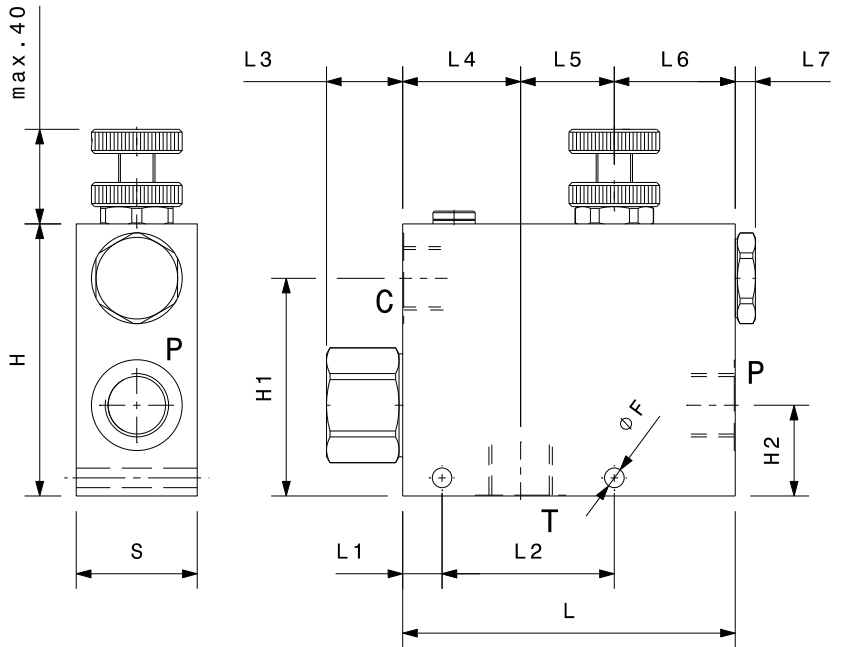
Volantino
Handknob

B

Vite esterna
esagono incassato
Leakproof hex
socket screw

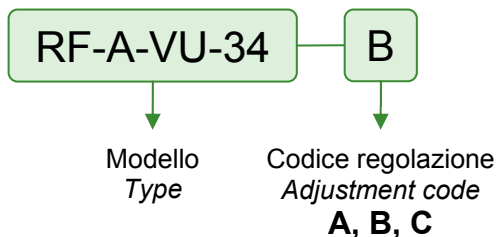
C

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

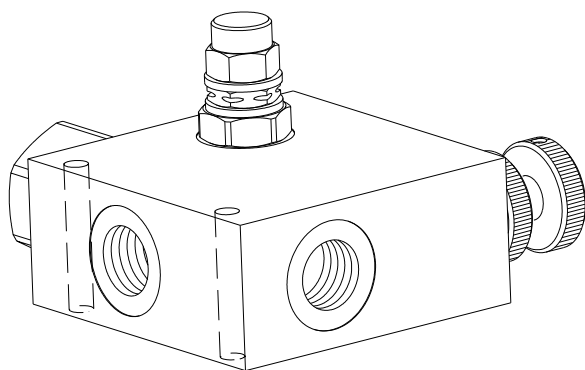
Sigla di ordinazione / Ordering code



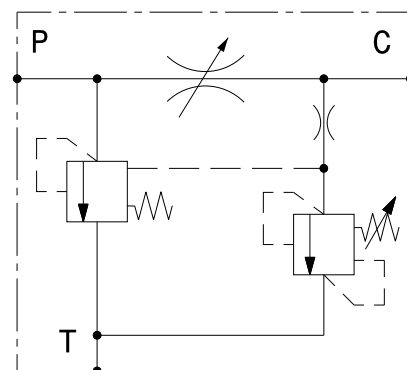
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

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 massima Max flow l/min		Pressione massima Max pressure bar
		Ingresso Inflow P	Regolata Regulated C	
RF-A-VLP10-38	3/8"	60	35	270
RF-A-VLP10-12	1/2"	100	65	270
RF-A-VLP10-34	3/4"	150	90	270
RF-A-VLP10-10	1"	280	190	270

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

Valvola limitatrice di pressione Relief valve	Taratura Setting	180 bar
	Campo di regolazione Setting Range	40 ÷ 250 bar

Regolazioni
Adjustments

A

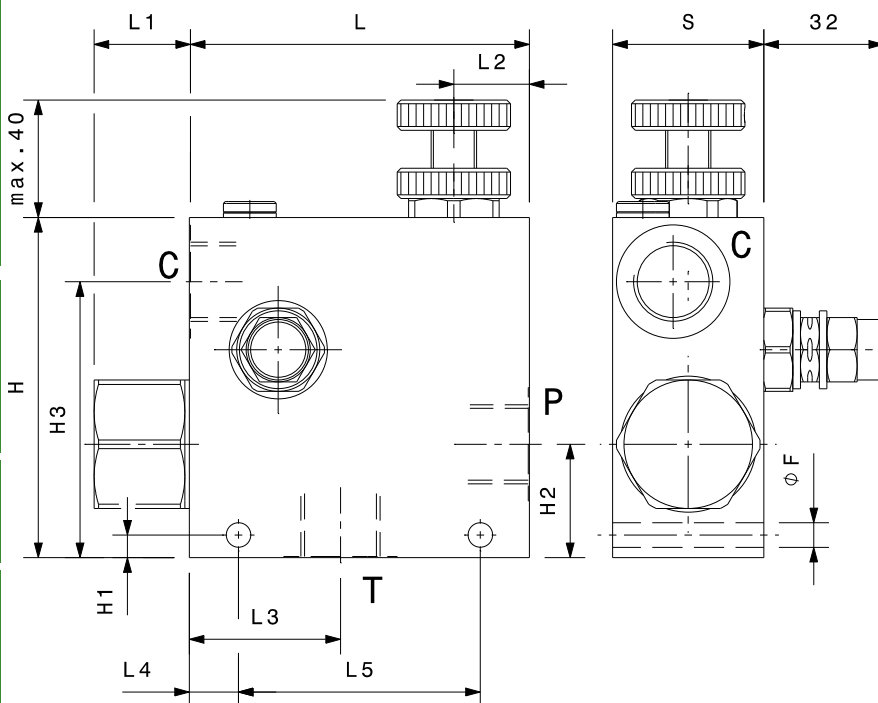
Volantino
Handknob

B

Vite esterna esagono incassato
Leakproof hex socket screw

C

Manopola
Handknob



Modello Type	L	H	S	L1	L2	L3	L4	L5	H1	H2	H3	F
RFVLP10-38	90	90	40	26	20	39	13	64	6	30	72	6.5
RFVLP10-12	90	90	40	26	20	39	13	64	6	30	72	6.5
RFVLP10-34	110	110	50	35	30	45	11	88	7	45	87	8.5
RFVLP10-10	110	110	50	35	30	45	11	88	7	40	87	8.5

Sigla di ordinazione / Ordering code

RF-A-VLP10-34

B

↓

Modello
Type

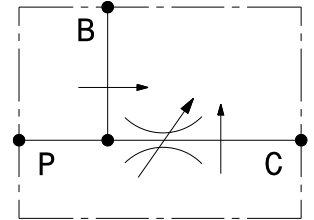
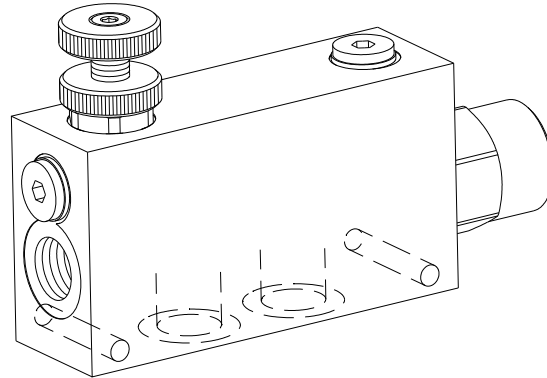
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Codice regolazione
Adjustment code
A, B, C

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. RFP-A



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

Modello Type	P, B C	Portata massima Max flow l/min		Pressione massima Max pressure bar
		Ingresso Inflow P	Regolata Regulated C	
RFP-A-38	3/8"	60	35	270
RFP-A-12	1/2"	100	65	270
RFP-A-34	3/4"	150	90	270
RFP-A-10	1"	380	190	270

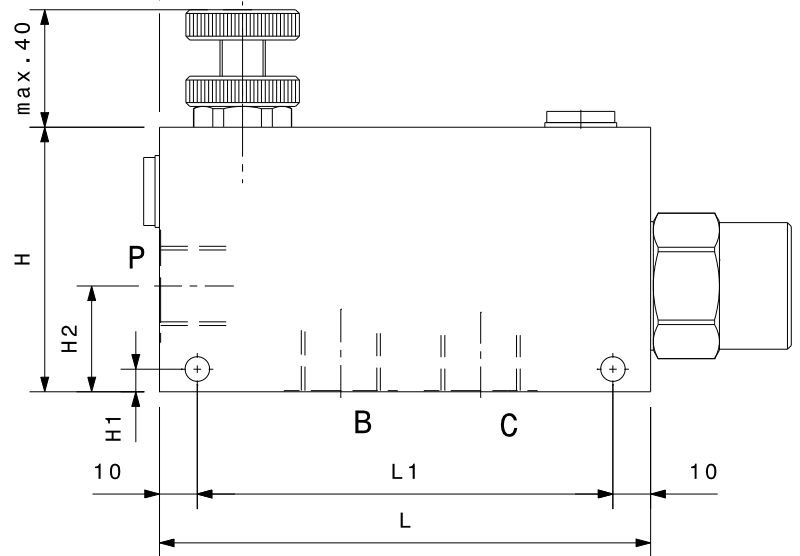
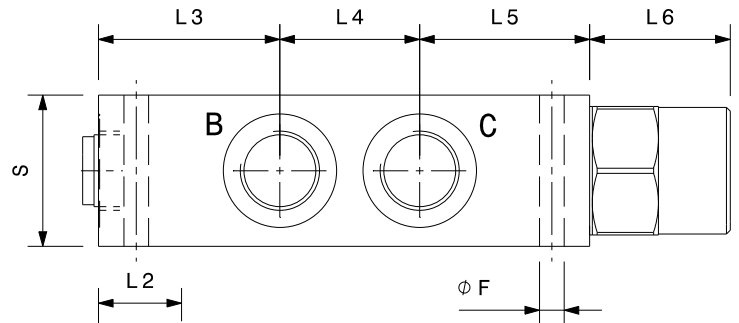
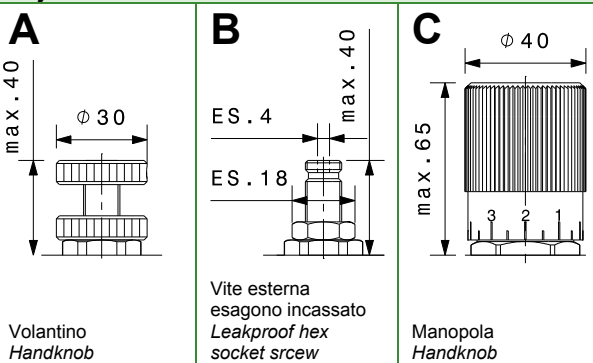
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate
Recommended viscosity 10 ÷ 420 cSt

Temperature di lavoro
Working temperature -20 ÷ +90 °C

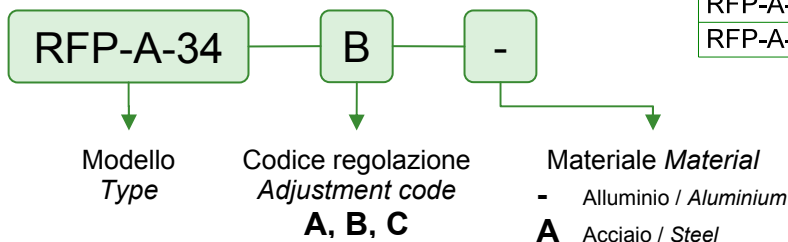
Filtrazione assoluta
Absolute filtration 25 µ

Regolazioni
Adjustments



Modello Type	L	L1	L2	L3	L4	L5	L6	H	H1	H2	F	S
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

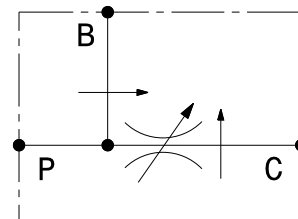
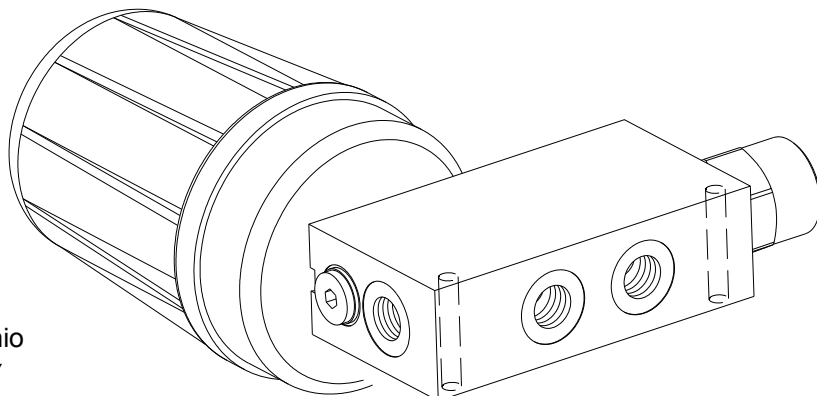
Sigla di ordinazione / Ordering code



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 massima Max flow l/min		Pressione massima Max pressure bar
		Ingresso Inflow P	Regolata Regulated C	
RFP-A-38-CE	3/8"	60	35	270
RFP-A-12-CE	1/2"	100	65	270
RFP-A-34-CE	3/4"	150	90	270
RFP-A-10-CE	1"	380	190	270

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

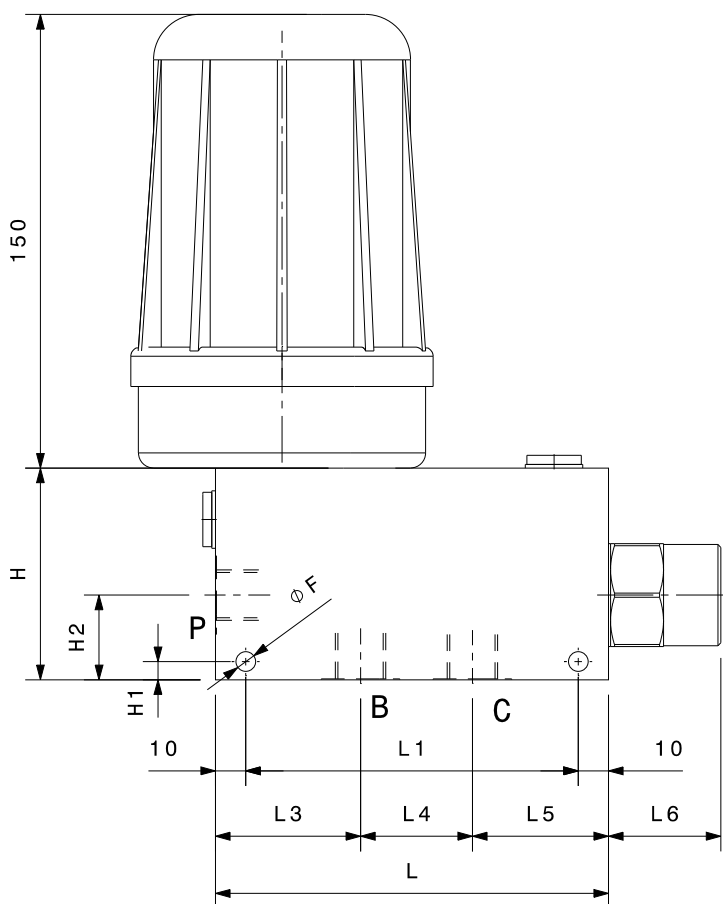
10 ÷ 420 cSt

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

RFP-A-34-CE

12

Modello
Type

Tensione / Voltage

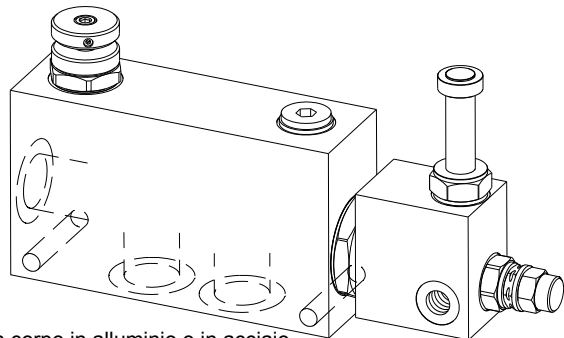
12 12 VDC

24 24 VDC

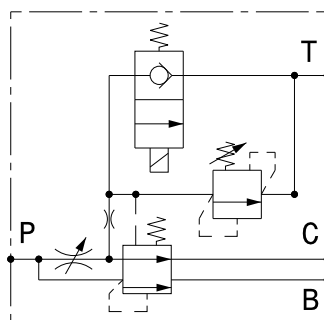
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso compensata tre vie azionabile elettricamente con valvola limitatrice di pressione
3 ways, pressure compensated flow regulator valve with solenoid valve and relief

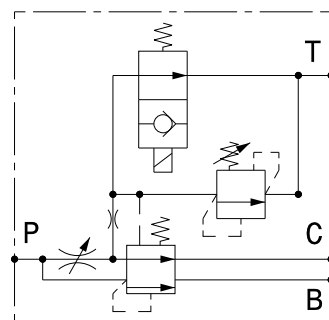
mod. RFPAEV - VLP



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



SCHEMA / SCHEME **A**



SCHEMA / SCHEME **B**

Modello Type	P, B C	Portata massima Max flow l/min		Pressione massima Max press. bar
		Ingresso Inflow P	Regolata Regulated C	
RFPAEV-VLP38	3/8"	60	35	270
RFPAEV-VLP12	1/2"	100	65	270
RFPAEV-VLP34	3/4"	150	90	270
RFPAEV-VLP10	1"	380	190	270

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

Valvola limitatrice di pressione <i>Relief valve</i>	Taratura <i>Setting</i>	180 bar
	Campo di regolazione <i>Setting Range</i>	40 ÷ 250 bar

Regolazioni *Adjustments*

A

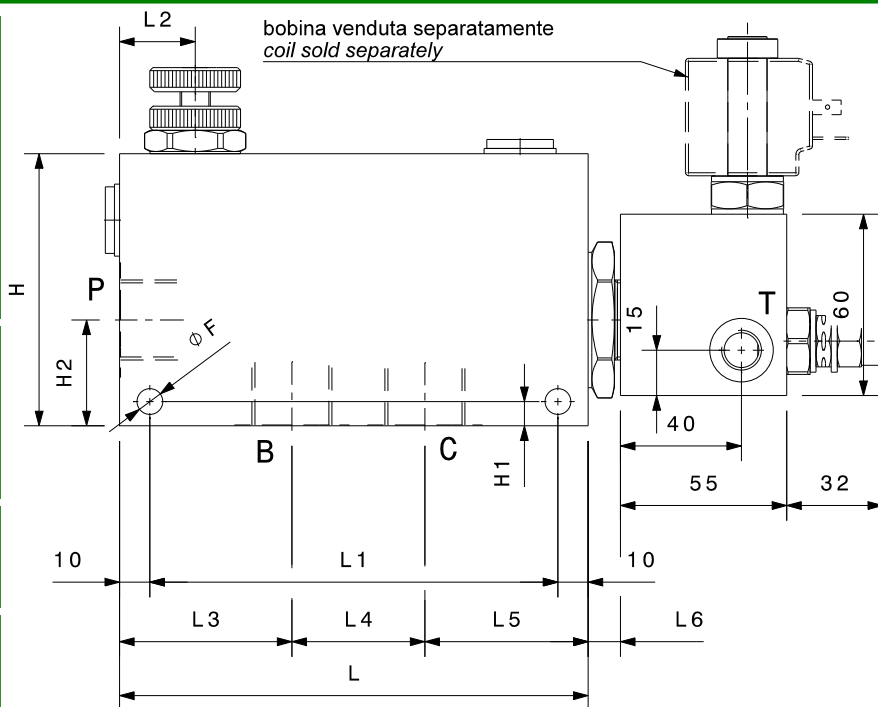
Volantino
Handknob

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
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

RFPAEV

A

VLP38

A

-

Modello
Type

Schema
Scheme
A, B

Codice regolazione
Adjustment code
A, B, C

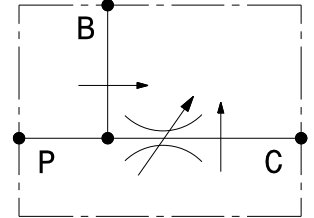
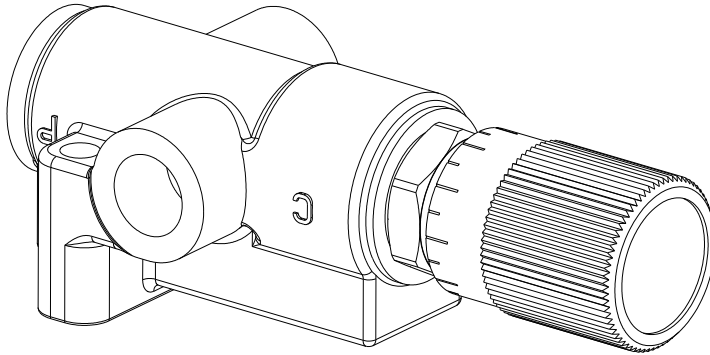
Materiale *Material*
- Alluminio / Aluminium
A Acciaio / Steel

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

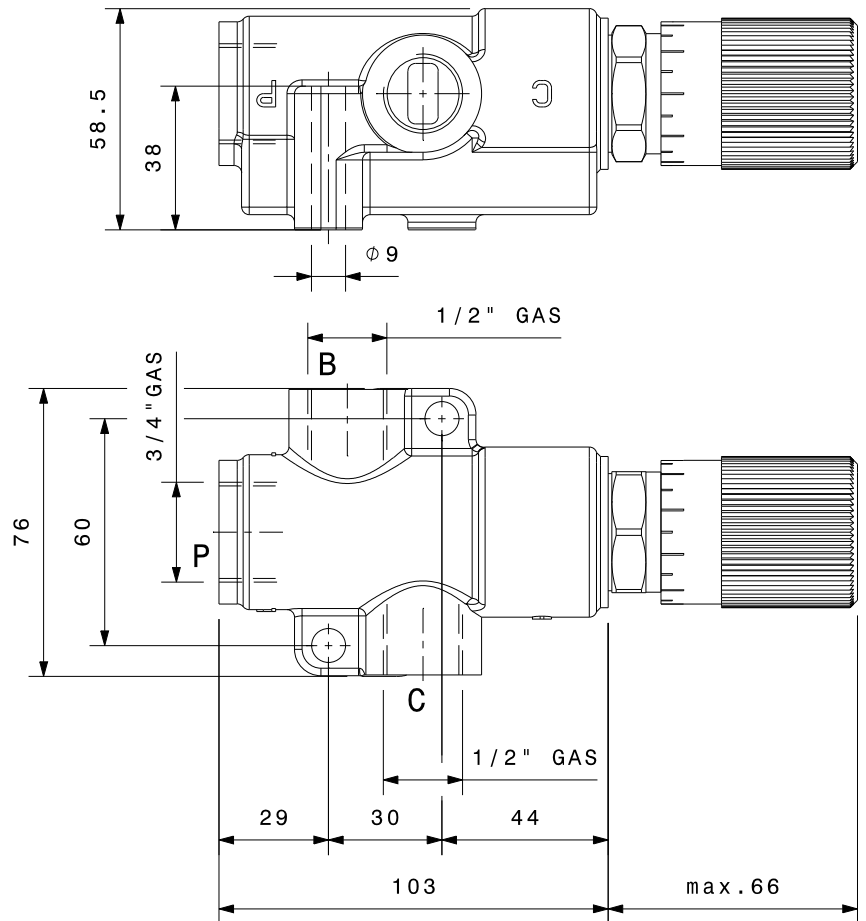
mod. RF-G

Corpo in ghisa
 Cast iron body



Portata massima Max flow	90 l/min
Portata regolata Regulated flow	2 ÷ 50 l/min
Pressione massima Max pressure	350 bar

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

RF-G

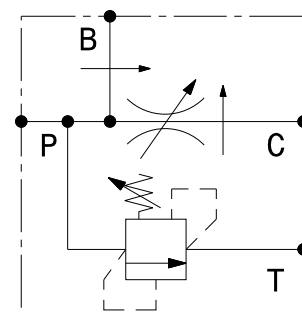
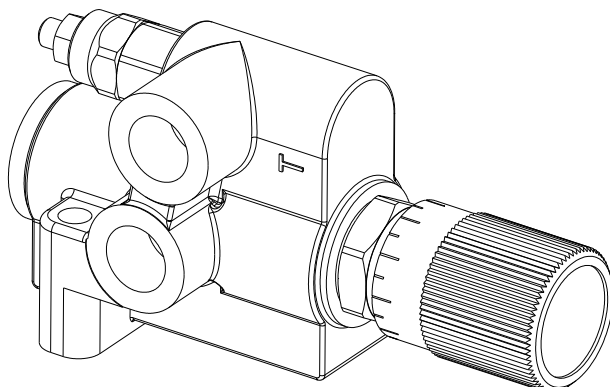
Modello
 Type

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



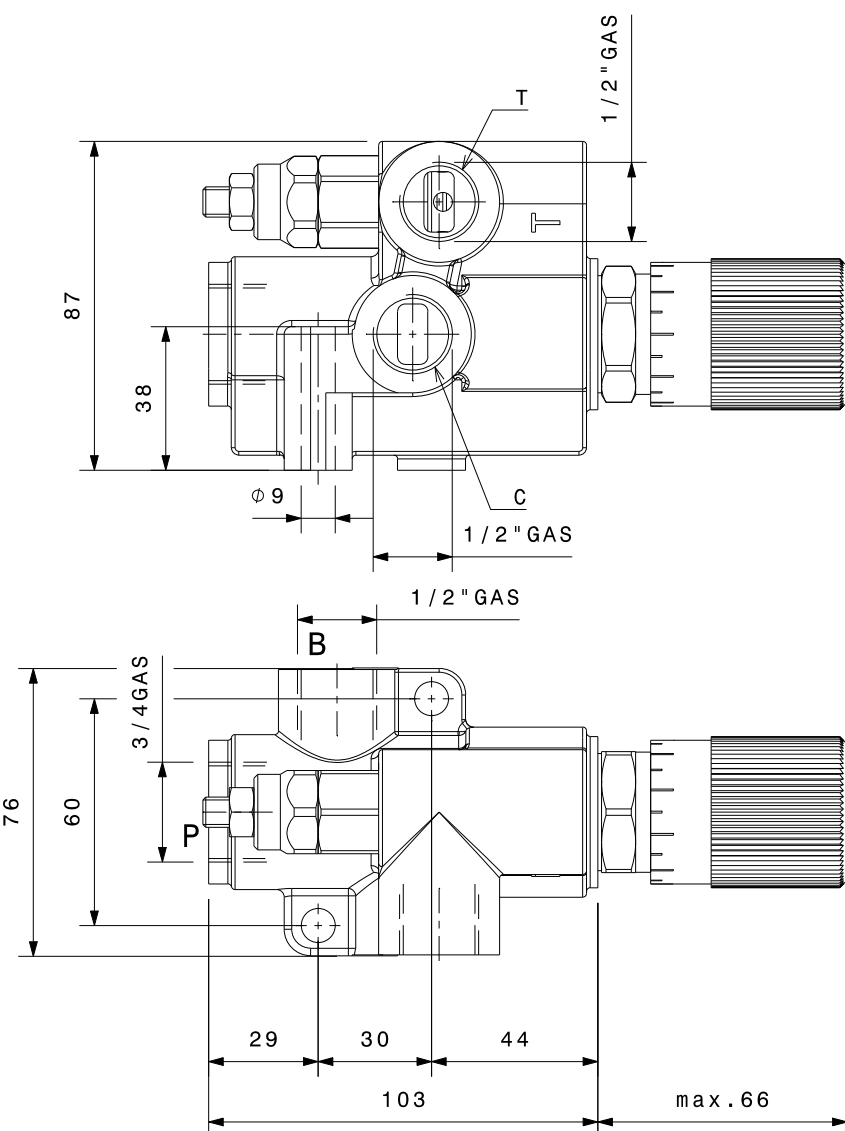
Portata massima <i>Max flow</i>	90 l/min
Portata regolata <i>Regulated flow</i>	2 ÷ 50 l/min
Pressione massima <i>Max pressure</i>	350 bar

Taratura <i>Setting</i>		
Codice <i>Code</i>	Taratura standard <i>Standard setting</i> bar (Q=5 l/min)	Campo di taratura <i>Adj. Pressure range</i> bar
00	40	5÷40
01	80	20÷100
02	180	40÷250
03	250	60÷350

Regolazioni *Adjustments*

A Vite esterna esagono incassato <i>Leakproof hex socket screw</i>	B Volantino e dado <i>Handknob and locknut</i>	C Piombatura <i>Sealing cap</i>	D Cappello <i>Cap</i>
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Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C <i>Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C</i>	
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



Sigla di ordinazione / Ordering code

RF-GV	02	A
↓	↓	↓
Modello <i>Type</i>	Codice Taratura <i>Setting code</i> 00, 01, 02, 03	Codice regolazione <i>Adjustment code</i> A, B, C, D

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.