Valvole overcenter

Counterbalance valves

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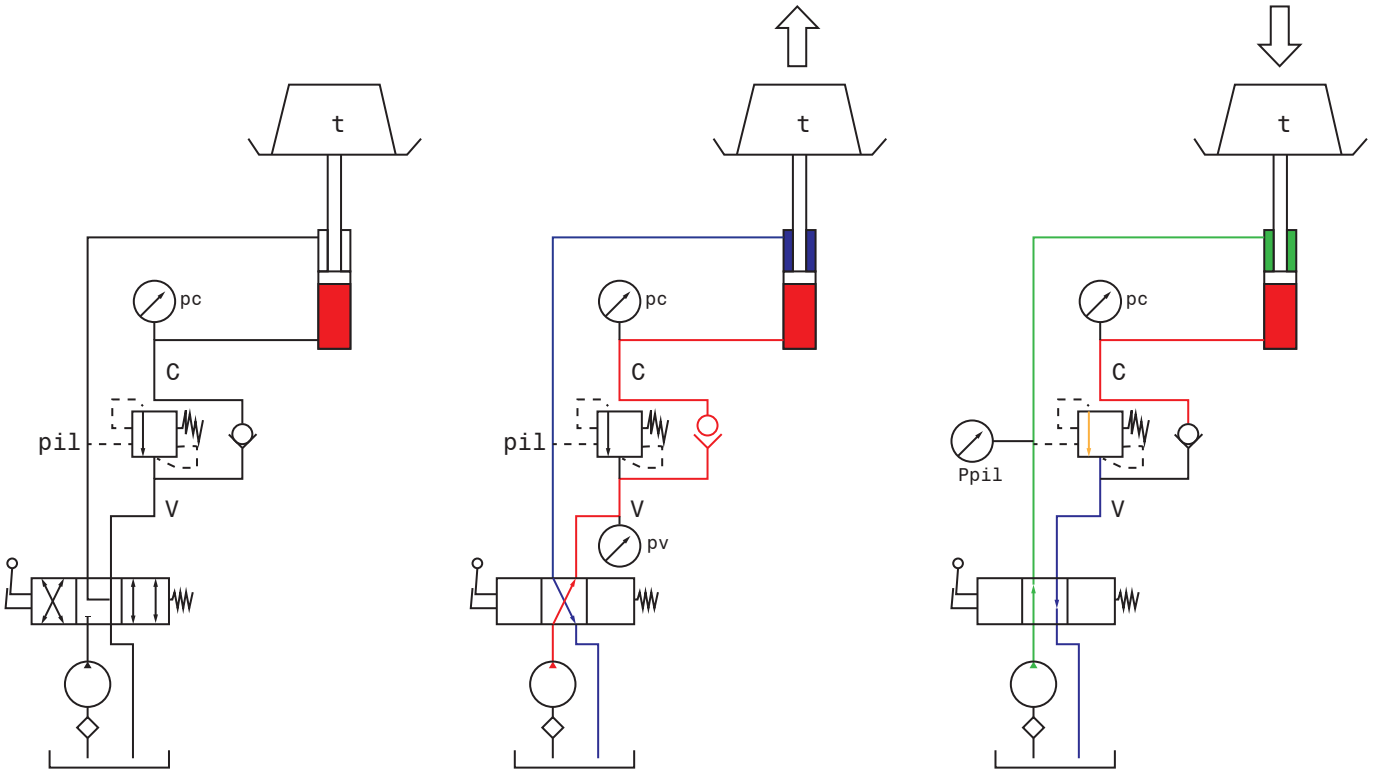
VALVOLE OVERCENTRE
COUNTERBALANCE VALVES

Le valvole Overcentre controllano il blocco ed il movimento di un attuatore idraulico, sia esso un cilindro od un motore, in una sola direzione (semplice effetto) o in entrambe le direzioni (doppio effetto).
FUNZIONI:

The counterbalance valves control the movement of an hydraulic actuar, in one direction (single effect) or in both direction (double effect).

FUNCTIONS:



Sostentamento del carico
Locking of the downstream

Salita libera del carico
Free upstream flow for load lifting

Discesa controllata del carico
Cavitation free load lowering

- SOSTENTAMENTO DEL CARICO

Gli accoppiamenti tra i componenti interni della valvola overcentre consentono di ridurre al minimo le trafile di olio; in questo modo la valvola, essendo chiusa, non consente la discesa del carico.
La valvola è tarata ad una certa pressione Pt, qualora la pressione del carico si avvicinasse troppo alla pressione Pt la valvola inizierebbe ad aprirsi facendo scendere il carico (il funzionamento è analogo a quello di una valvola imitatrice di pressione).
Per questo motivo è importante conoscere il valore della massima pressione indotta dal carico (Pc) in modo da scegliere accuratamente la pressione di taratura.
La pressione di taratura deve essere almeno 1.3 volte la pressione indotta dal carico per evitare che un'eccessiva pressione possa far scendere il caricO. Pt >1.3 Pc

- LOCKING OF THE DOWNSTREAM

The load induces a pressure (Pc) in the cylinder. The counterbalance valve is closed. In this way the load keeps its position.
As the valve is set to a certain pressure (Pt), once the load induced pressure nears this setting, the valve starts to open, lowering the load (the valve, in this way, acts like a pressure relief valve). To avoid this "load lowering", it is important to know the maximum load induced pressure in order to choose the correct setting.
Setting pressure must be at least 1.3 times the maximum load induced pressure: Pt >1.3 Pc

- SALITA LIBERA DEL CARICO

La pressione necessaria per alzare il carico è fornita dalla pompa.
La valvola di non ritorno si apre e permette il passaggio dell'olio che riempie la camera del cilindro in pressione.Il ritorno dell'olio è libero
La pressione a monte della valvola overcentre (Pv), cioè la pressione fornita dalla pompa, è data dalla somma tra la pressione indotta dal carico e la caduta di pressione (ΔPv) attraverso la valvola (che dipende dalla portata dell'impianto).
Pv = Pc + ΔPv

- FREE UPSTREAM FLOW FOR LOAD LIFTING

The pump gives the pressure to lift the load, the check valve opens, and the oil flow fills the pressured cylinder chamber. Return oil is free.
Pv pressure (i.e. pump pressure) comes from the load, while pressure drops through the valve (pressure drop depends on flow rate).
Pv = Pc + ΔPv

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CBF hydraulic®

VALVOLE OVERCENTER
COUNTERBALANCE VALVES

- DISCESA CONTROLLATA DEL CARICO

Il carico non sfugge per effetto del peso proprio in quanto la valvola non consente alcuna cavitazione.
Il controllo della discesa avviene tramite la pressione di pilotaggio che regola l'apertura della valvola (vedi figura 3).
Si definiscono:
Rp= rapporto di pilotaggio della valvola
Pc= pressione indotta dal carico
Ppil= pressione di pilotaggio
Pt= pressione di taratura
j= rapporto tra le aree del cilindro = area lato fondello / area lato stelo.
Nella camera del cilindro sottoposta alla pressione Pc (pressione indotta dal carico) si va ad aggiungere la pressione di pilotaggio (tenendo conto del rapporto tra le aree del cilindro).
Formule per il calcolo della pressione di pilotaggio:
1. Nel caso rappresentato (pressione del carico sull'area lato fondello):
Ppil=(Pt-Pc)/(Rp+1/j)
2. Nel caso in cui la pressione indotta dal carico agisca sul lato dello stelo:
Ppil=(Pt-Pc)/(Rp+j)
3. Nel caso di motori idraulici o di cilindri con aree uguali (es. stelo bilaterale):
Ppil=(Pt-Pc)/(Rp+1).

Il rapporto di pilotaggio è definito come:
Rp= Area Efficace di pilotaggio/Area efficace dell'otturatore.
Alto rapporto di pilotaggio: Consente il movimento dell'attuatore e l'abbassamento del carico con una pressione di pilotaggio limitata; favorisce le elevate velocità di movimento ed un risparmio energetico. E' raccomandato per applicazioni in cui la geometria della struttura sotto carico è tale da mantenere pressochè costante la pressione idraulica durante il movimento dell'attuatore.
Basso rapporto di pilotaggio: comporta una pressione di pilotaggio più elevata ma permette un controllo preciso e regolare del movimento.
E' raccomandato nelle applicazioni ove la pressione indotta dal carico varia notevolmente a seconda delle varie configurazioni della struttura, quindi dove possono presentarsi problemi di stabilità del movimento.

- VALVOLE OVERCENTER COMPENSATE IN PRESSIONE

Queste speciali valvole di bilanciamento, sono insensibile alla contropressione sullo scarico.
Sono utilizzate nei circuiti con distributori a centro chiuso, con valvole ausiliare antishock sulle bocche di mandata.
Casi tipici di impiego:
Valvole overcentre che devono aprirsi con una pressione di pilotaggio limitata, anche in presenza di contropressione allo scarico.
Valvole overcenter con apertura progressiva anche in presenza di oscillazione di pressione nel ramo di scarico.

- CAVITATION FREE LOAD LOWERING

Load lowering is controlled by the pilot pressure.
Defined:
Rp = pilot ratio
Pc= load induced pressure
Ppil= pilot pressure
Pt= setting pressure
j= area ratio= cylinder bore side area / cylinder annular area
With the following formulas, it is possible to calculate the pilot pressure:
1. Load pressure on bore cylinder chamber:
Ppil=(Pt-Pc)/(Rp+1/j)
2. Load pressure on annular cylinder chamber:
Ppil=(Pt-Pc)/(Rp+j)
3. Hydraulic motors, or actuators with j= 1:
Ppil=(Pt-Pc)/(Rp+1)

*The **Pilot Ratio** is defined:*
R=Area of Pilot Piston/Differential area of Control Plunger
***High Pilot Ratio** permits to lower the load with little pilot pressure, allowing a quicker operaiton of the machine combined with energy saving. It is best suited for applicaitons where the kinematic motion of the structures maintains the load indiced pressures approximately constant.*
***Low pilot Ratio** requires a high pilot ratio pressure in order to lower the load, but it permits a more precise and smooth control of the motion. It is recommended for applicaitons where the load indiced pressure varies during the motion with resulting instability of the machine.*

- COUNTERBALANCE VALVES PRESSURE COMPENSATED

The functions of a pressure compensated counterbalance valve are independent from the pressure in the return line.
They are normally fitted in conjunction with "Closed Center" directional spools, with anti-shock valves on the delivery ports, in the following cases:
When the counterbalance valves must allow the load to be lowered with limited pilot pressure, also in presence of back pressure.
When it is necessary to have an high degree of stability of the overcenter valve opening which must remain controlled and stable also in case of pressure fluctuations in the return line.

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INDICE PER TIPO DI VALVOLA
INDEX BY VALVE TYPE

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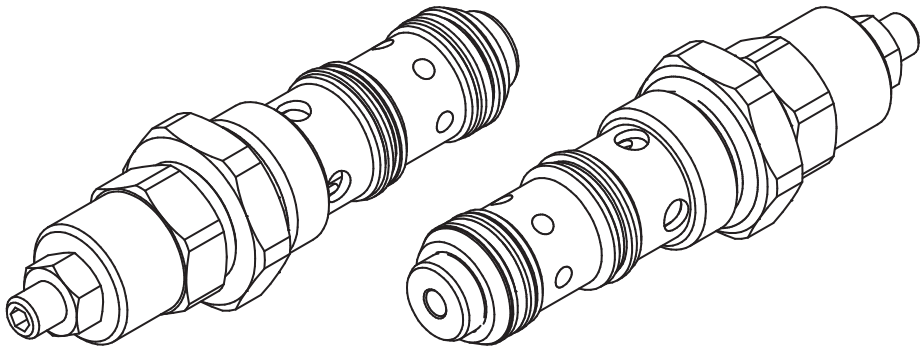
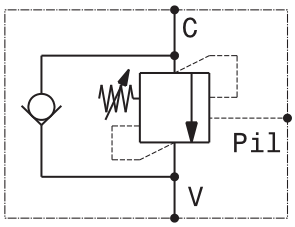
Valvola OVERCENTER a cartuccia
Pilot assisted COUNTERBALANCE valve – cartridge type

mod. OVC60-C





Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	110 ÷ 120 Nm *82 ÷ 90 lb ft*

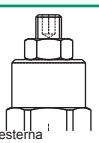
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

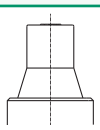
Regolazioni - *Adjustments*

-



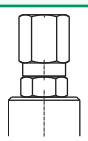
Vite esterna esagono incassato
Leakproof hex socket screw

C

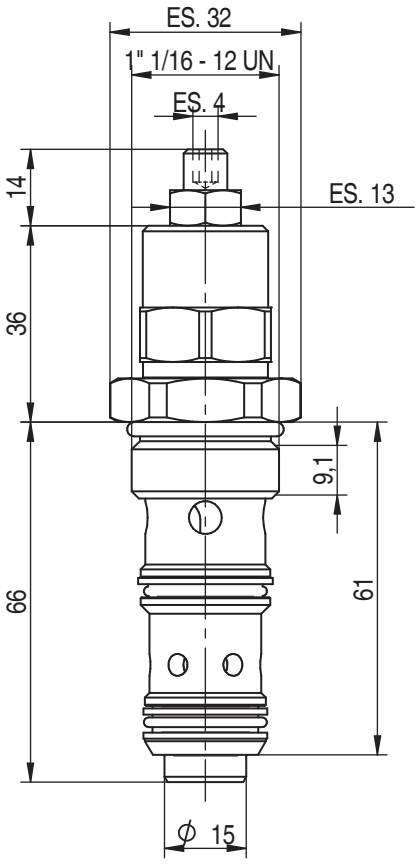


Piombatura
Sealing cap

D



Cappellotto
Cap



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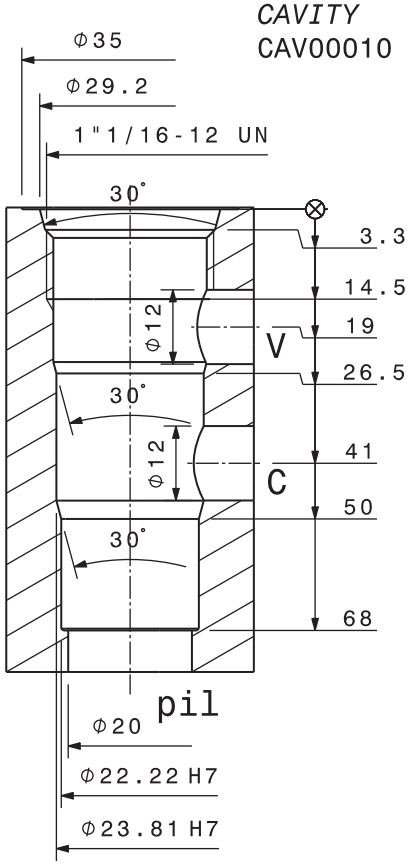

Sigla di ordinazione / Ordering code

OVC60-C	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

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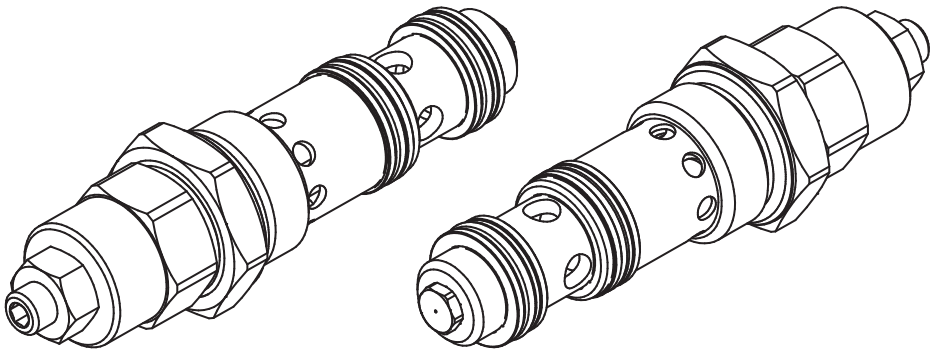
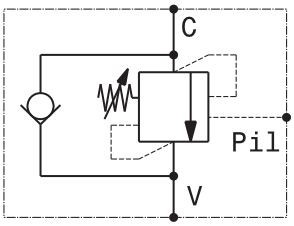
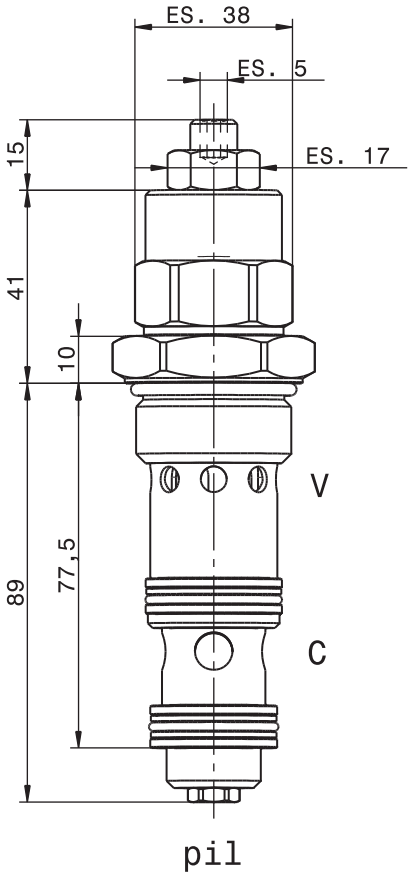
Valvola OVERCENTER a cartuccia
Pilot assisted COUNTERBALANCE valve – cartridge type

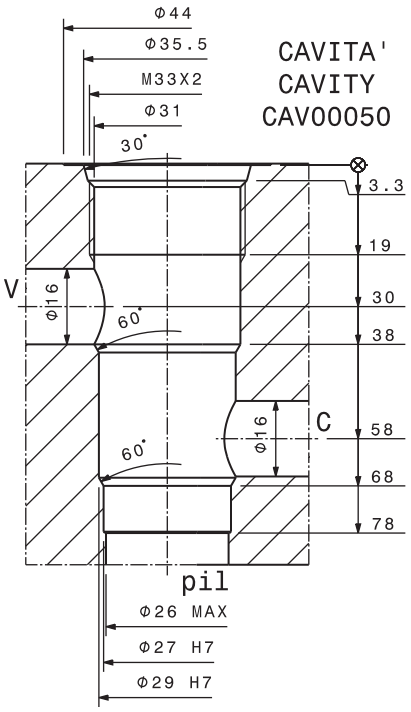
mod. OVC150-C





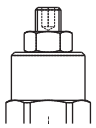
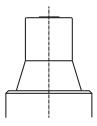
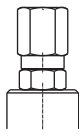
Portata massima *Max flow*	150 l/min *40 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	180 ÷ 210 Nm *135 ÷ 157 lb ft*





Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-	C	D
		
Vite esterna esagono incassato *Leakproof hex socket screw*	Piombatura *Sealing cap*	Cappellotto *Cap*

Sigla di ordinazione / Ordering code

OVC150-C	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

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 filitration*	25 µ

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 01-08-2016*

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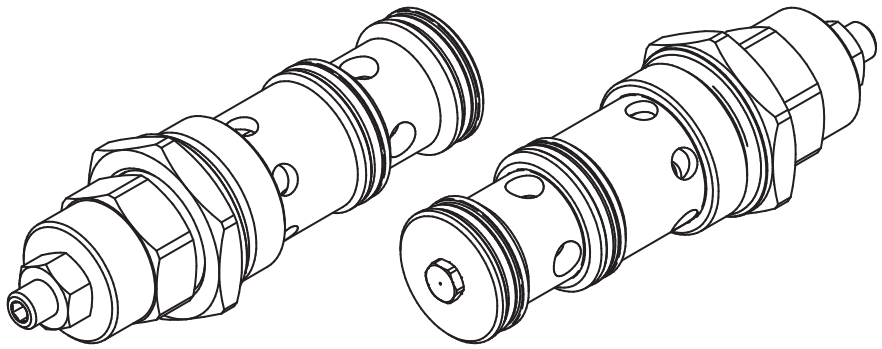
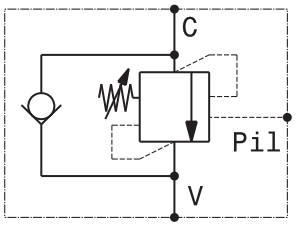
Valvola OVERCENTER a cartuccia
Pilot assisted COUNTERBALANCE valve – cartridge type

mod. OVC200-C





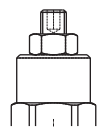
Portata massima *Max flow*	200 l/min *53 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	240 ÷ 260 Nm *180 ÷ 195 lb ft*

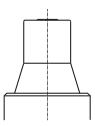
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

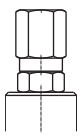
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

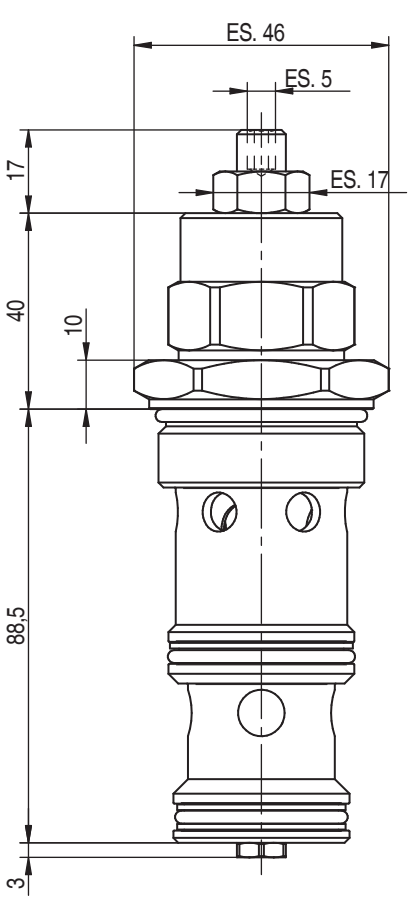
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

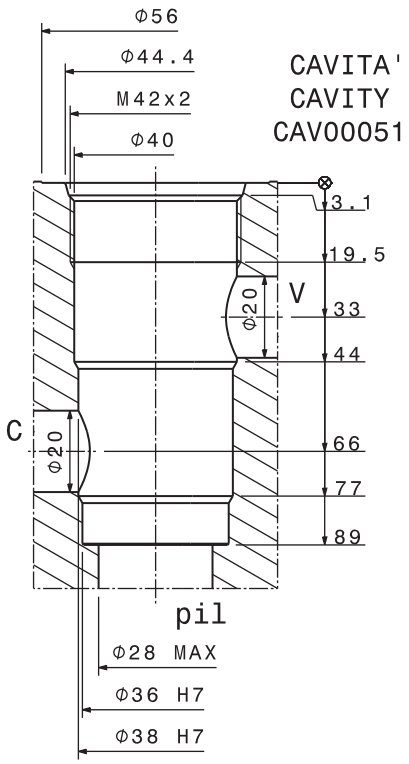
Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap





Sigla di ordinazione / Ordering code

OVC200-C	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

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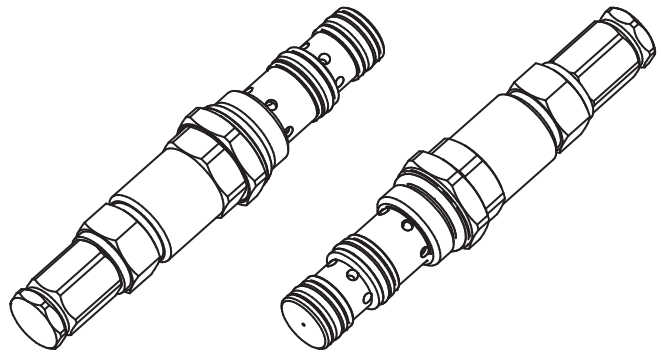
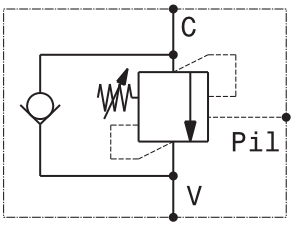
Valvola OVERCENTER a cartuccia
Pilot assisted COUNTERBALANCE valve – cartridge type

mod. OVC2008-C



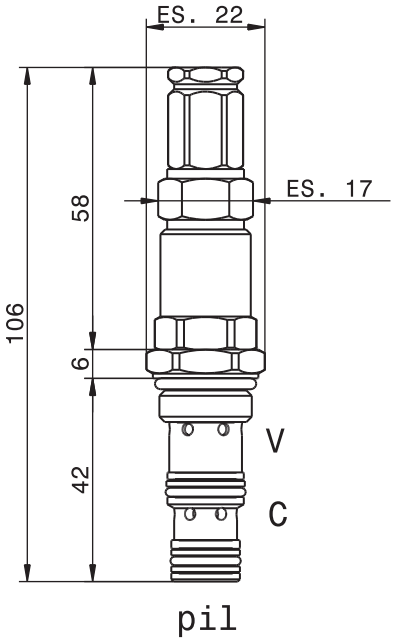


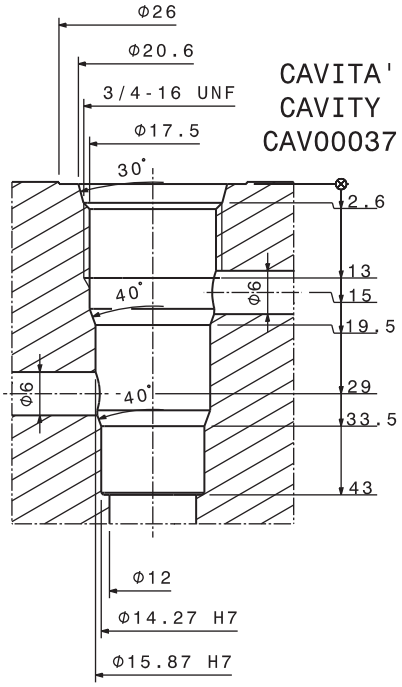
Portata massima *Max flow*	30 l/min *7.9 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	30 ÷ 35 Nm *22.5 ÷ 26 lb ft*

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 filitration*	25 µ

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***





Sigla di ordinazione / Ordering code

OVC2008-C — 02

- OVC2008-C: Modello / *Type*
- 02: Codice taratura / *Setting code* **01, 02**

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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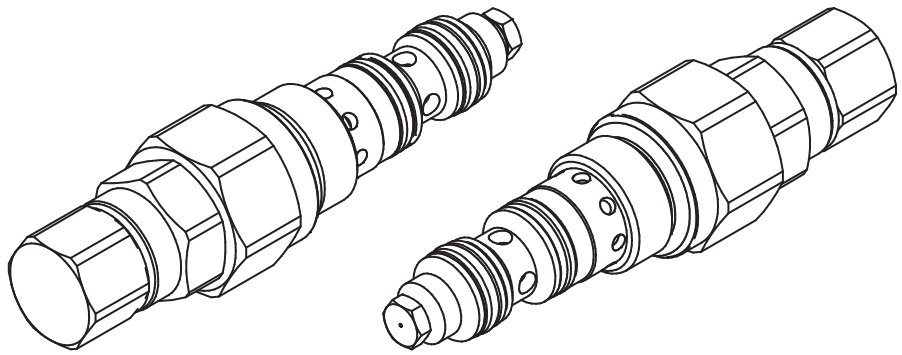
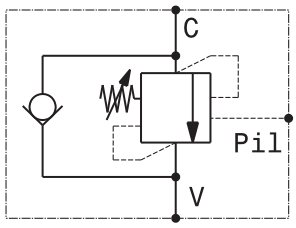
Valvola OVERCENTER a cartuccia
Pilot assisted COUNTERBALANCE valve – cartridge type

mod. OVC4010-C



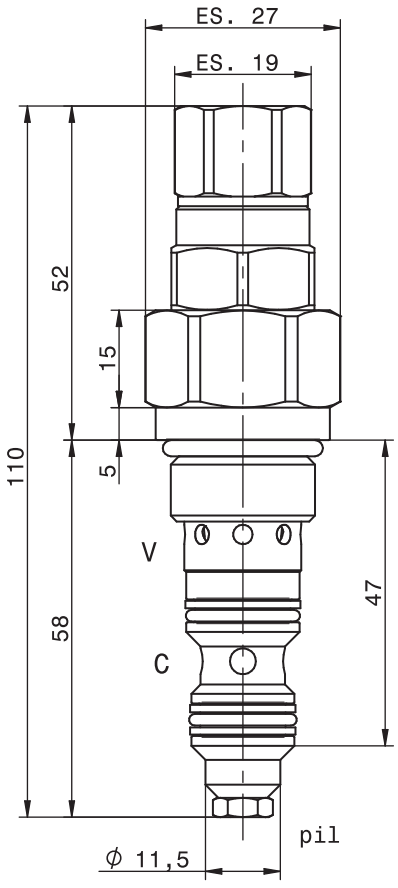


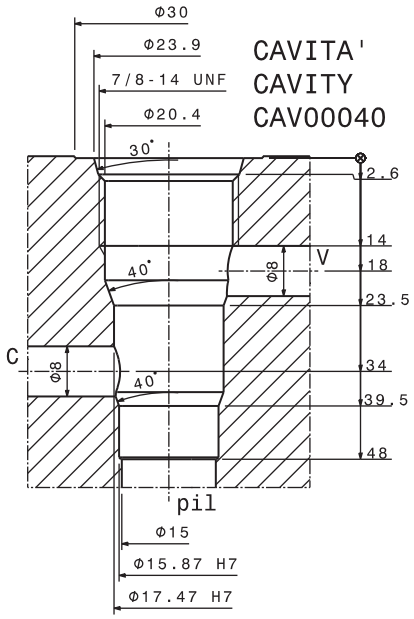
Portata massima *Max flow*	50 l/min *13.2 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	50 ÷ 60 Nm *38 ÷ 45 lb ft*

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 filitration*	25 µ

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***





Sigla di ordinazione / Ordering code

OVC4010-C — 02

Modello *Type*	Codice taratura *Setting code* **01, 02**

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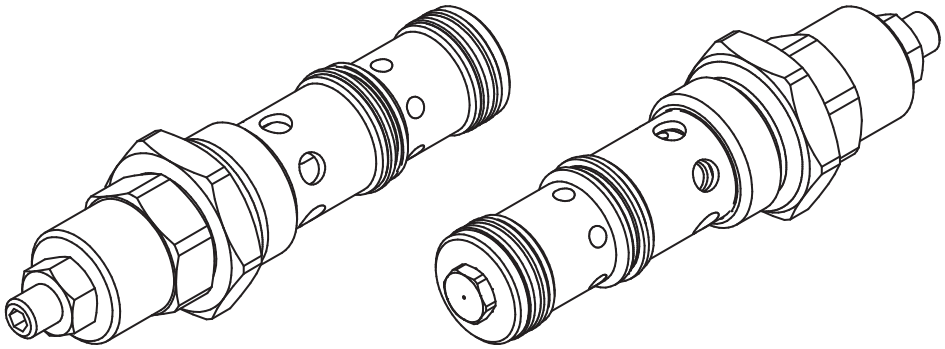
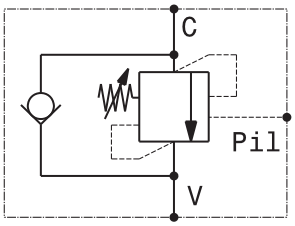
Valvola OVERCENTER a cartuccia
Pilot assisted COUNTERBALANCE valve – cartridge type

mod. OVC6012-C





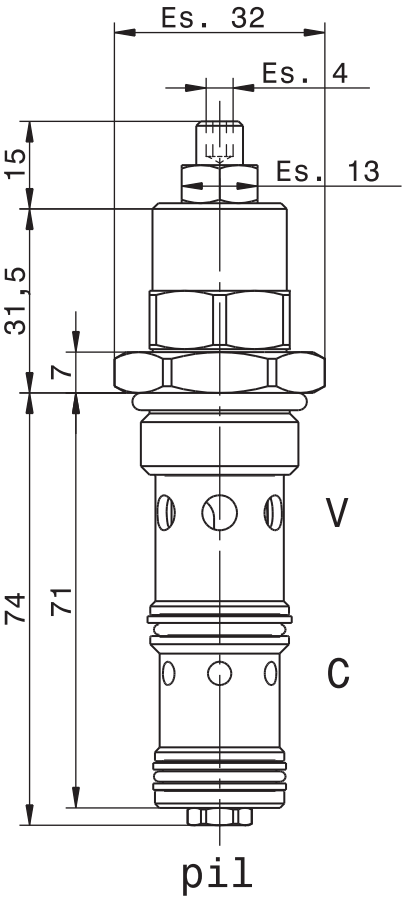
Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	110 ÷ 120 Nm *82 ÷ 90 lb ft*

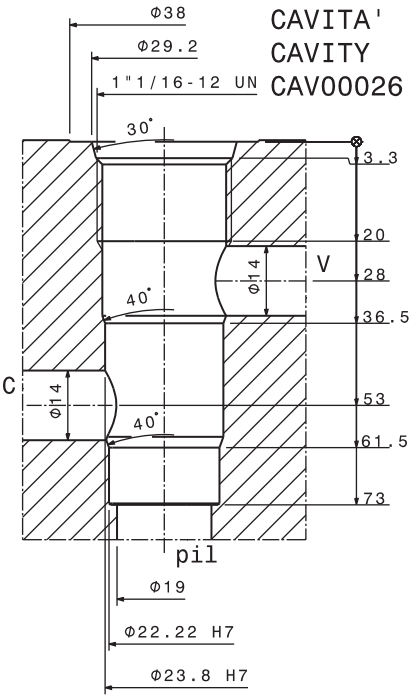
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

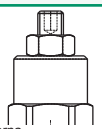
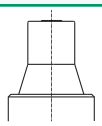
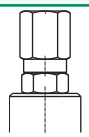
Taratura *Setting*: La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico
The valve must be set at least 1.3 times maximum load induced pressure

Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***





Regolazioni - *Adjustments*

-	C	D
		
Vite esterna esagono incassato *Leakproof hex socket screw*	Piombatura *Sealing cap*	Cappellotto *Cap*

Sigla di ordinazione / Ordering code

OVC6012-C	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 09-09-2014*

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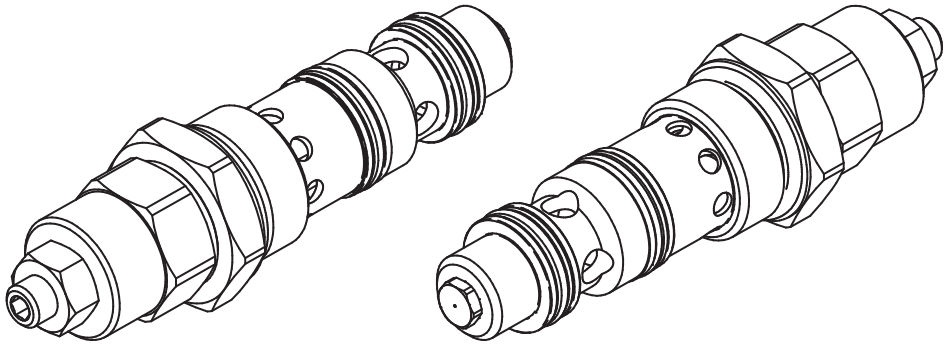
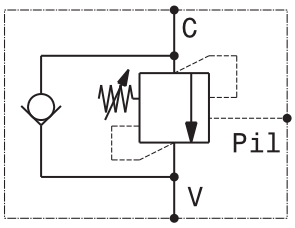
Valvola OVERCENTER a cartuccia
Pilot assisted COUNTERBALANCE valve – cartridge type

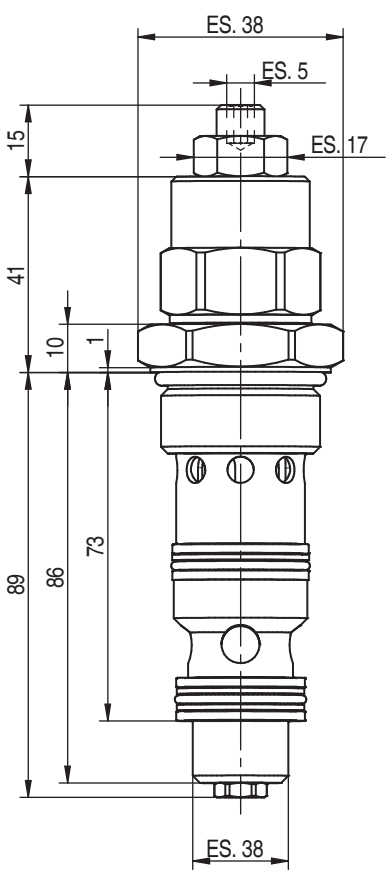
mod. OVC15016-C

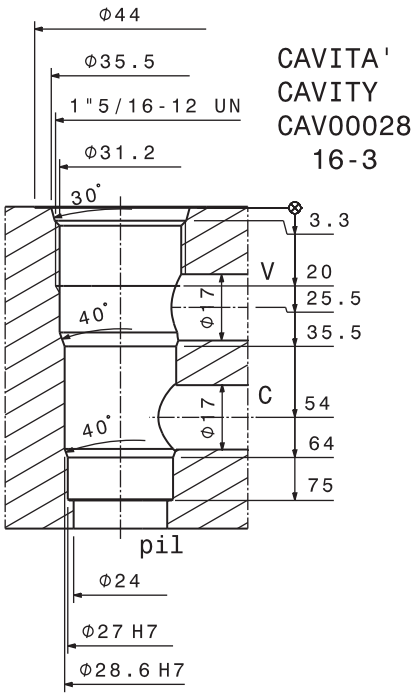




Portata massima *Max flow*	150 l/min *40 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	180 ÷ 210 Nm *135 ÷ 157 lb ft*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***





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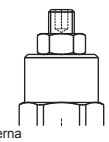
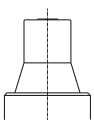
Regolazioni - *Adjustments*

-



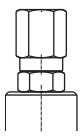
Vite esterna esagono incassato
Leakproof hex socket screw

C



Piombatura
Sealing cap

D



Cappellotto
Cap

Sigla di ordinazione / Ordering code

OVC15016-C	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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 filitration*	25 µ

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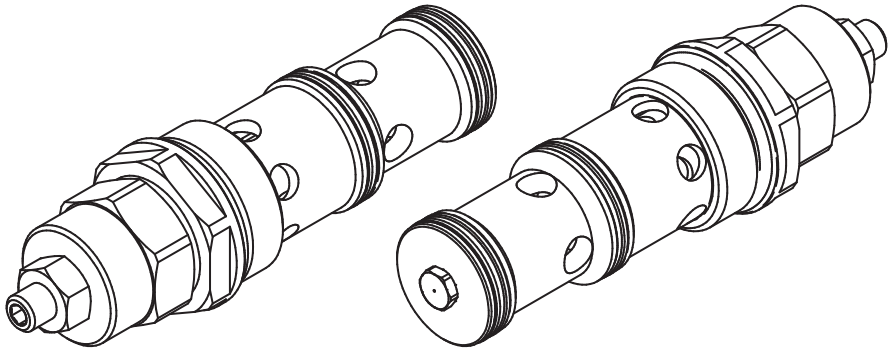
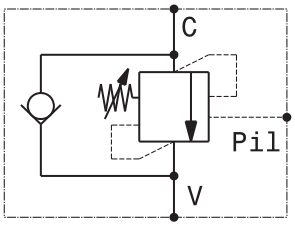
Valvola OVERCENTER a cartuccia
Pilot assisted COUNTERBALANCE valve – cartridge type

mod. OVC20020-C





Portata massima *Max flow*	200 l/min *53 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	240 ÷ 260 Nm *180 ÷ 195 lb ft*

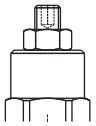
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

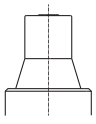
Regolazioni - *Adjustments*

-



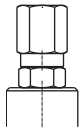
Vite esterna
esagono incassato
Leakproof hex socket screw

C

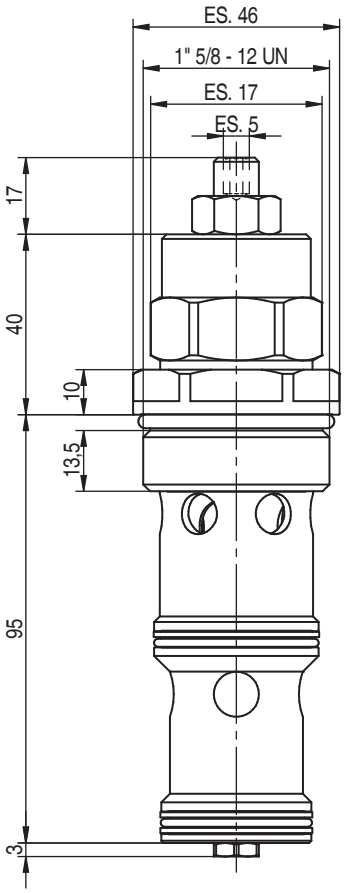


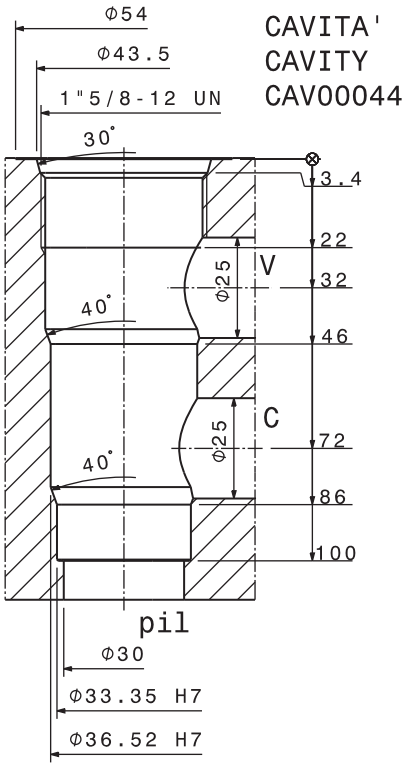
Piombatura
Sealing cap

D



Cappellotto
Cap





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Sigla di ordinazione / Ordering code

OVC20020-C	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 01-08-2016*

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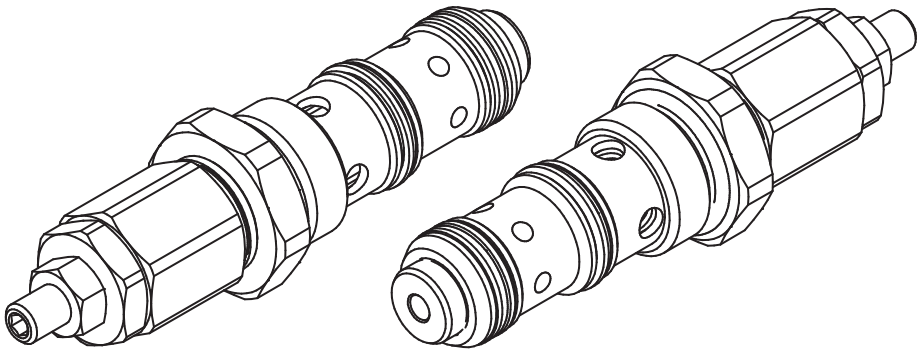
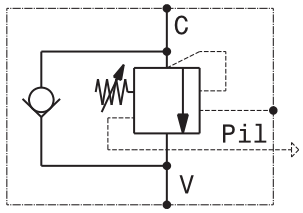
Valvola OVERCENTER a cartuccia compensata in pressione
Pressure compensated, pilot assisted COUNTERBALANCE valve – cartridge type

mod. OVC60CC-C





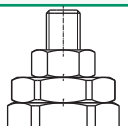
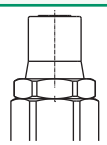
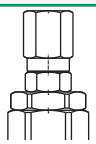
Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	110 ÷ 120 Nm *82 ÷ 90 lb ft*

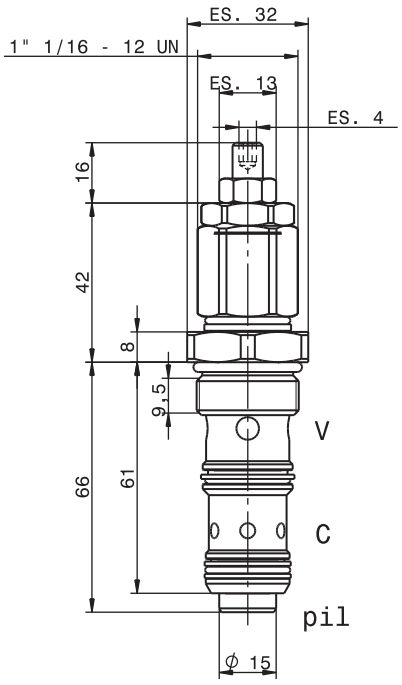
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-	C	D
		
Vite esterna esagono incassato *Leakproof hex socket screw*	Piombatura *Sealing cap*	Cappellotto *Cap*



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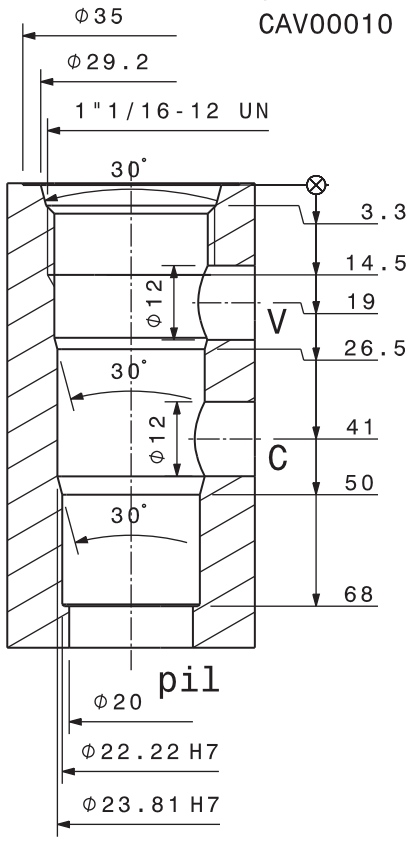
CAV00010



Sigla di ordinazione / Ordering code

OVC60CC-C	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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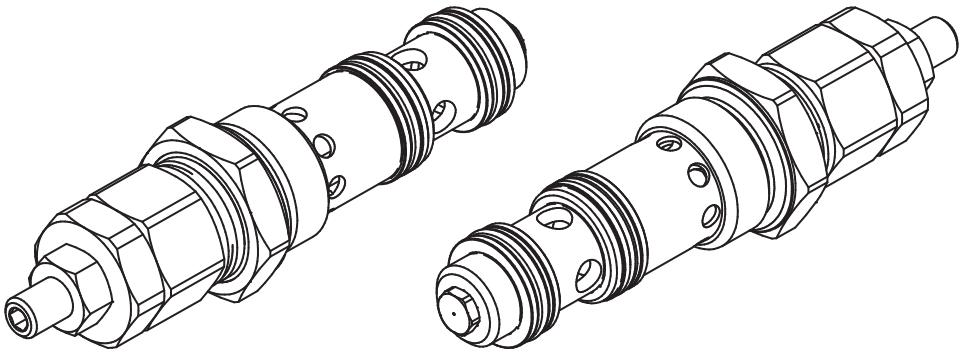
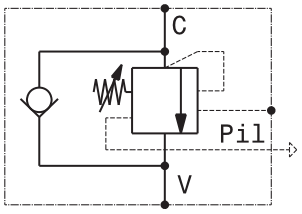
Valvola OVERCENTER a cartuccia compensata in pressione
Pressure compensated, pilot assisted COUNTERBALANCE valve – cartridge type

mod. OVC150CC-C



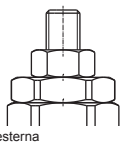


Portata massima *Max flow*	150 l/min *40 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	180 ÷ 210 Nm *135 ÷ 160 lb ft*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

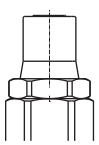
Regolazioni
Adjustments

-



Vite esterna esagono incassato
Leakproof hex socket screw

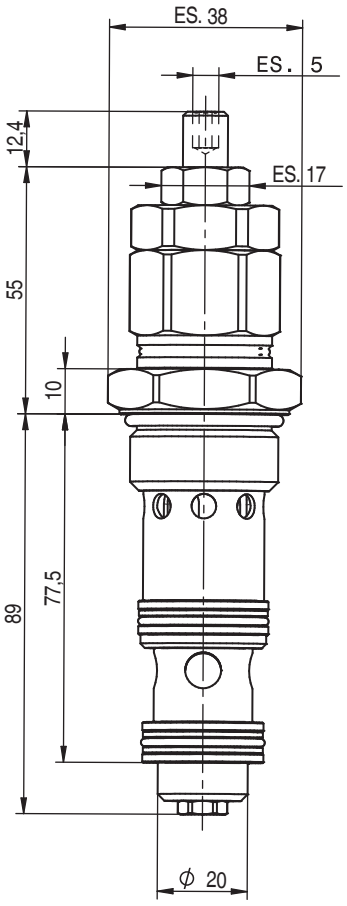
C

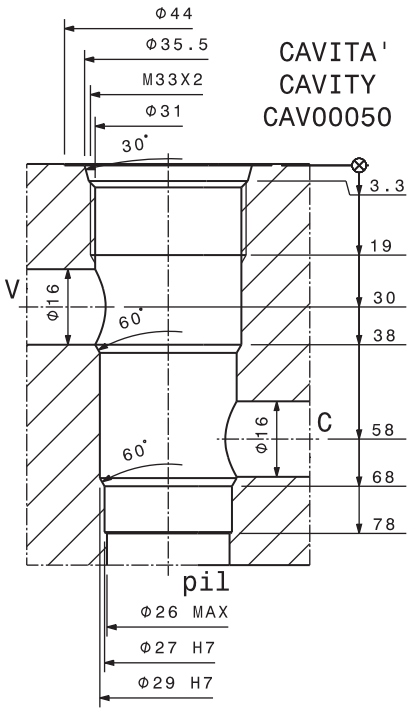


Piombatura
Sealing cap

D

Cappellotto
Cap





Sigla di ordinazione / Ordering code

OVC150CC-C	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

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 filitration*	25 µ

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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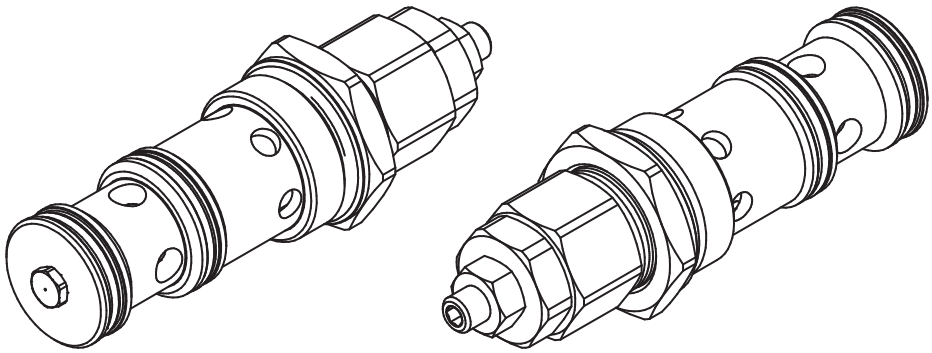
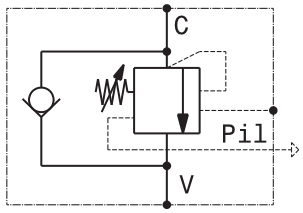
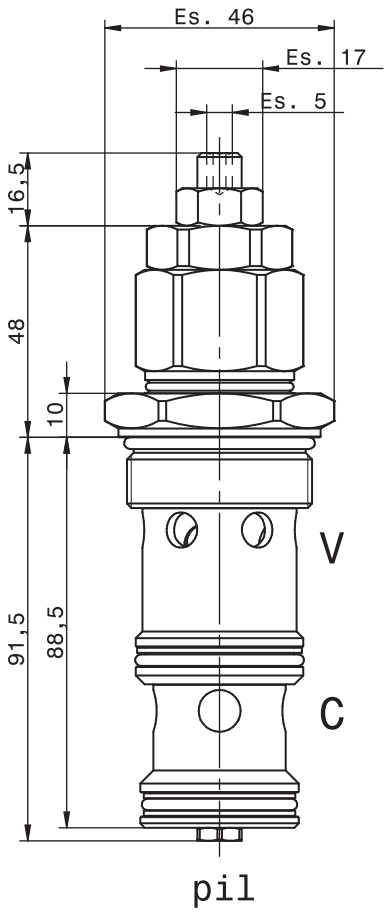
Valvola OVERCENTER a cartuccia compensata in pressione
Pressure compensated, pilot assisted COUNTERBALANCE valve – cartridge type

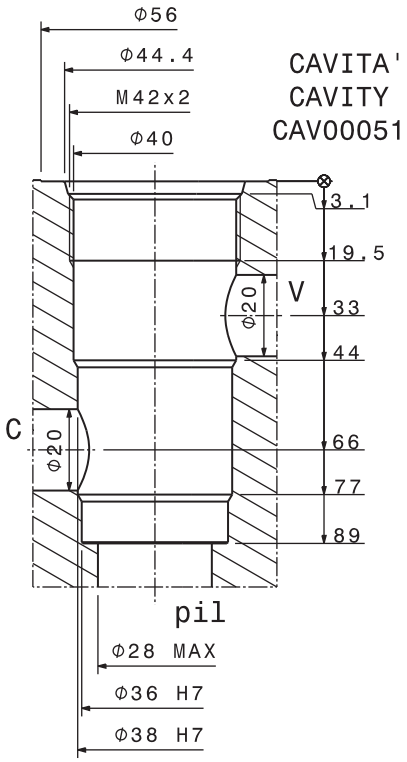
mod. OVC200CC-C





Portata massima *Max flow*	200 l/min *53 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	240 ÷ 260 Nm *180 ÷ 195 lb ft*





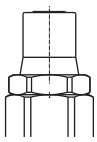
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni
Adjustments

-

Vite esterna esagono incassato
Leakproof hex socket screw

C



Piombatura
Sealing cap

D

Cappellotto
Cap

Sigla di ordinazione / Ordering code

OVC200CC-C	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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 filitration*	25 µ

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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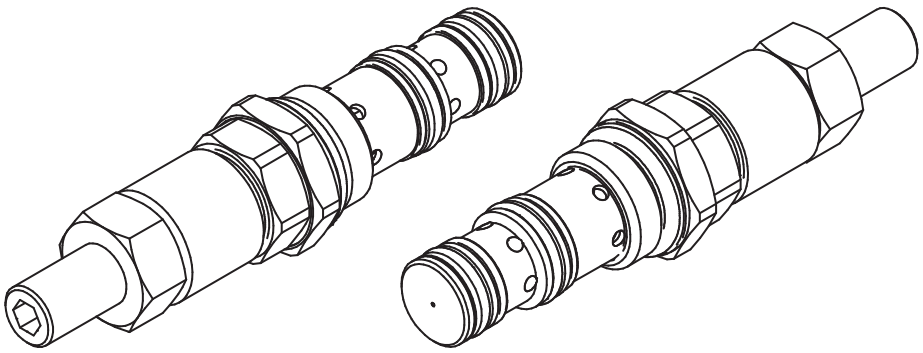
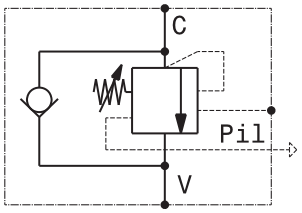
Valvola OVERCENTER a cartuccia compensata in pressione
Pressure compensated, pilot assisted COUNTERBALANCE valve – cartridge type

mod. OVC2008CC-C



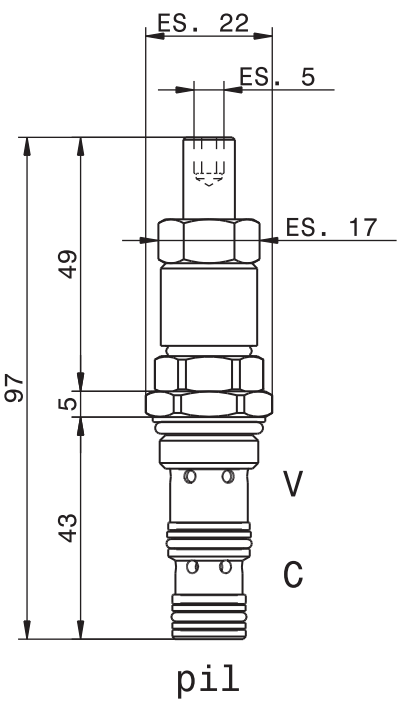


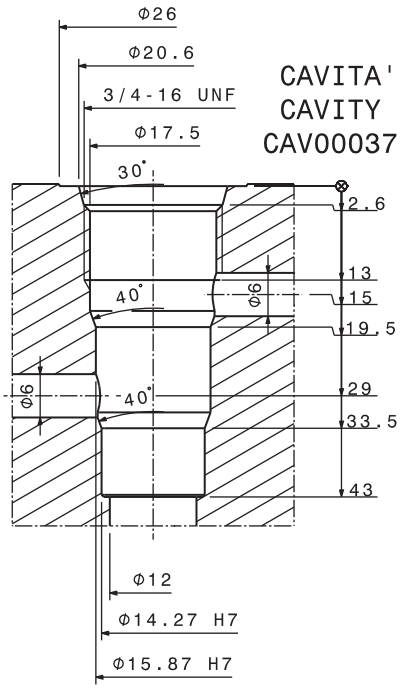
Portata massima *Max flow*	20 l/min *5.5 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	30 ÷ 35 Nm *22.5 ÷ 26 lb ft*

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 filitration*	25 µ

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***





Sigla di ordinazione / Ordering code

OVC2008CC-C — 02

- OVC2008CC-C: Modello / *Type*
- 02: Codice taratura / *Setting code* **01, 02**

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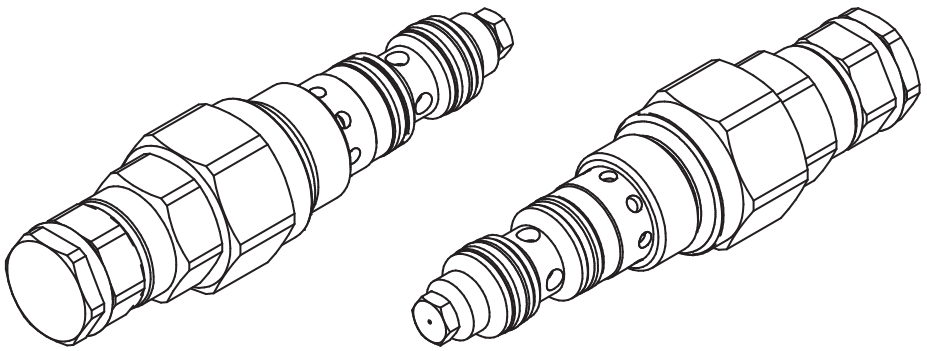
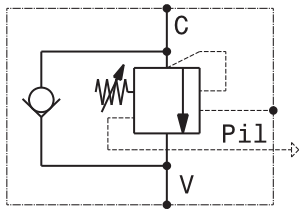
Valvola OVERCENTER a cartuccia compensata in pressione
Pressure compensated, pilot assisted COUNTERBALANCE valve – cartridge type

mod. OVC4010CC-C

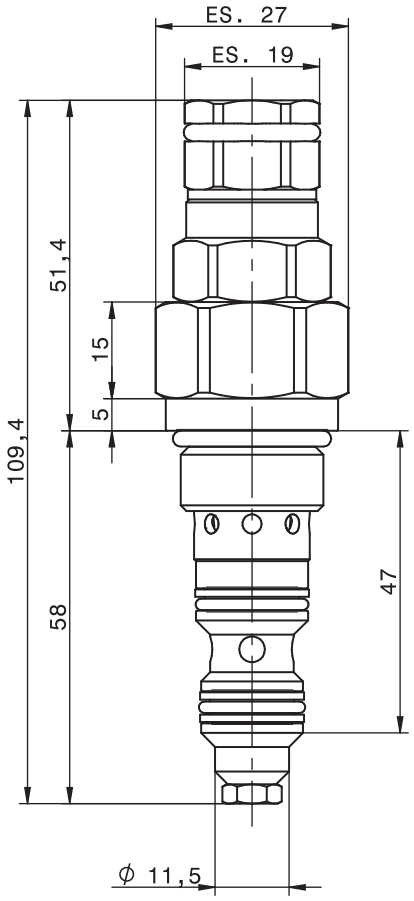


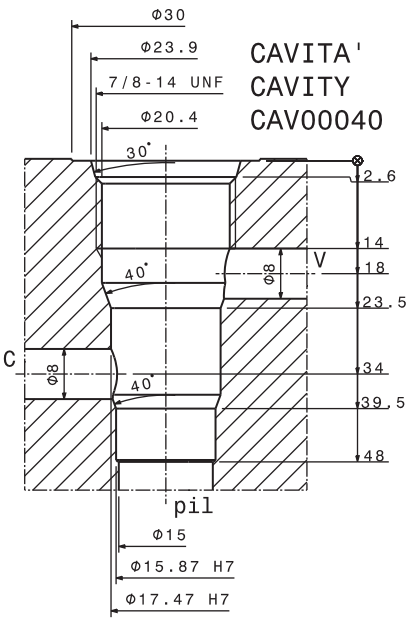


Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	50 ÷ 60 Nm *38 ÷ 45 lb ft*

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 filitration*	25 µ

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***





Sigla di ordinazione / Ordering code

OVC4010CC-C — 02

- OVC4010CC-C: Modello / *Type*
- 02: Codice taratura / *Setting code* **01, 02**

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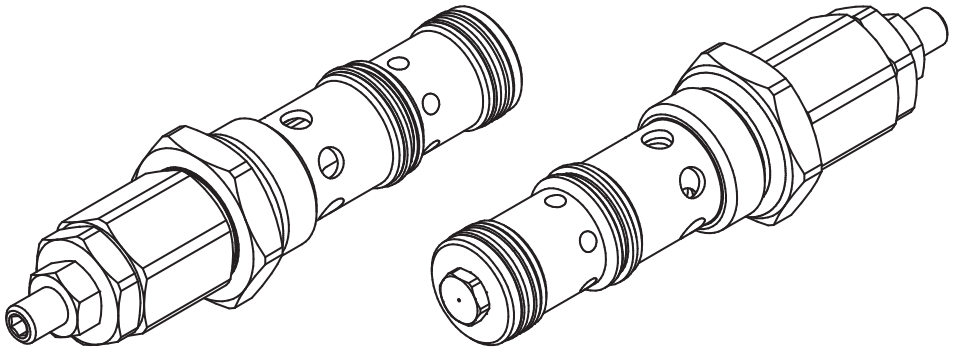
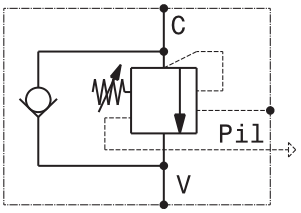
Valvola OVERCENTER a cartuccia compensata in pressione
Pressure compensated, pilot assisted COUNTERBALANCE valve – cartridge type

mod. OVC6012CC-C





Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	110 ÷ 120 Nm *82 ÷ 90 lb ft*

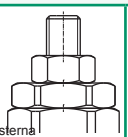
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

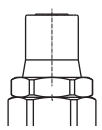
Regolazioni - *Adjustments*

-



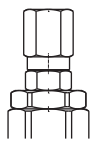
Vite esterna esagono incassato
Leakproof hex socket screw

C

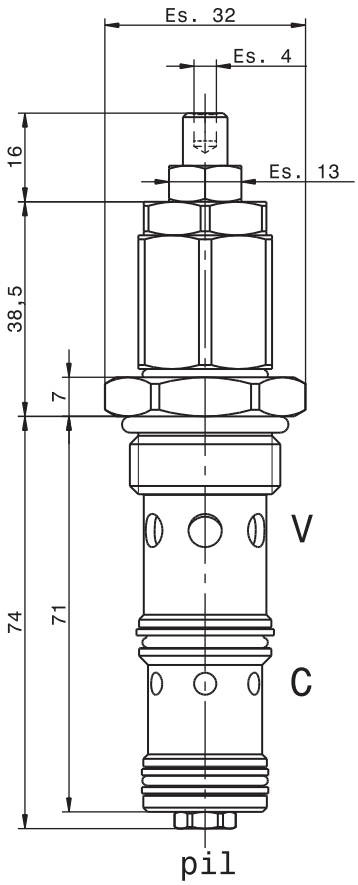


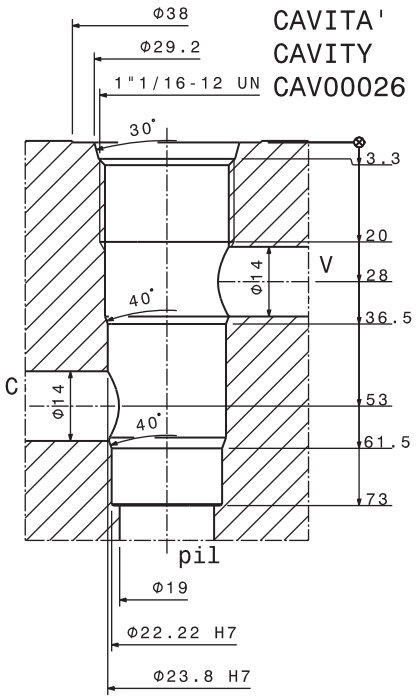
Piombatura
Sealing cap

D



Cappellotto
Cap





Sigla di ordinazione / Ordering code

OVC6012CC-C	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 09-09-2014*

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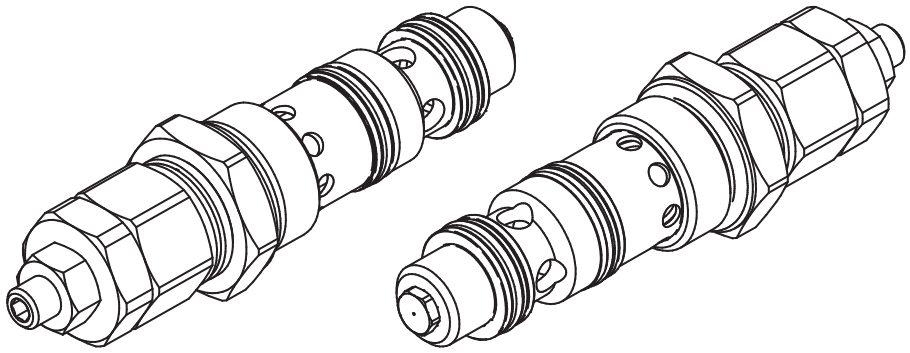
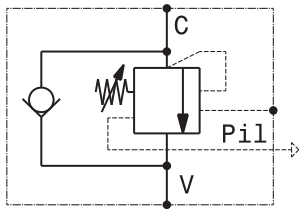
Valvola OVERCENTER a cartuccia compensata in pressione
Pressure compensated, pilot assisted COUNTERBALANCE valve – cartridge type

mod. OVC15016CC-C





Portata massima *Max flow*	150 l/min *40 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	180 ÷ 210 Nm *135 ÷ 157 lb ft*

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

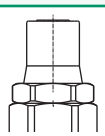
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

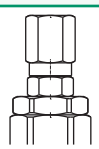
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

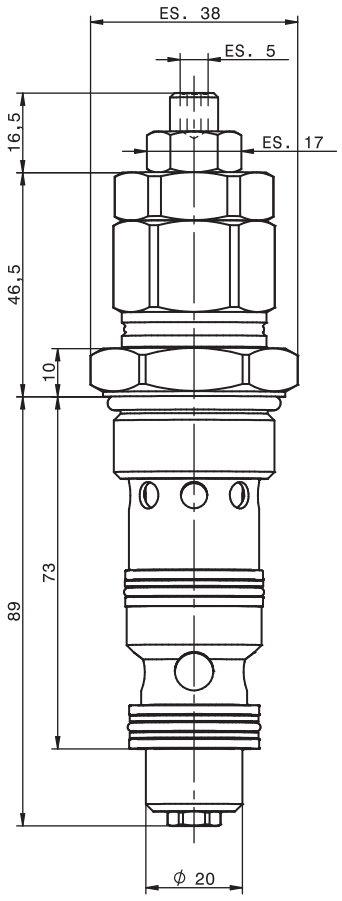
Vite esterna esagono incassato
Leakproof hex socket screw

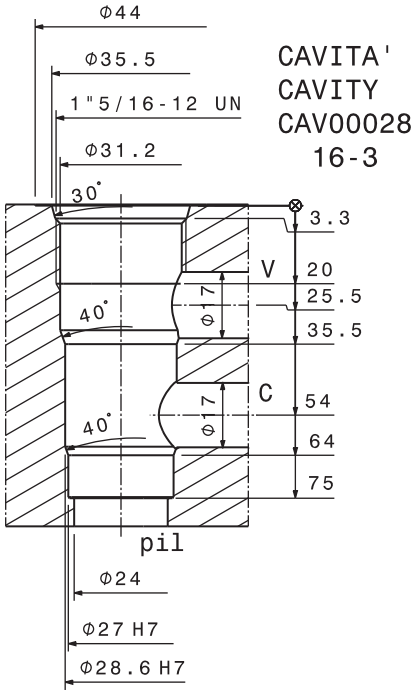
C

Piombatura
Sealing cap

D

Cappellotto
Cap

Sigla di ordinazione / Ordering code

OVC15016CC-C	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**





CAVITA'
CAVITY
CAV00028
16-3

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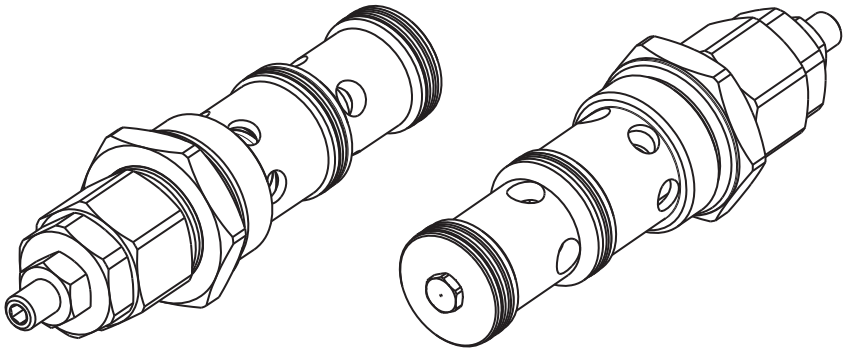
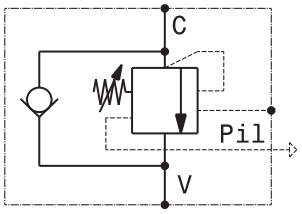
Valvola OVERCENTER a cartuccia compensata in pressione
Pressure compensated, pilot assisted COUNTERBALANCE valve – cartridge type

mod. OVC20020CC-C





Portata massima *Max flow*	200 l/min *53 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1
Coppia di serraggio *Installation torque*	240 ÷ 260 Nm *180 ÷ 195 lb ft*

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

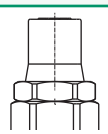
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

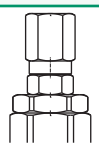
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

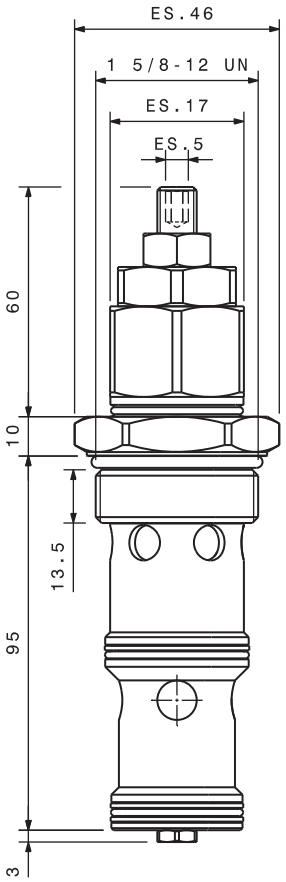
Regolazioni - *Adjustments*

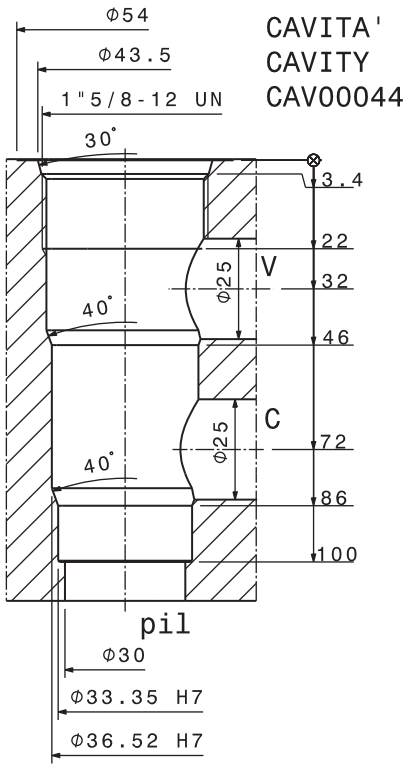
-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap





CAVITA'
CAVITY
CAV00044

Sigla di ordinazione / Ordering code

OVC20020CC-C	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 09-09-2014*

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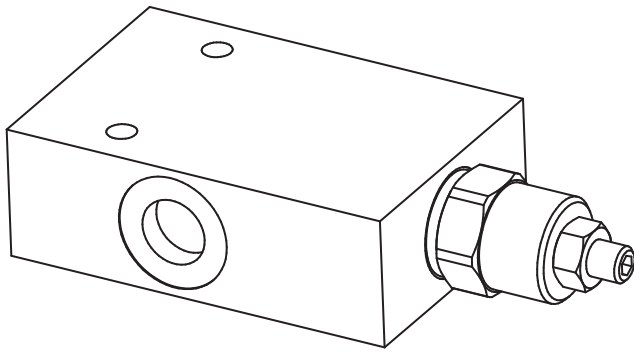
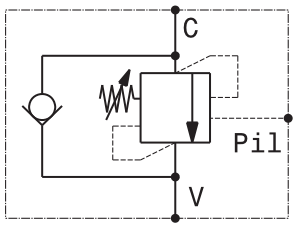
Valvola OVERCENTER semplice effetto con pilotaggio esterno
Single effect COUNTERBALANCE valve with external pilot

mod. OVC-SE

Corpo in alluminio
Aluminium body





Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

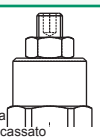
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

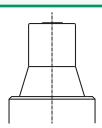
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

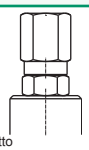
Modello ***Type***	**V, C**	**Pil**	**Portata max** ***Max. flow***
OVC-SE-38	3/8”GAS	1/4”GAS	40 l/min *10.5 gpm*
OVC-SE-12	1/2”GAS	1/4”GAS	60 l/min *16 gpm*
OVC-SE-34	3/4”GAS	1/4”GAS	100 l/min *26 gpm*
OVC-SE-10	1”GAS	1/4”GAS	120 l/min *32 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

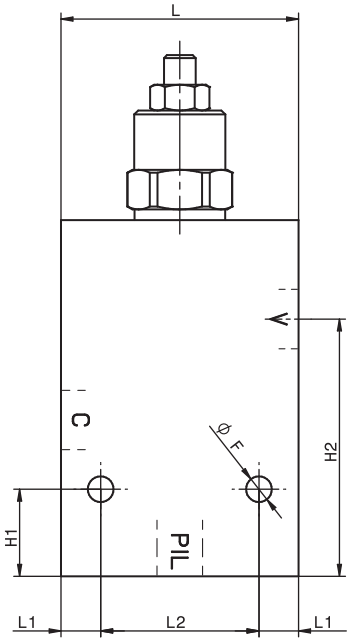
-

Vite esterna esagono incassato
Leakproof hex socket screw

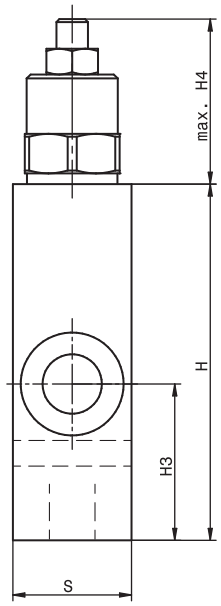
C

Piombatura
Sealing cap

D

Cappellotto
Cap

Sigla di ordinazione / Ordering code

OVC-SE-38	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**





Modello ***Type***	**L**	**H**	**S**	**L1**	**L2**	**H1**	**H2**	**H3**	**H4**	**F**
OVC-SE-38	60	90	30	10	40	22	65	39.5	42	6.5
OVC-SE-12	60	90	30	10	40	22	65	39.5	42	6.5
OVC-SE-34	70	110	40	10	50	27.5	85	50	46	8.5
OVC-SE-10	70	110	50	10	50	20	81	50	46	8.5

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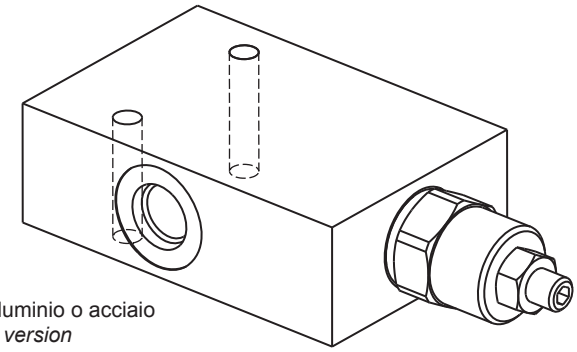
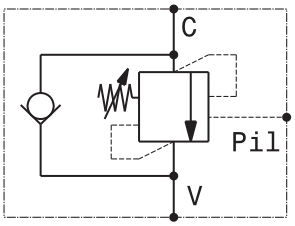
Valvola OVERCENTER semplice effetto con pilotaggio esterno, attachi SAE
Single effect COUNTERBALANCE valve with external pilot, SAE ports

mod. OVC-SE-06S / OVC-SE-08S



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



Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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 filitration*	25 µ

Modello ***Type***	**V, C**	**Pil**	**Portata max** ***Max. flow***
OVC-SE-06S	SAE-06	SAE-06	40 l/min *10.5 gpm*
OVC-SE-08S	SAE-08	SAE-06	60 l/min *16 gpm*

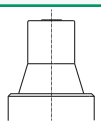
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

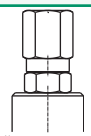
Vite esterna esagono incassato
Leakproof hex socket screw

C

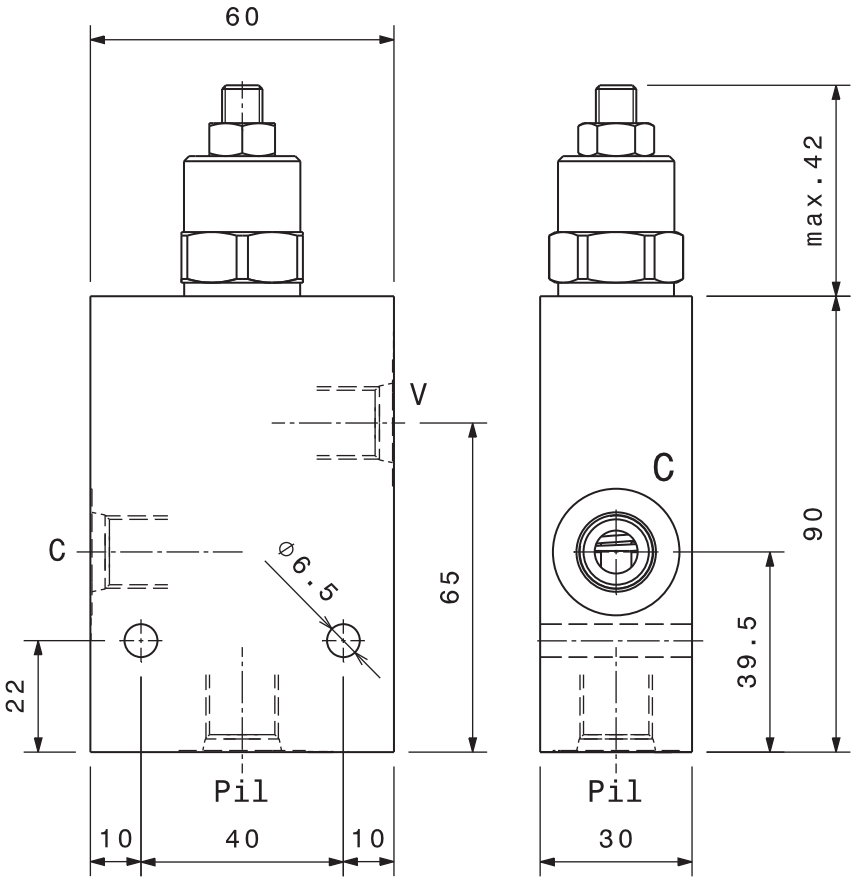


Piombatura
Sealing cap

D



Cappellotto
Cap



Sigla di ordinazione / Ordering code

OVC-SE-06S	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**	**A** Acciaio / *Steel*

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 01-08-2016*

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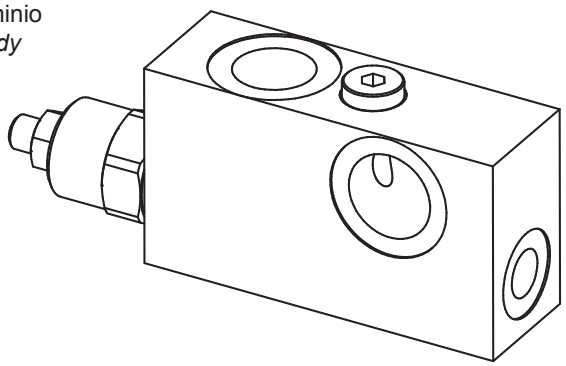
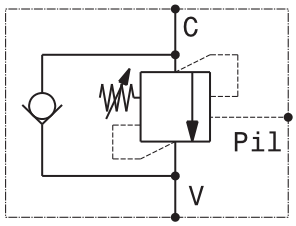
Valvola OVERCENTER semplice effetto con pilotaggio esterno flangiabile con vite cava
Single effect COUNTERBALANCE valve with external pilot – nipple screw flangeable

mod. OVC-SE-C

Corpo in alluminio
Aluminium body





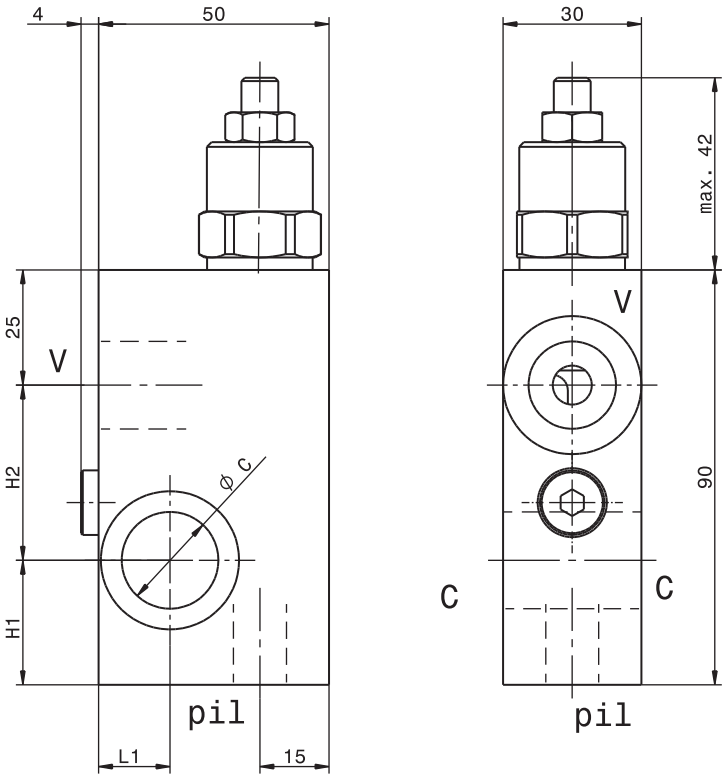
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

Modello ***Type***	**V** **GAS**	**Pil** **GAS**	**C** **Ø**	**H1**	**H2**	**L1**	**Portata max** ***Max. flow***
OVC-SE-C-14	1/4”	1/4”	13	31	34	15	25 l/min *6.5 gpm*
OVC-SE-C-38	3/8”	1/4”	17	29	36	15	40 l/min *10.5 gpm*
OVC-SE-C-12	1/2”	1/4”	21	27	38	15.5	60 l/min *16 gpm*

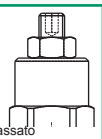
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

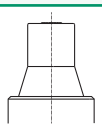
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

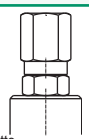
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***



Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap

Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Modello *Type*	Codice di ordinazione *Ordering Code*
	OVC-SEC-14	**KITV0012**
	OVC-SEC-38	**KITV0002**
	OVC-SEC-12	**KITV0003**

Sigla di ordinazione / Ordering code

OVC-SE-C-38	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

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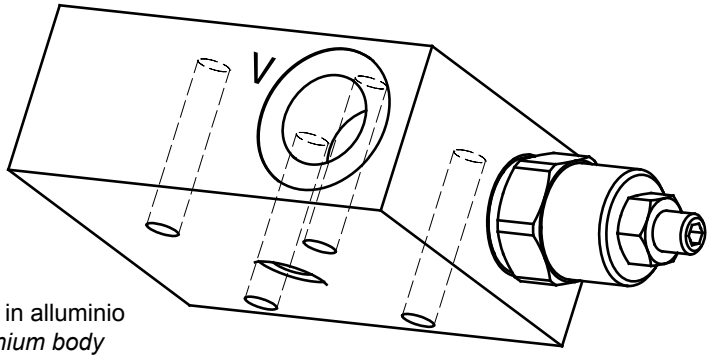
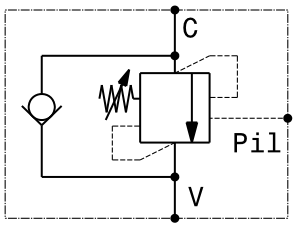
Valvola OVERCENTER semplice effetto con pilotaggio esterno flangiabile
Flange mounted, single effect COUNTERBALANCE valve with external pilot

mod. OVC-SE-F38



Corpo in alluminio
Aluminium body



Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

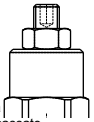
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

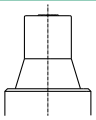
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

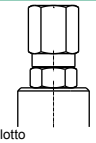
Modello ***Type***	**V**	**Pil**	**Portata max** ***Max. flow***
OVC-SE-F38-38	3/8"GAS	1/4"GAS	40 l/min *10.5 gpm*
OVC-SE-F38-12	1/2"GAS	1/4"GAS	60 l/min *16 gpm*

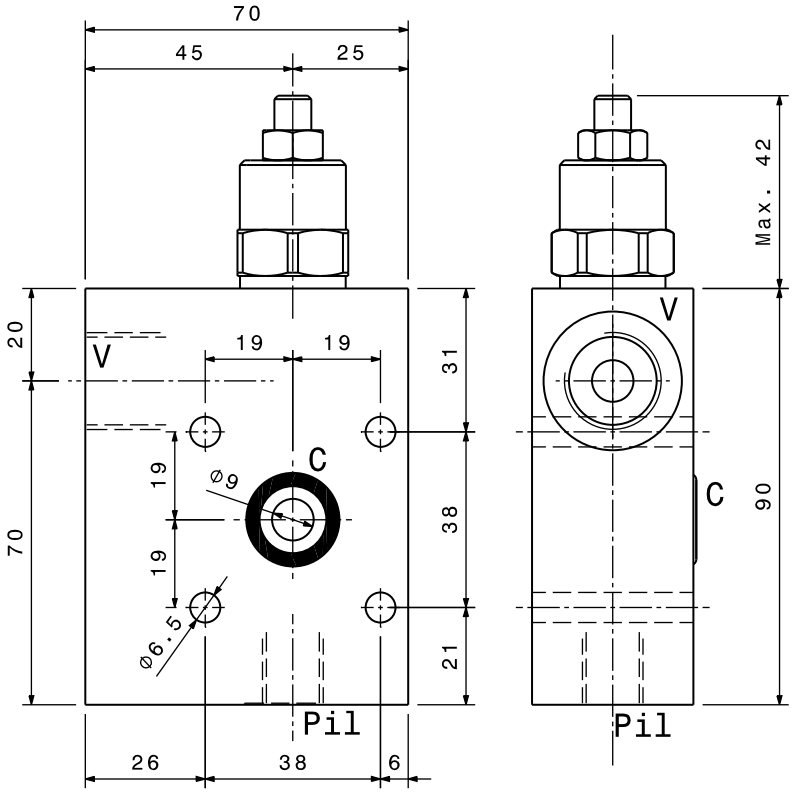
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Sigla di ordinazione / Ordering code

OVC-SE-F38-38	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 09-09-2014*

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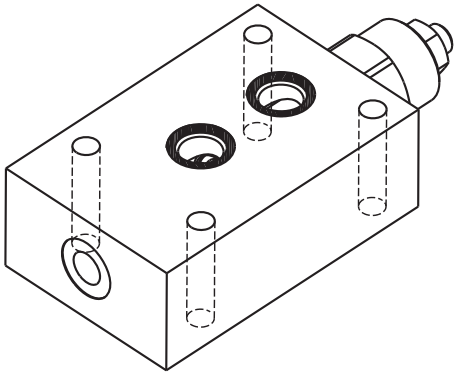
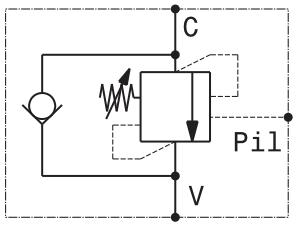
e-mail: info@cbfhydraulic.com - http://www.cbfhydraulic.com

Valvola OVERCENTER semplice effetto con pilotaggio esterno flangiabile
Flange mounted single effect COUNTERBALANCE valve with external pilot

mod. OVC-SE-F2-34



Corpo in alluminio
Aluminium body



Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

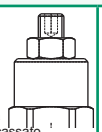
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

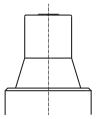
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

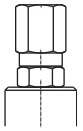
Modello ***Type***	**V, C**	**Pil**	**Portata max** ***Max. flow***
OVC-SE-F2-34	Ø 14	1/4"GAS	100 l/min *26 gpm*

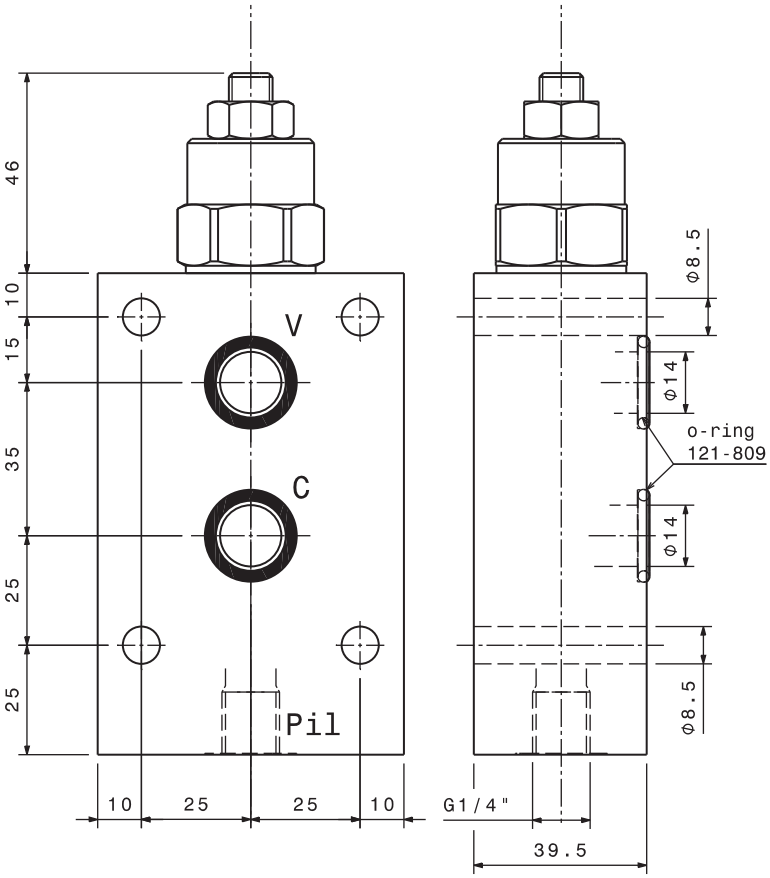
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Sigla di ordinazione / Ordering code

OVC-SE-F2-34	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

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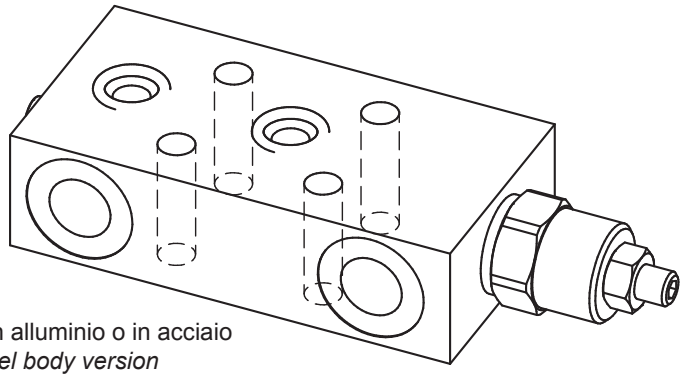
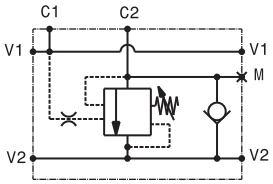
Valvola OVERCENTER semplice effetto flangiabile
Flange mounted, single effect COUNTERBALANCE valve

mod. OVC-SE-F2-PST





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

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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

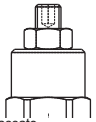
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

Modello ***Type***	**V1, V2**	**M**	**Portata max** ***Max. flow***
OVC-SE-F2-PST-38	3/8"GAS	1/4"GAS	40 l/min *10.5 gpm*
OVC-SE-F2-PST-12	1/2"GAS	1/4"GAS	60 l/min *16 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

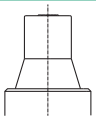
Regolazioni - *Adjustments*

-



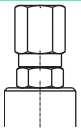
Vite esterna esagono incassato
Leakproof hex socket screw

C

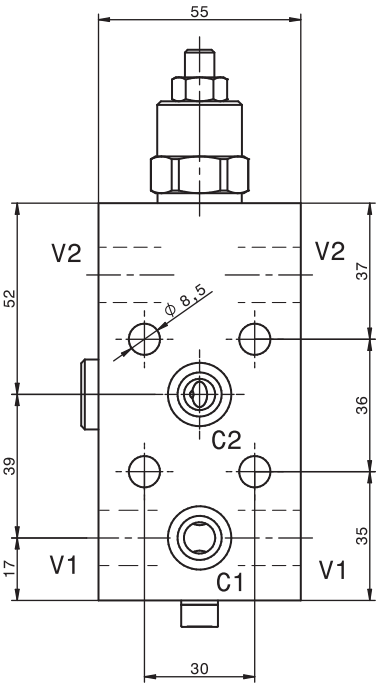


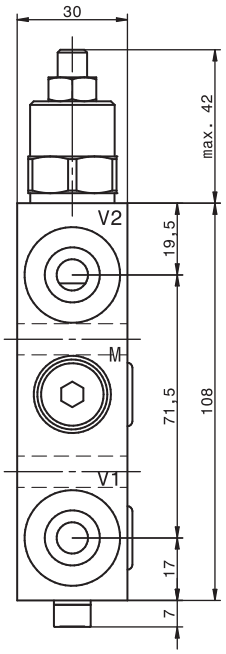
Piombatura
Sealing cap

D



Cappellotto
Cap





Sigla di ordinazione / Ordering code

OVC-SE-F2-PST38	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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Aggiornamento / *Update 09-09-2014*

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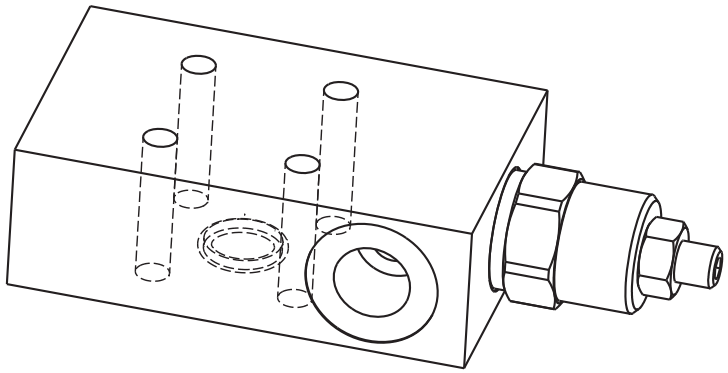
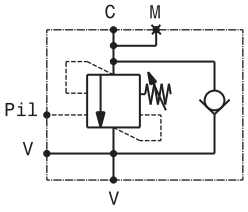
Valvola OVERCENTER semplice effetto con pilotaggio esterno flangiabile - acciaio
Flange mounted, single effect COUNTERBALANCE valve with external pilot - steel

mod. OVC-SE-F-A





Corpo in acciaio
Steel body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

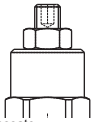
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

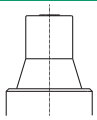
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

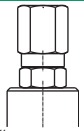
Modello ***Type***	**V**	**Pil**	**Portata max** ***Max. flow***
OVC-SE-F-38-A	3/8"GAS	1/4"GAS	40 l/min *10.5 gpm*
OVC-SE-F-12-A	1/2"GAS	1/4"GAS	60 l/min *16 gpm*

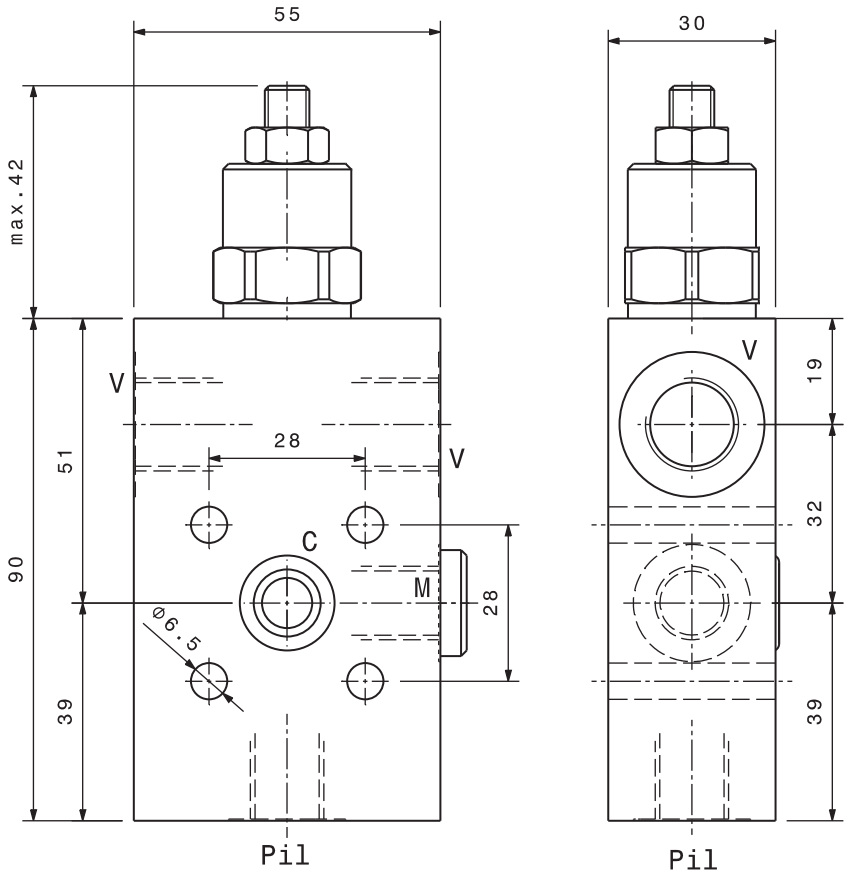
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Sigla di ordinazione / Ordering code

OVC-SE-F-38-A	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**	**A** Acciaio / *Steel*

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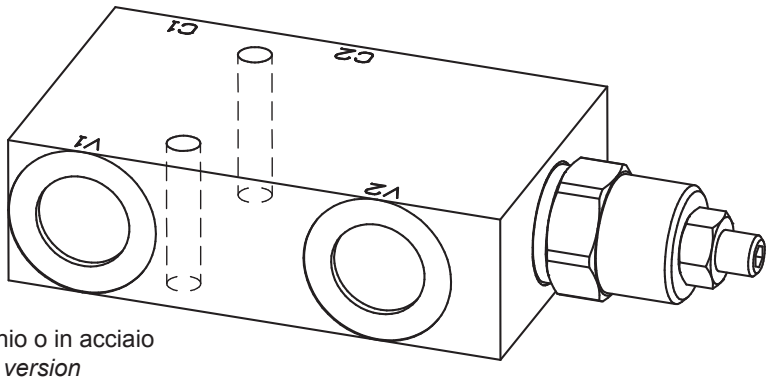
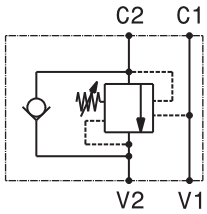
Valvola OVERCENTER semplice effetto in linea
In line, single effect COUNTERBALANCE valve

mod. OVC-SE-L





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

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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 filitration*	25 µ

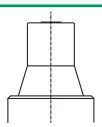
Modello ***Type***	**V1, V2** **C1, C2**	**Portata max** ***Max. flow***
OVC-SE-L-38	3/8"GAS	40 l/min *10.5 gpm*
OVC-SE-L-12	1/2"GAS	60 l/min *16 gpm*
OVC-SE-L-34	3/4"GAS	100 l/min *26 gpm*
OVC-SE-L-10	1"GAS	120 l/min *32 gpm*

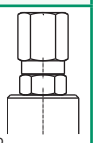
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

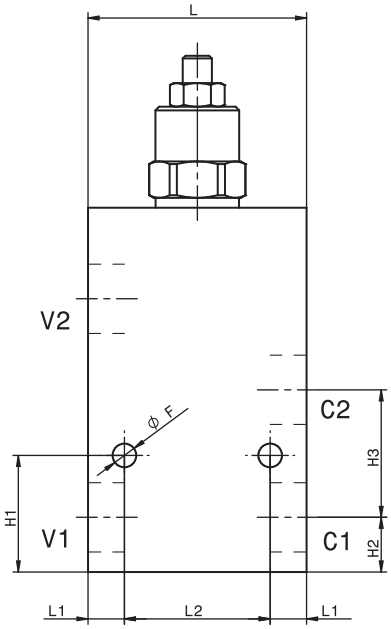
Regolazioni - *Adjustments*

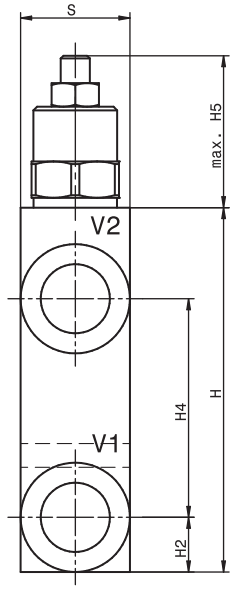
-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap





Modello ***Type***	**L**	**H**	**S**	**L1**	**L2**	**H1**	**H2**	**H3**	**H4**	**H5**	**F**
OVC-SE-L-38	60	100	30	10	40	32	15	35	60	42	6.5
OVC-SE-L-12	60	100	30	10	40	32	15	35	60	42	6.5
OVC-SE-L-34	70	125	40	10	50	42.5	20	45	80	48	8.5
OVC-SE-L-10	70	140	50	10	50	51	25	52	90	48	8.5

Sigla di ordinazione / Ordering code

OVC-SE-L-38	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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Aggiornamento / *Update 09-09-2014*

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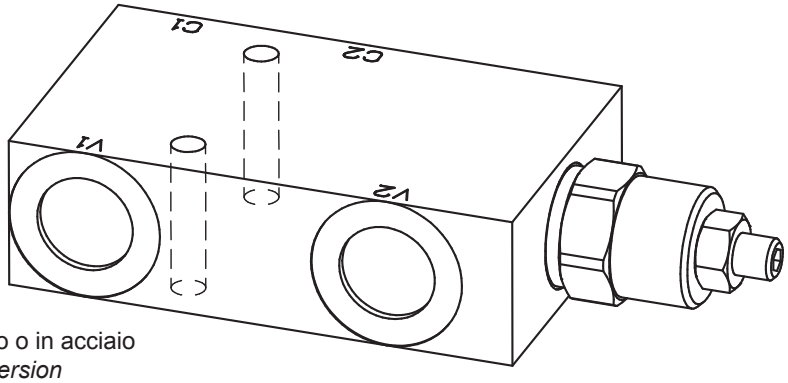
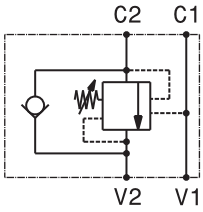
Valvola OVERCENTER semplice effetto in linea
In line, single effect COUNTERBALANCE valve

mod. OVC-SE-L (1/4"-1/8"BSP)





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

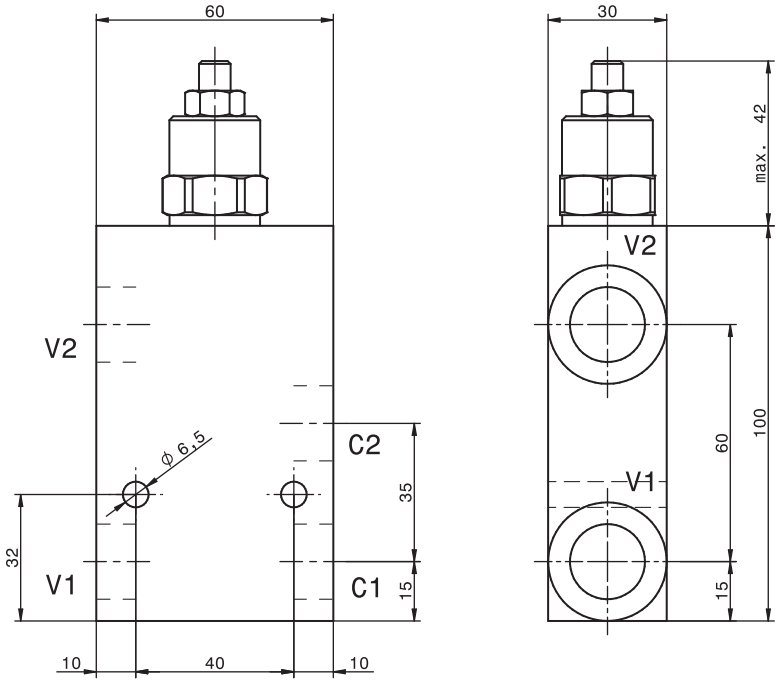
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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

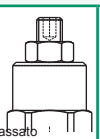
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

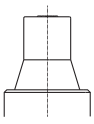
Modello ***Type***	**V1, V2** **C1, C2**	**Portata max** ***Max. flow***
OVC-SE-L-18	1/8"GAS	15 l/min *4 gpm*
OVC-SE-L-14	1/4"GAS	25 l/min *6,5 gpm*

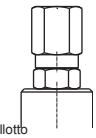
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***



Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap

Sigla di ordinazione / Ordering code

OVC-SE-L-14	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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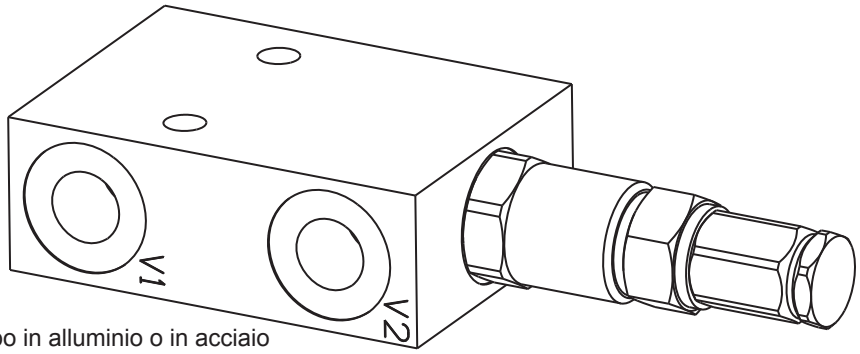
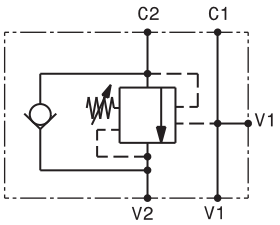
Valvola OVERCENTER semplice effetto in linea
In line, single effect COUNTERBALANCE valve

mod. OVC-SE-L-25 (1/4”-1/8”BSP)





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

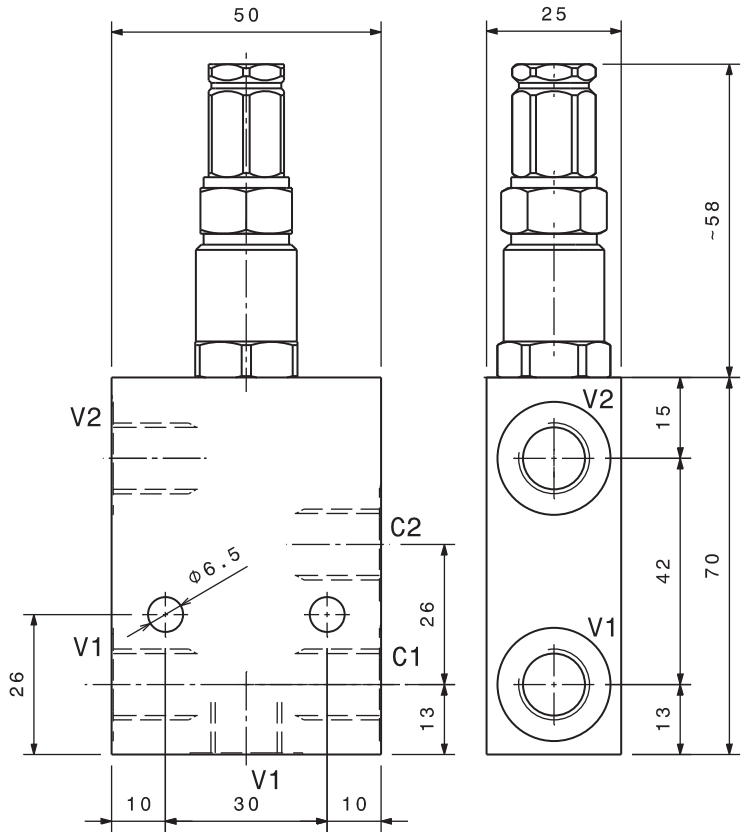
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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 filitration*	25 µ

Modello ***Type***	**V1, V2** **C1, C2**	**Portata max** ***Max. flow***
OVC-SE-L-25-18	1/8”GAS	15 l/min *4 gpm*
OVC-SE-L-25-14	1/4”GAS	20 l/min *5,28 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***



Sigla di ordinazione / Ordering code

OVC-SE-L-25-14	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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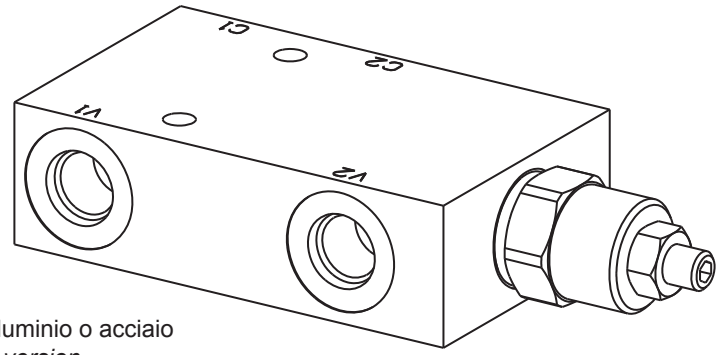
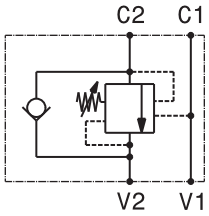
Valvola OVERCENTER semplice effetto in linea, attacchi SAE
In line, single effect COUNTERBALANCE valve, SAE ports

mod. OVC-SE-L-06S / OVC-SE-L-08S





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

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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 filitration*	25 µ

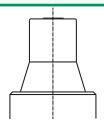
Modello ***Type***	**V1, C1**	**V2, C2**	**Portata max** ***Max. flow***
OVC-SEL-06S	SAE-06	SAE-06	40 l/min *10.5 gpm*
OVC-SEL-08S	SAE-08	SAE-08	60 l/min *16 gpm*

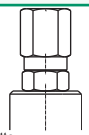
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

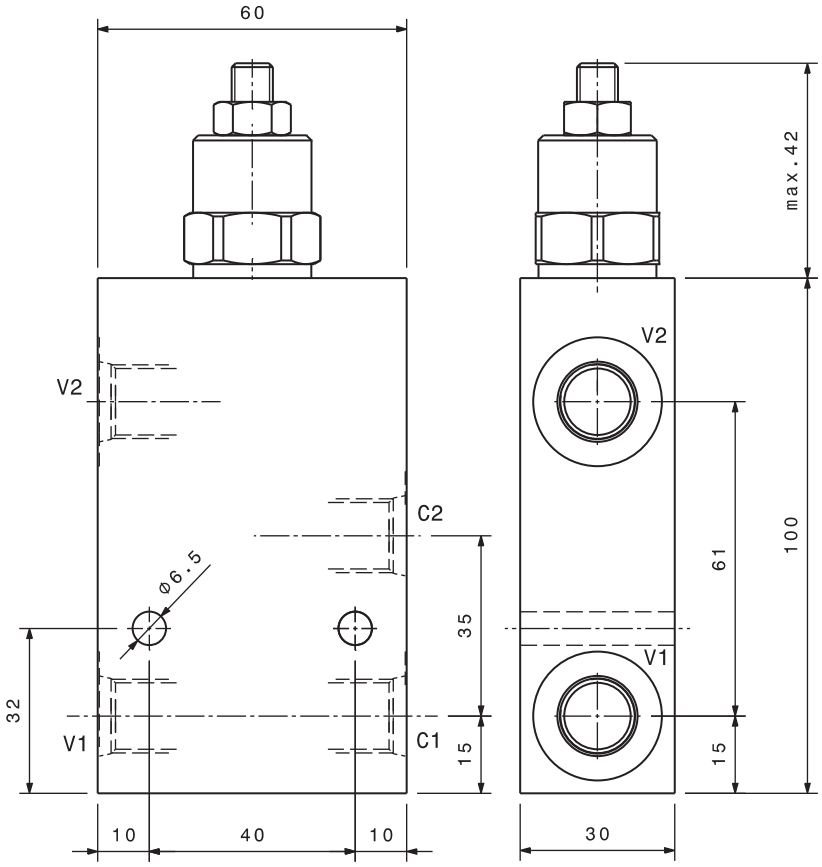
Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Sigla di ordinazione / Ordering code

OVC-SE-L-06S	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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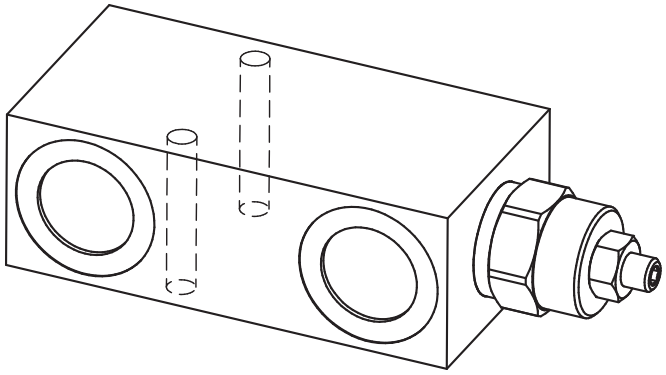
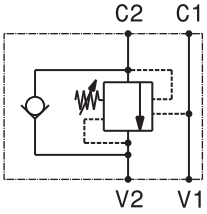
Valvola OVERCENTER semplice effetto in linea
In line, single effect COUNTERBALANCE valve

mod. OVC-SE-L-200





Corpo in alluminio
Aluminium body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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

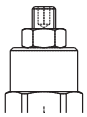
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

Modello ***Type***	**V1, V2** **C1, C2**	**Portata max** ***Max. flow***
OVC-SE-L-200-34	3/4"GAS	150 l/min *40 gpm*
OVC-SE-L-200-10	1"GAS	200 l/min *53 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

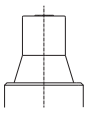
Regolazioni - *Adjustments*

-



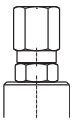
Vite esterna esagono incassato
Leakproof hex socket screw

C

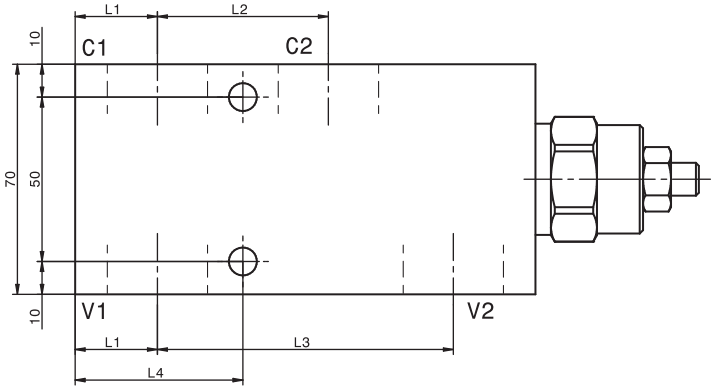


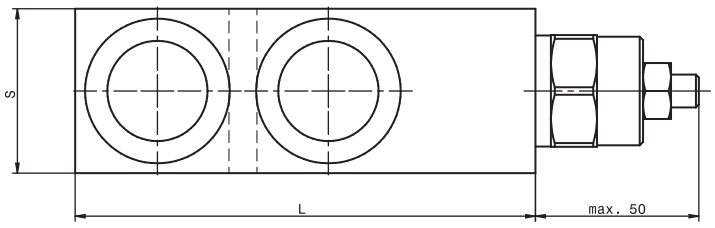
Piombatura
Sealing cap

D



Cappellotto
Cap





Modello ***Type***	**L**	**S**	**L1**	**L2**	**L3**	**L4**
OVC-SE-L-200-34	125	40	20	45	80	42.5
OVC-SE-L-200-10	140	50	25	52	90	51

Sigla di ordinazione / Ordering code

OVC-SE-L-200-34	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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Aggiornamento / *Update 09-09-2014*

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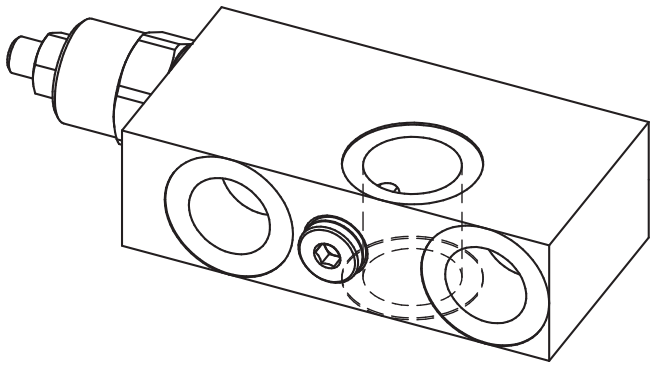
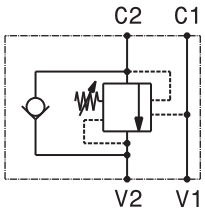
Valvola OVERCENTER semplice effetto in linea flangiabile con vite cava
In line, single effect COUNTERBALANCE valve – nipple screw flangeable

mod. OVC-SE-CL





Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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

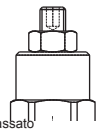
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

Modello ***Type***	**C1, V1, V2**	**C Ø**	**L**	**Portata max** ***Max. flow***
OVC-SE-CL-38	3/8"GAS	17	15	40 l/min *10.5 gpm*
OVC-SE-CL-12	1/2"GAS	21	17	60 l/min *16 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

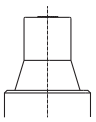
Regolazioni - *Adjustments*

-



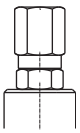
Vite esterna esagono incassato
Leakproof hex socket screw

C

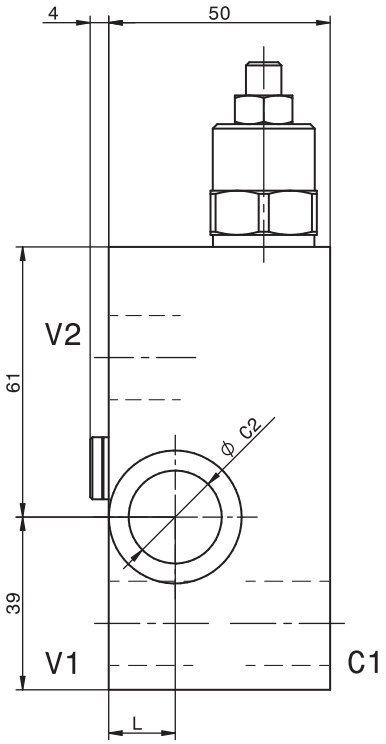


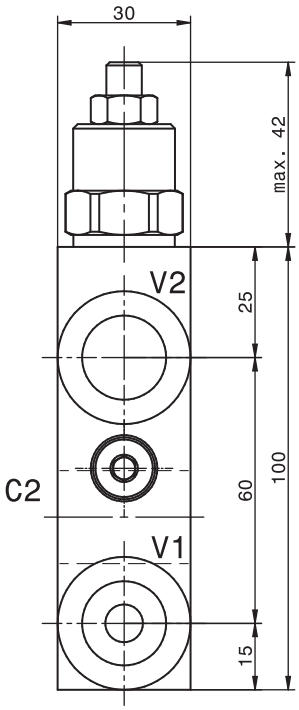
Piombatura
Sealing cap

D



Cappellotto
Cap





Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Modello *Type*	Codice di ordinazione *Ordering Type*
	OVC-SE-CL-38	**KITV0002**
	OVC-SE-CL-12	**KITV0003**

Sigla di ordinazione / Ordering code

OVC-SE-CL-38	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

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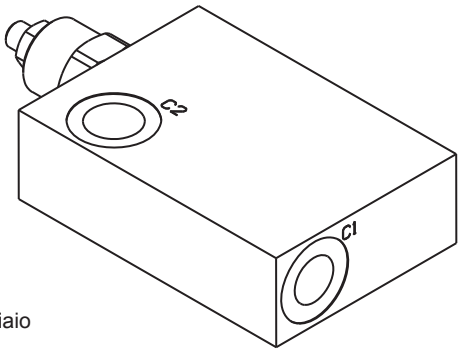
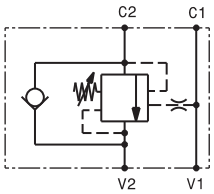
Valvola OVERCENTER semplice effetto in linea flangiabile con vite cava
In line, single effect COUNTERBALANCE valve – nipple screw flangeable

mod. OVC-SE-L-VC-38





Corpo in acciaio
Steel body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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

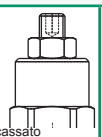
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

Modello ***Type***	**C1,V1,V2**	**C2 Ø**	**Portata max** ***Max. flow***
OVC-SE-L-VC-38	3/8"GAS	17	40 l/min *10.5 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

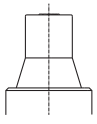
Regolazioni - *Adjustments*

-



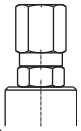
Vite esterna esagono incassato
Leakproof hex socket screw

C

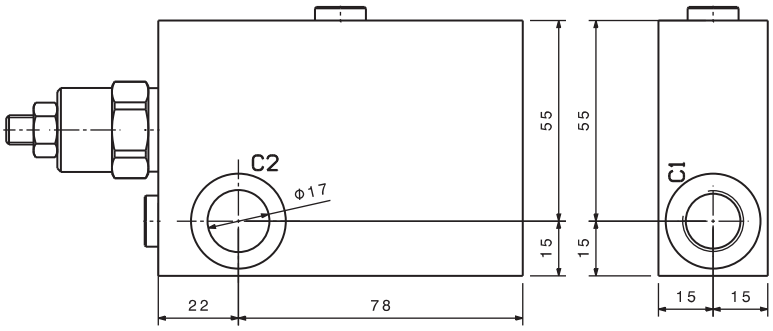


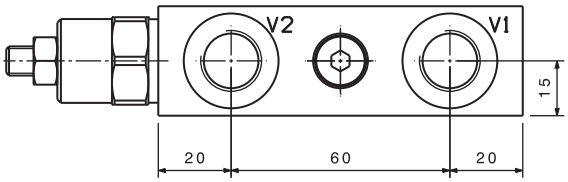
Piombatura
Sealing cap

D



Cappellotto
Cap





Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Modello *Type*	Codice di ordinazione *Ordering Type*
	OVC-SE-L-VC-38	**KITV0002**

Sigla di ordinazione / Ordering code

OVC-SE-L-VC-38	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**	**A** Acciaio / *Steel*

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 26-01-2019*

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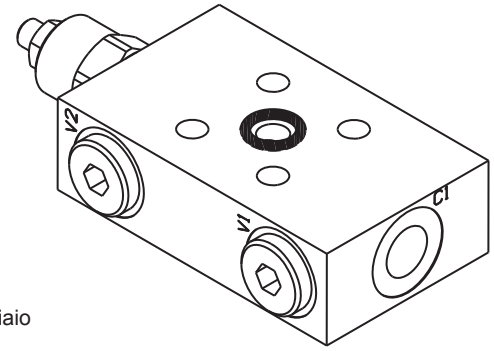
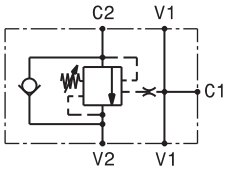
Valvola OVERCENTER in linea semplice effetto con pilotaggio esterno flangiabile
Flange mounted, single effect COUNTERBALANCE in line valve with external pilot

mod. OVC-SE-L-F30-38





Corpo in acciaio
Steel body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

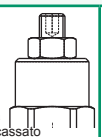
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

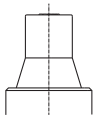
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

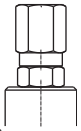
Modello ***Type***	**V1,V2,C2**	**Portata max** ***Max. flow***
OVC-SE-L-F30-38	3/8"GAS	40 l/min *10.5 gpm*

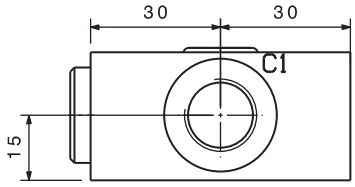
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

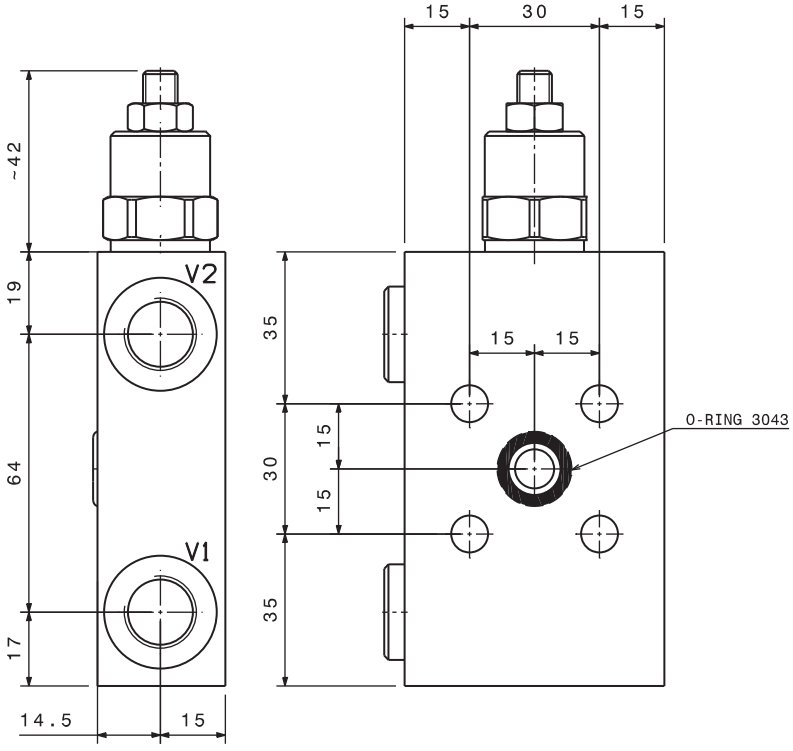
Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap





Sigla di ordinazione / Ordering code

OVC-SE-L-F30-38	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**A** Acciaio / *Steel*

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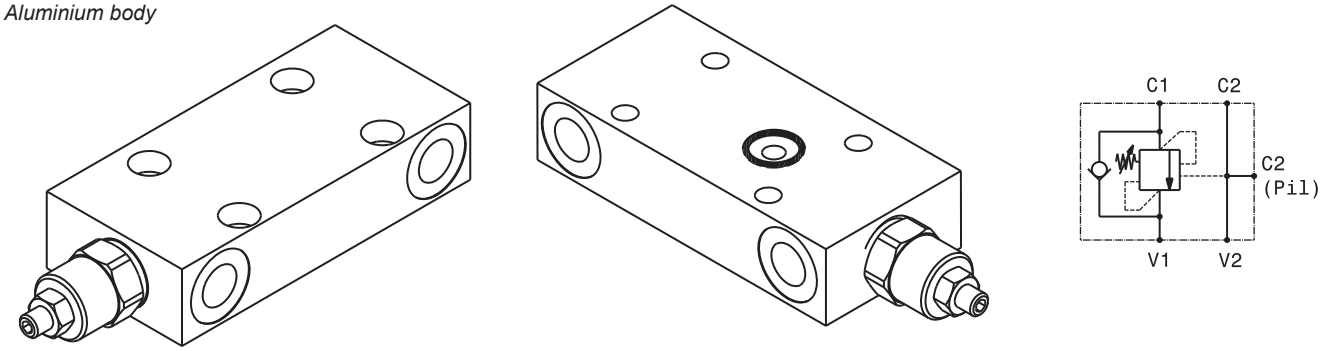
Valvola OVERCENTER in linea semplice effetto con pilotaggio esterno flangiabile
Flange mounted, single effect COUNTERBALANCE in line valve with external pilot

mod. OVC-SE-L-F40-38

Corpo in alluminio
Aluminium body



Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

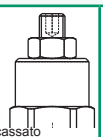
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

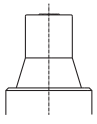
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

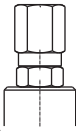
Modello ***Type***	**V1,V2,C2**	**C2(Pil)**	**Portata max** ***Max. flow***
OVC-SE-L-F40-38	3/8"GAS	3/8"GAS	40 l/min *10.5 gpm*

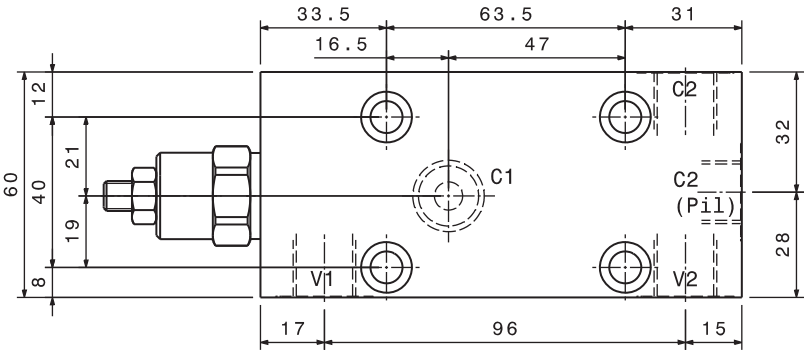
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

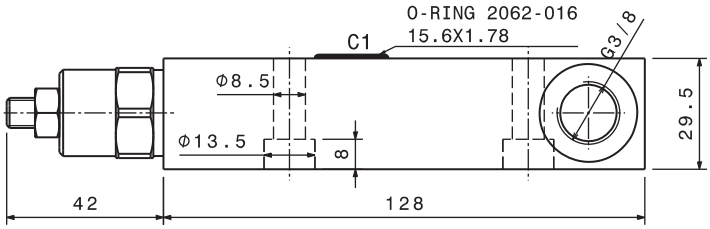
Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap





Sigla di ordinazione / Ordering code

OVC-SE-L-F40-38	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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Aggiornamento / *Update 26-06-2015*

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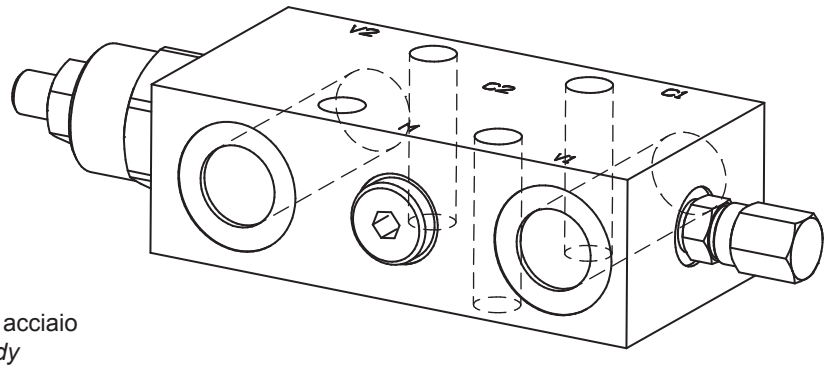
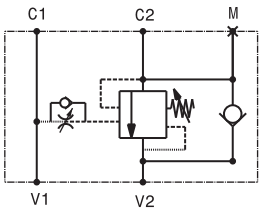
Valvola OVERCENTER in linea semplice effetto flangiabile - acciaio
In line, flange mounted, single effect COUNTERBALANCE valve - steel

mod. OVC-SE-L-F40-PST





Corpo in acciaio
Steel body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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

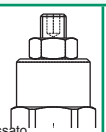
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filtration*	25 µ

Modello ***Type***	**V1, V2**	**M**	**Portata max** ***Max. flow***
OVC-SE-L-F40-PST-12	1/2"GAS	1/4"GAS	80 l/min *21 gpm*
OVC-SE-L-F40-PST-34	3/4"GAS	1/4"GAS	120 l/min *32 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

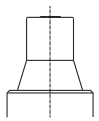
Regolazioni - *Adjustments*

-



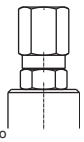
Vite esterna esagono incassato
Leakproof hex socket screw

C

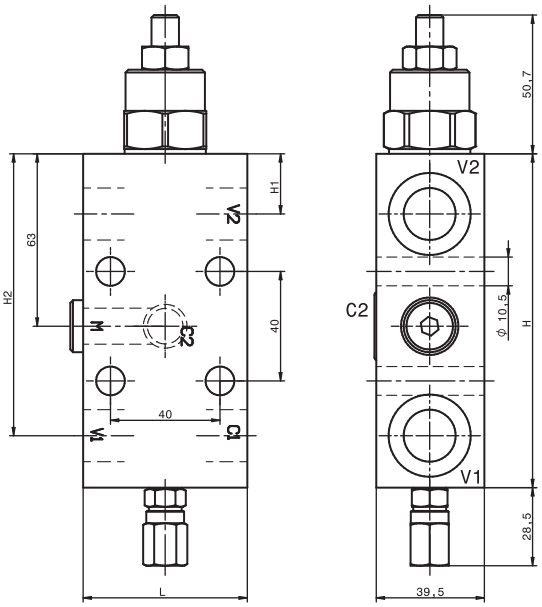


Piombatura
Sealing cap

D



Cappellotto
Cap



Modello ***Type***	**L**	**H**	**H1**	**H2**
OVC-SE-L-F40-PST-12	60	122	22	103
OVC-SE-L-F40-PST-34	80	128	21	100

Sigla di ordinazione / Ordering code

OVC-SE-L-F40-PST-34	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**	**A** Acciaio / *Steel*

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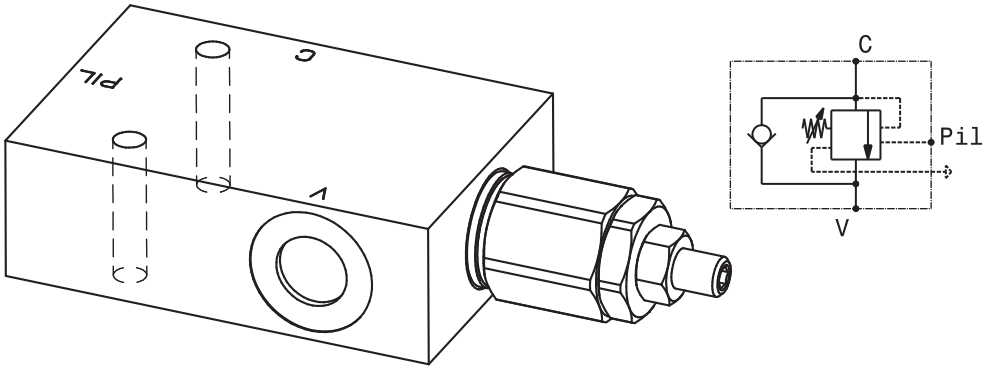
Valvola OVERCENTER semplice effetto compensata in pressione con pilotaggio esterno
Single effect COUNTERBALANCE pressure compensated valve with external pilot

mod. OVC-SE-CC



Corpo in alluminio
Aluminium body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

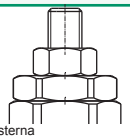
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

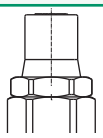
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

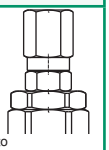
Modello ***Type***	**V, C**	**Pil**	**Portata max** ***Max. flow***
OVC-SE-CC-38	3/8"GAS	1/4"GAS	40 l/min *10.5 gpm*
OVC-SE-CC-12	1/2"GAS	1/4"GAS	60 l/min *16 gpm*
OVC-SE-CC-34	3/4"GAS	1/4"GAS	100 l/min *26 gpm*
OVC-SE-CC-10	1"GAS	1/4"GAS	120 l/min *32 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

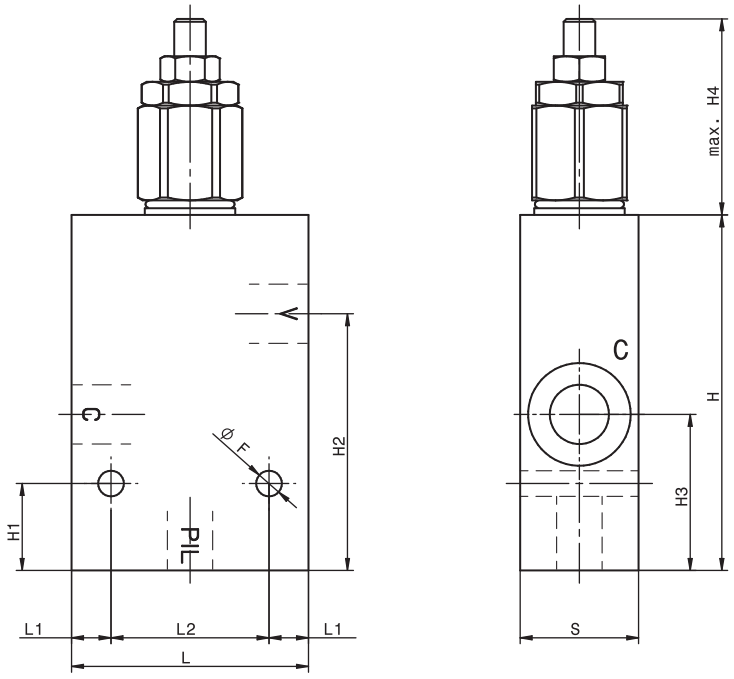
-

Vite esterna
esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap

Sigla di ordinazione / Ordering code

OVC-SE-CC-38	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**



Modello ***Type***	**L**	**H**	**S**	**L1**	**L2**	**H1**	**H2**	**H3**	**H4**	**F**
OVC-SE-CC-38	60	90	30	10	40	22	65	39.5	50	6.5
OVC-SE-CC-12	60	90	30	10	40	22	65	39.5	50	6.5
OVC-SE-CC-34	70	110	40	10	50	27.5	85	50	58	8.5
OVC-SE-CC-10	70	110	50	10	50	20	81	50	58	8.5

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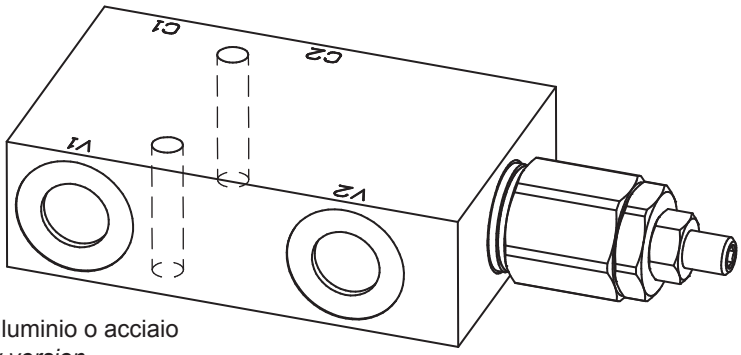
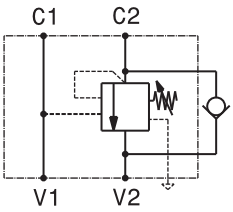
Valvola OVERCENTER compensata in pressione semplice effetto in linea
In line, single effect pressure compensated COUNTERBALANCE valve

mod. OVC-SE-L-CC





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

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

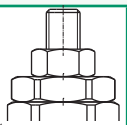
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

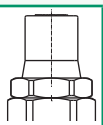
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

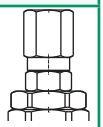
Modello ***Type***	**V1, V2** **C1, C2**	**Portata max** ***Max. flow***
OVC-SE-L-CC-38	3/8”GAS	40 l/min *10.5 gpm*
OVC-SE-L-CC-12	1/2”GAS	60 l/min *16 gpm*
OVC-SE-L-CC-34	3/4”GAS	100 l/min *26 gpm*
OVC-SE-L-CC-10	1”GAS	120 l/min *32 gpm*

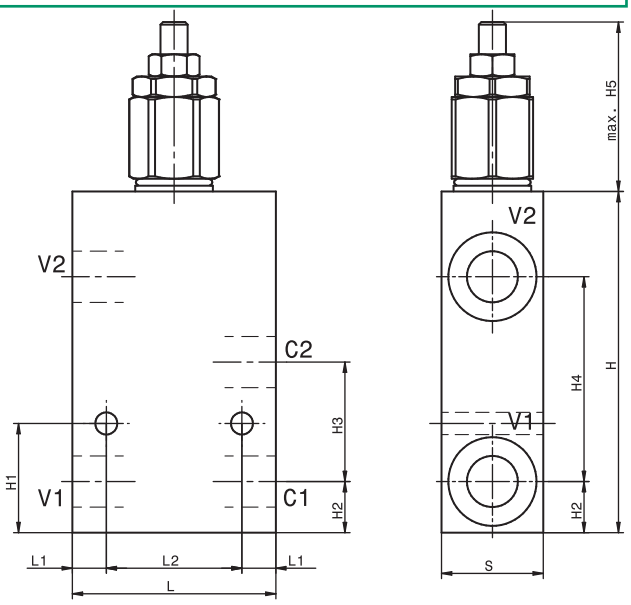
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

Vite esterna
esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Modello ***Type***	**L**	**H**	**S**	**L1**	**L2**	**H1**	**H2**	**H3**	**H4**	**H5**	**F**
OVC-SE-L-CC-38	60	100	30	10	40	32	15	35	60	50	6.5
OVC-SE-L-CC-12	60	100	30	10	40	32	15	35	60	50	6.5
OVC-SE-L-CC-34	70	125	40	10	50	42.5	20	45	80	58	8.5
OVC-SE-L-CC-10	70	140	50	10	50	51	25	52	90	58	8.5

Sigla di ordinazione / Ordering code

OVC-SE-L-CC-38	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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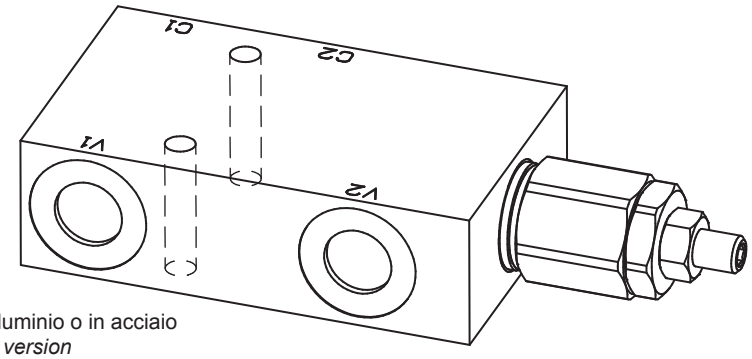
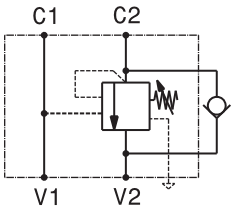
Valvola OVERCENTER compensata in pressione semplice effetto in linea
In line, single effect pressure compensated COUNTERBALANCE valve

mod. OVC-SE-L-CC (1/4”-1/8”BSP)



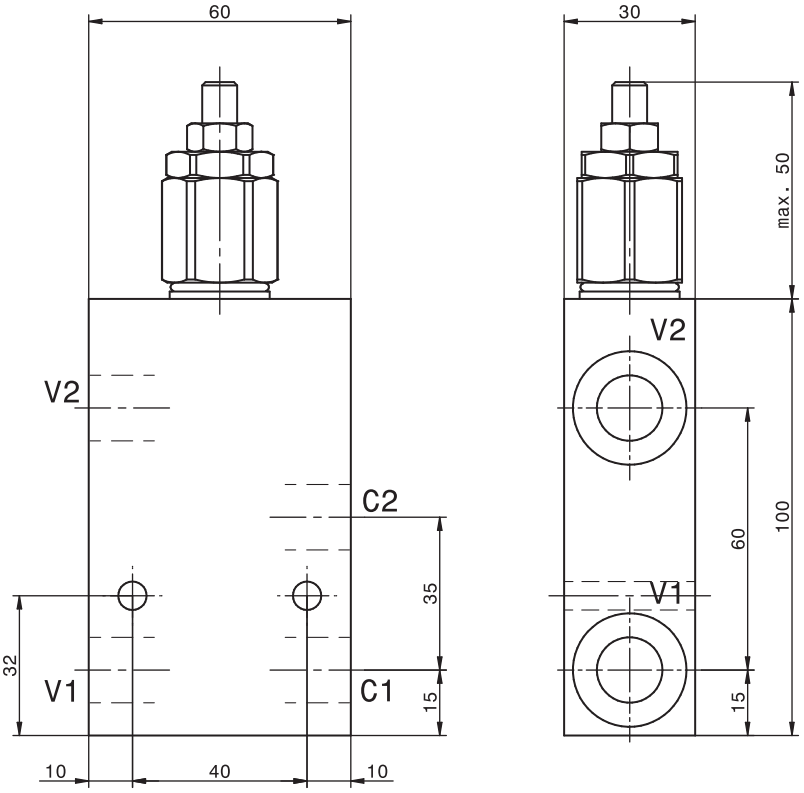


Versione con corpo in alluminio o in acciaio
Aluminium or steel body version

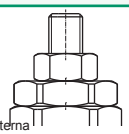
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

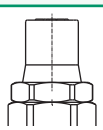
Modello ***Type***	**V1, V2** **C1, C2**	**Portata max** ***Max. flow***
OVC-SE-L-CC-18	1/8”GAS	15 l/min *4 gpm*
OVC-SE-L-CC-14	1/4”GAS	25 l/min *6,5 gpm*

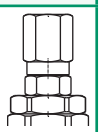
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***



Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
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 filitration*	25 µ

Sigla di ordinazione / Ordering code

OVC-SE-L-CC-14	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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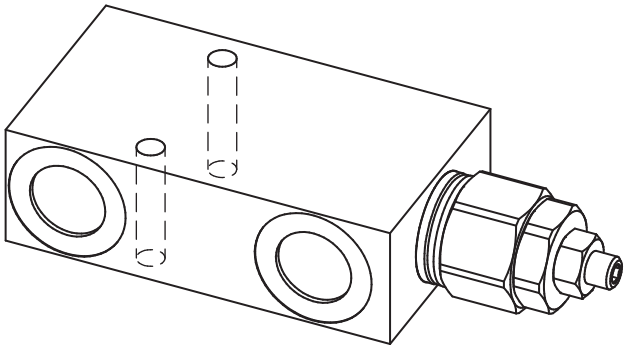
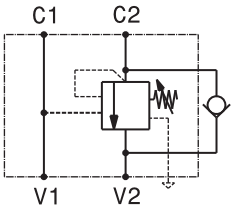
Valvola OVERCENTER compensata in pressione semplice effetto in linea
In line, single effect pressure compensated COUNTERBALANCE valve

mod. OVC-SE-L-200-CC



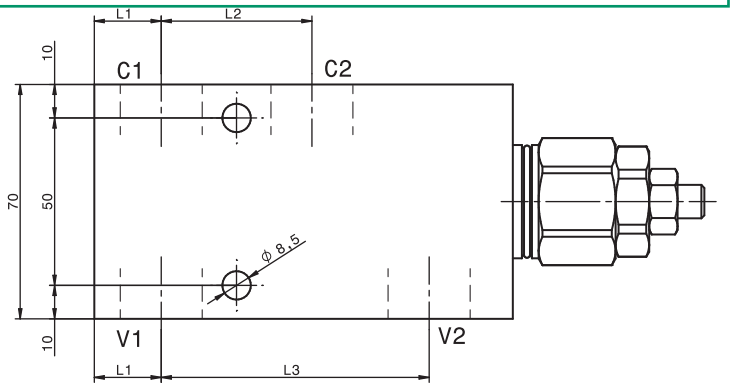


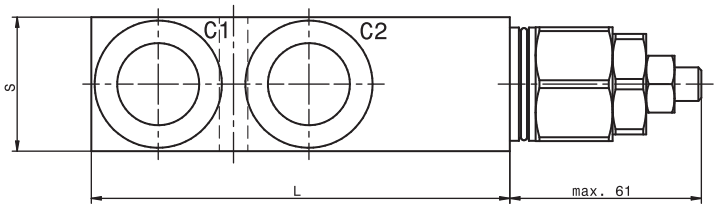
Corpo in alluminio
Aluminium body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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 filitration*	25 µ





Modello ***Type***	**V1, V2** **C1, C2**	**Portata max** ***Max. flow***
OVC-SE-L-200-CC-34	3/4"GAS	150 l/min *40 gpm*
OVC-SE-L-200-CC-10	1"GAS	200 l/min *53 gpm*

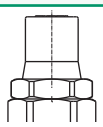
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

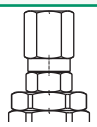
Vite esterna
esagono incassato
Leakproof hex socket screw

C



Piombatura
Sealing cap

D



Cappellotto
Cap

Sigla di ordinazione / Ordering code

OVC-SE-L-200-CC-34	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

Modello ***Type***	**L**	**S**	**L1**	**L2**	**L3**	**L4**
OVC-SE-L-200-CC-34	125	40	20	45	80	42.5
OVC-SE-L-200-CC-10	140	50	25	52	90	51

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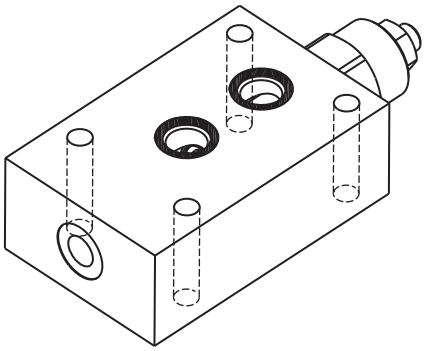
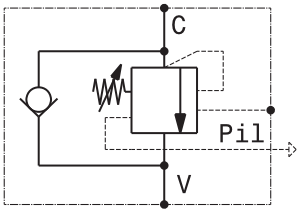
Valvola OVERCENTER semplice effetto compensata in pressione con pilotaggio esterno flangiabile
Flange mounted single effect pressure compensated COUNTERBALANCE valve with external pilot

mod. OVC-SE-CC-F2-34





Corpo in alluminio
Aluminium body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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

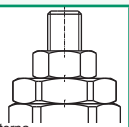
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

Modello ***Type***	**V, C**	**Pil**	**Portata max** ***Max. flow***
OVC-SE-CC-F2-34	Ø 14	1/4"GAS	100 l/min *26 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

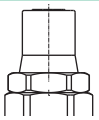
Regolazioni - *Adjustments*

-



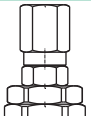
Vite esterna esagono incassato
Leakproof hex socket screw

C

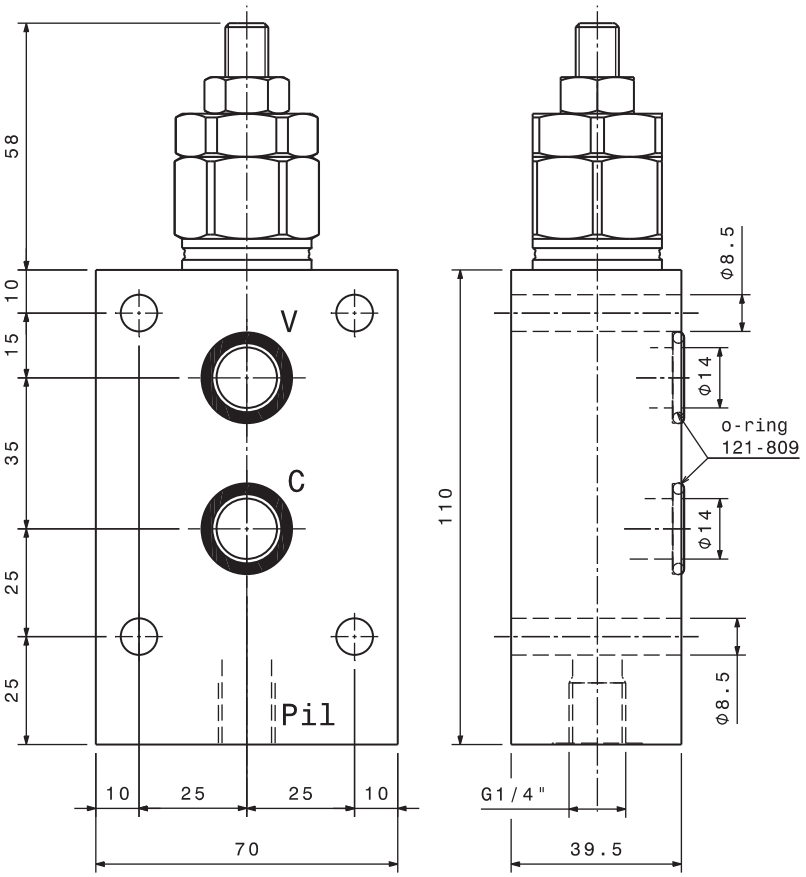


Piombatura
Sealing cap

D



Cappellotto
Cap



Sigla di ordinazione / Ordering code

OVC-SE-CC-F2-34	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

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Aggiornamento / *Update 26-06-2015*

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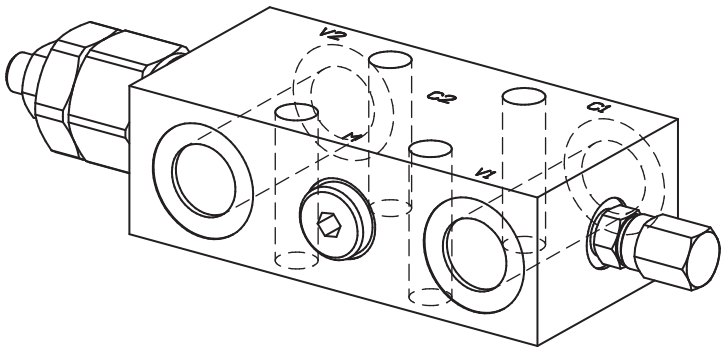
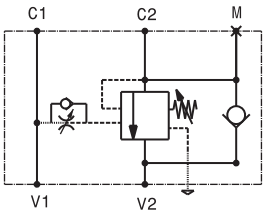
Valvola OVERCENTER in linea semplice effetto flangiabile, compensata in pressione - acciaio
In line, flange mounted, single effect COUNTERBALANCE valve, pressure compensated - steel

mod. OVC-SE-L-F40-PST-CC





Corpo in acciaio
Steel body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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 filitration*	25 µ

Modello ***Type***	**V1, V2**	**M**	**Portata max** ***Max. flow***
OVC-SE-L-F40-PST-CC-12	1/2"GAS	1/4"GAS	80 l/min *21 gpm*
OVC-SE-L-F40-PST-CC-34	3/4"GAS	1/4"GAS	120 l/min *32 gpm*

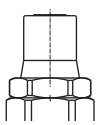
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

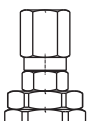
Vite esterna
esagono incassato
Leakproof hex socket screw

C

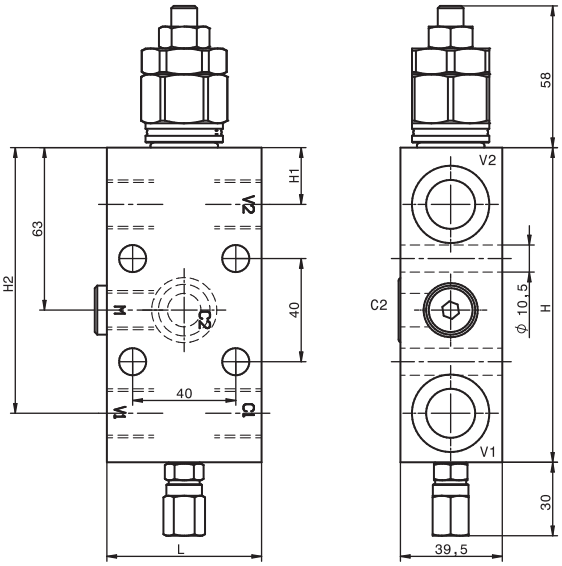


Piombatura
Sealing cap

D



Cappellotto
Cap



Modello ***Type***	**L**	**H**	**H1**	**H2**
OVC-SE-L-F40-PST-12-CC	60	122	22	103
OVC-SE-L-F40-PST-34-CC	80	128	21	100

Sigla di ordinazione / Ordering code

OVC-SE-L-F40-PST-CC-34	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**A** Acciaio / *Steel*

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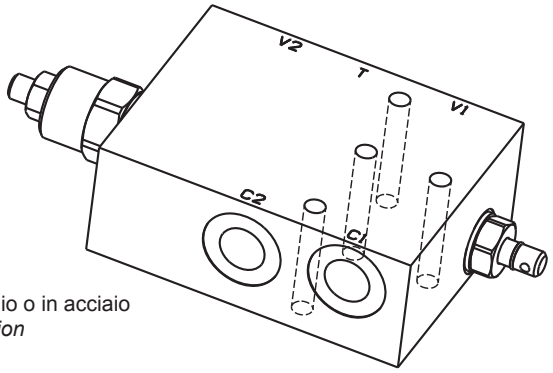
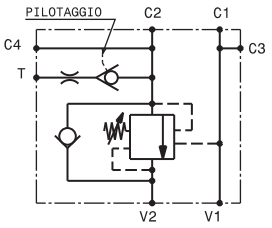
Valvola OVERCENTER semplice effetto in linea, con pilotaggio meccanico
In line, single effect COUNTERBALANCE valve, with external pilot piston

mod. OVC-SE-L-38-F-PM



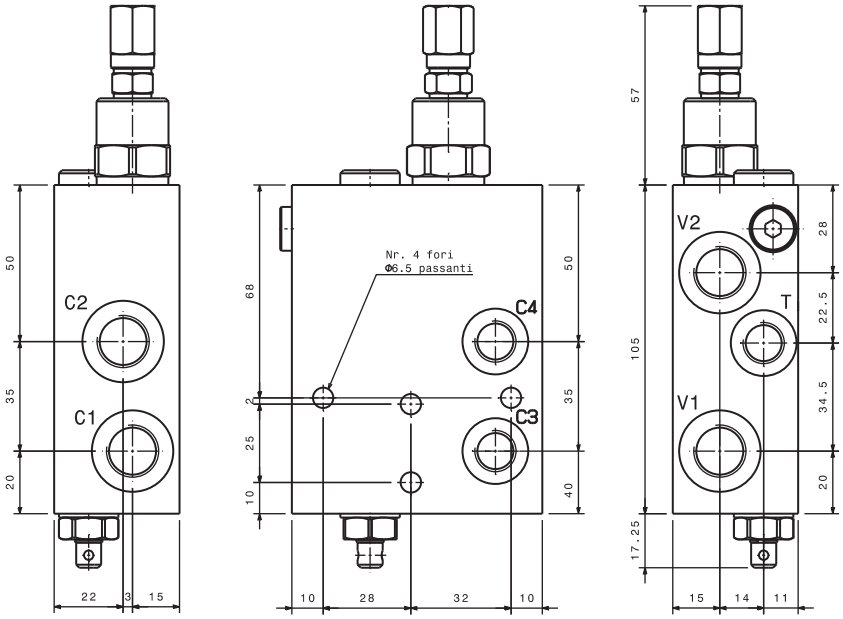


Versione con corpo in alluminio o in acciaio
Aluminium or steel body version

Modello *Type*	V1, V2 C1, C2	T	Portata max *Max. flow*
OVC-SE-L-38-F-PM	3/8"GAS	1/4"GAS	40 l/min *10.5 gpm*

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar *1450 psi***	**20÷200 bar *290÷2900 psi***	**Bianco *White***
02	**280 bar *4000 psi***	**50÷350 bar *725÷5000 psi***	**Nero *Black***



Regolazioni - *Adjustments*

- Vite esterna esagono incassato *Leakproof hex socket screw*

C Piombatura *Sealing cap*

D Cappellotto *Cap*

Sigla di ordinazione / Ordering code

OVC-SE-L-38-F-PM	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**	**-** Alluminio/*Aluminium* **A** Acciaio / *Steel*

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 filitration*	25 µ

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.*

Aggiornamento / *Update 09-09-2014*

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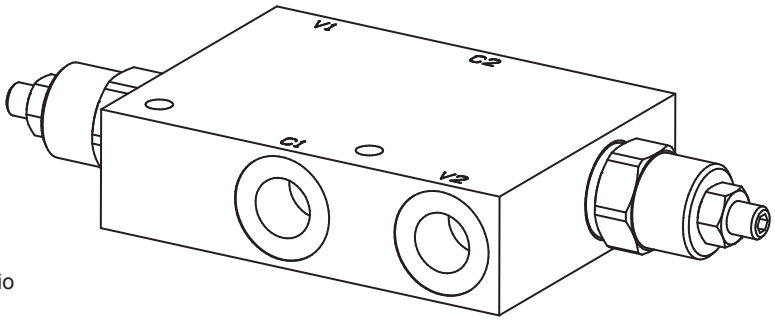
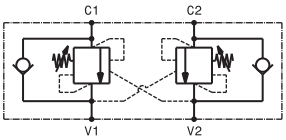
Valvola OVERCENTER doppio effetto
Double effect COUNTERBALANCE valve

mod. OVC-DE





Corpo in alluminio
Aluminium body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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 filitration*	25 µ

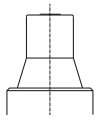
Modello ***Type***	**V1, C1** **V2, C2**	**Portata max** ***Max. flow***
OVC-DE-38	3/8"GAS	40 l/min *10.5 gpm*
OVC-DE-12	1/2"GAS	60 l/min *16 gpm*

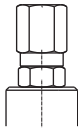
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

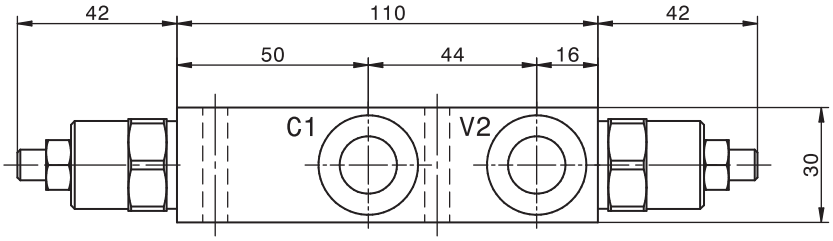
Regolazioni - *Adjustments*

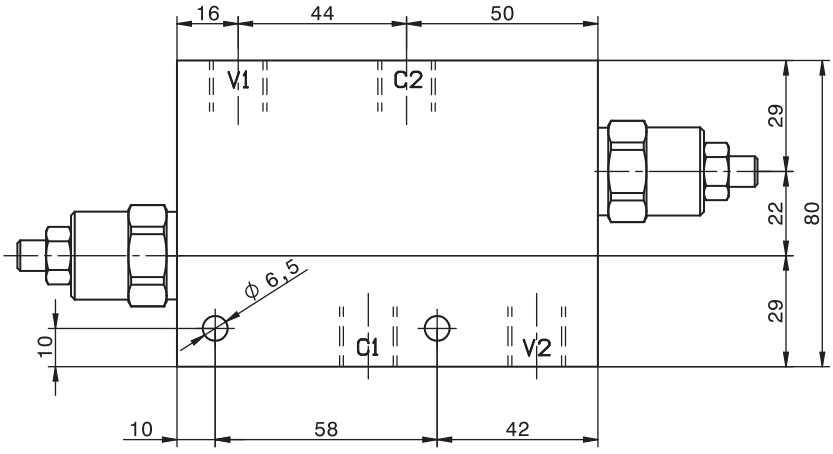
-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap





Sigla di ordinazione / Ordering code

OVC-DE-38	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

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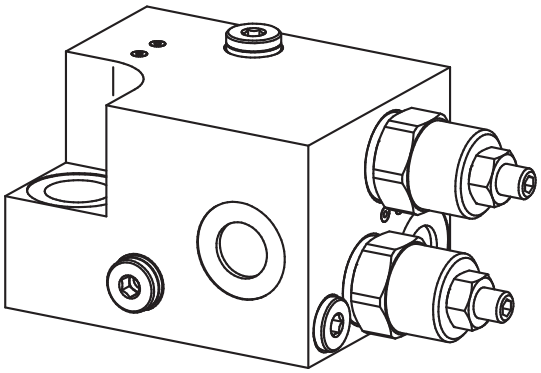
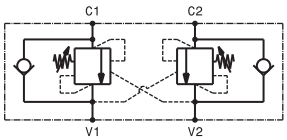
Valvola OVERCENTER doppio effetto flangiabile con vite cava
Double effect COUNTERBALANCE valve – nipple screw flangeable

mod. OVC-DE-C





Corpo in alluminio
Aluminium body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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 filitration*	25 µ

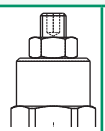
Modello ***Type***	**V1** **V2, C2**	**Portata max** ***Max. flow***
OVC-DE-C-38	3/8"GAS	40 l/min *10.5 gpm*

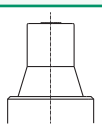
Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Type* **KITV0002**

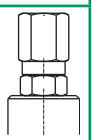
Taratura *Setting*: La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico
The valve must be set at least 1.3 times maximum load induced pressure

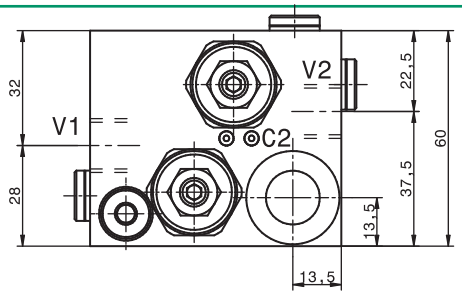
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

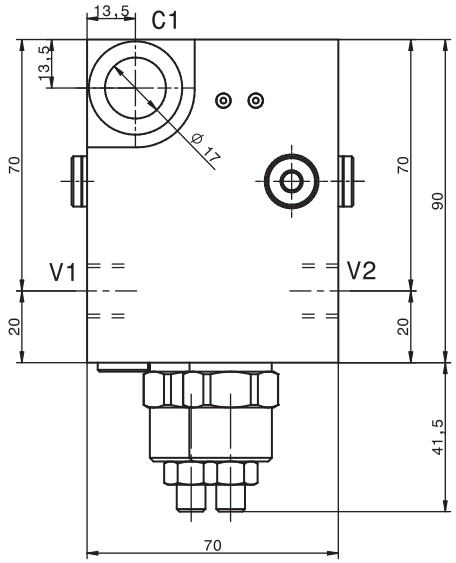
Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap





Sigla di ordinazione / Ordering code

OVC-DE-C-38 — 02 — -

Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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Aggiornamento / *Update 09-09-2014*

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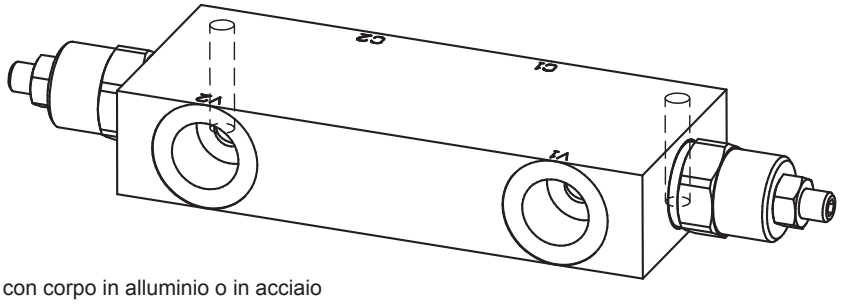
Valvola OVERCENTER doppio effetto in linea
In line, double effect COUNTERBALANCE valve

mod. OVC-DE-L



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

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

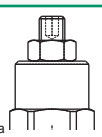
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

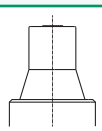
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

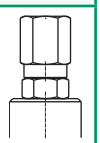
Modello ***Type***	**V1, V2** **C1, C2**	**Portata max** ***Max. flow***
OVC-DE-L-38	3/8”GAS	40 l/min *10.5 gpm*
OVC-DE-L-12	1/2”GAS	60 l/min *16 gpm*
OVC-DE-L-34	3/4”GAS	100 l/min *26 gpm*
OVC-DE-L-10	1”GAS	120 l/min *32 gpm*

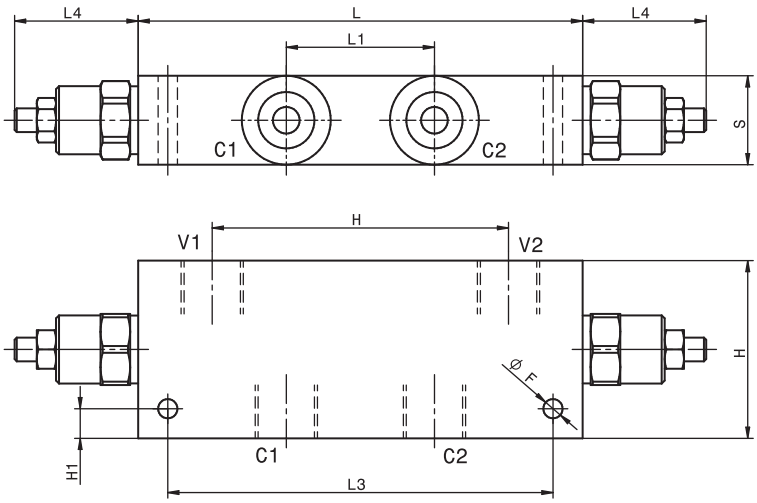
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Modello ***Type***	**L**	**H**	**S**	**L1**	**L2**	**L3**	**L4**	**H1**	**F**
OVC-DE-L-38	150	60	30	50	100	130	42	10	6.5
OVC-DE-L-12	150	60	30	50	100	130	42	10	6.5
OVC-DE-L-34	190	70	40	64	138	170	46	10	8.5
OVC-DE-L-10	190	70	50	64	132	170	46	10	8.5

Sigla di ordinazione / Ordering code

OVC-DE-L-38	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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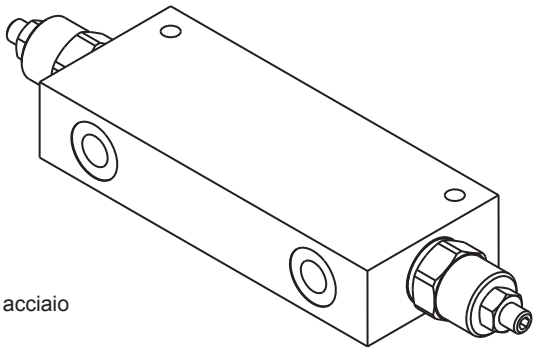
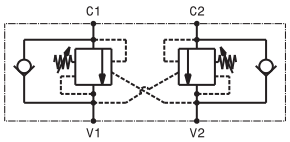
Valvola OVERCENTER doppio effetto in linea
In line, double effect COUNTERBALANCE valve

mod. OVC-DE-L (1/4" - 1/8")





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

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

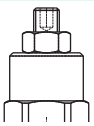
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

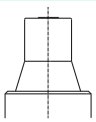
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

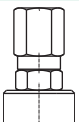
Modello ***Type***	**V1, V2** **C1, C2**	**Portata max** ***Max. flow***
OVC-DE-L-18	1/8"GAS	15 l/min *4 gpm*
OVC-DE-L-14	1/4"GAS	25 l/min *6.5 gpm*

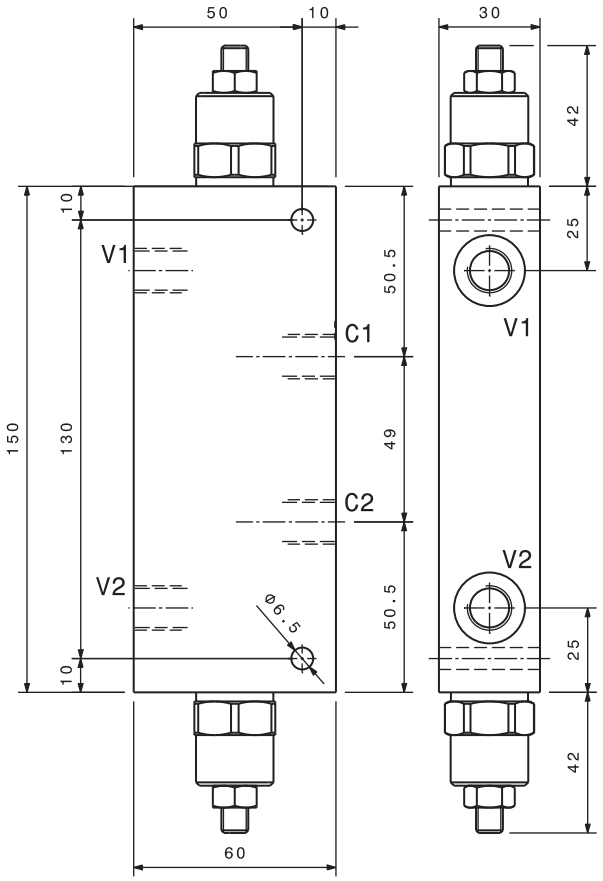
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Sigla di ordinazione / Ordering code

OVC-DE-L-14	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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Aggiornamento / *Update 09-09-2014*

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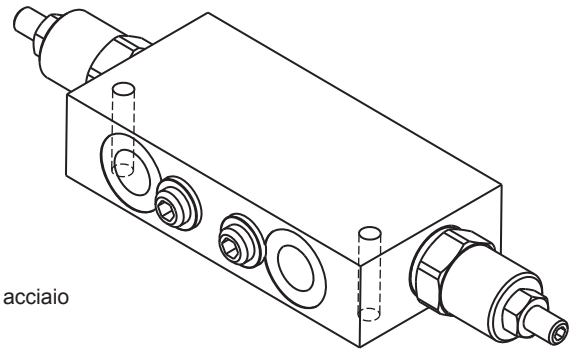
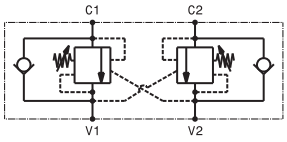
Valvola OVERCENTER doppio effetto in linea
In line, double effect COUNTERBALANCE valve

mod. OVC-DE-L-38-AC





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

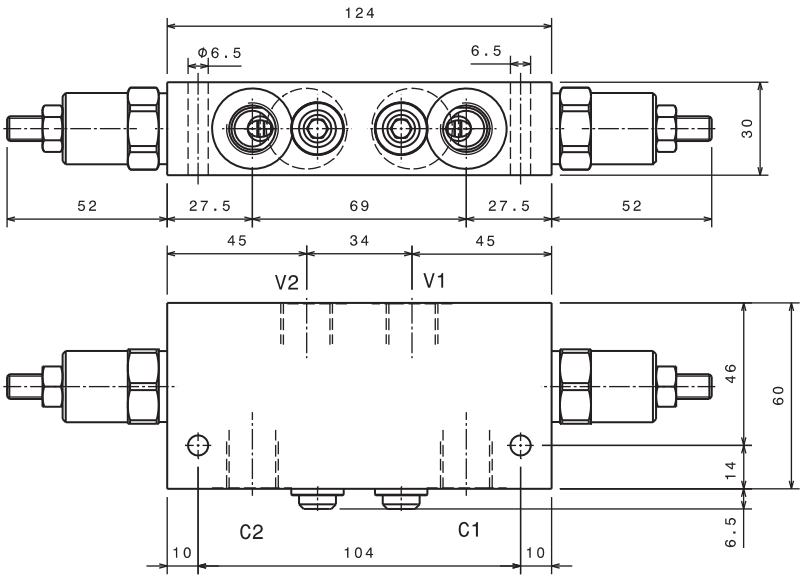
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	2.9:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	6.6:1

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 filitration*	25 µ

Modello ***Type***	**V1, V2** **C1, C2**	**Portata max** ***Max. flow***
OVC-DE-L-38-AC	3/8"GAS	40 l/min *10.5 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***



Regolazioni - *Adjustments*

- Vite esterna esagono incassato *Leakproof hex socket screw*

C Piombatura *Sealing cap*

D Cappellotto *Cap*

Sigla di ordinazione / Ordering code

OVC-DE-L-38-AC	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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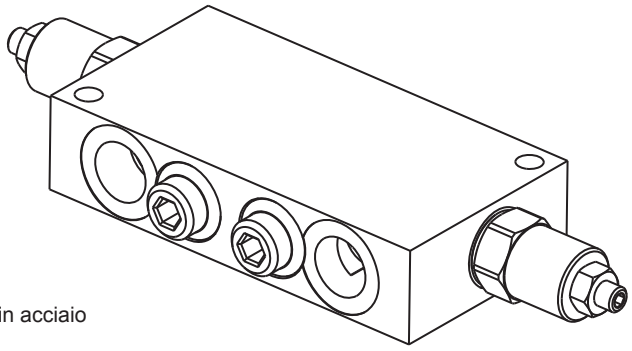
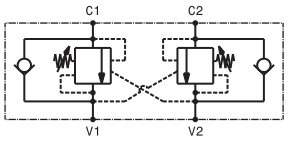
Valvola OVERCENTER doppio effetto in linea
In line, double effect COUNTERBALANCE valve

mod. OVC-DE-L-AC





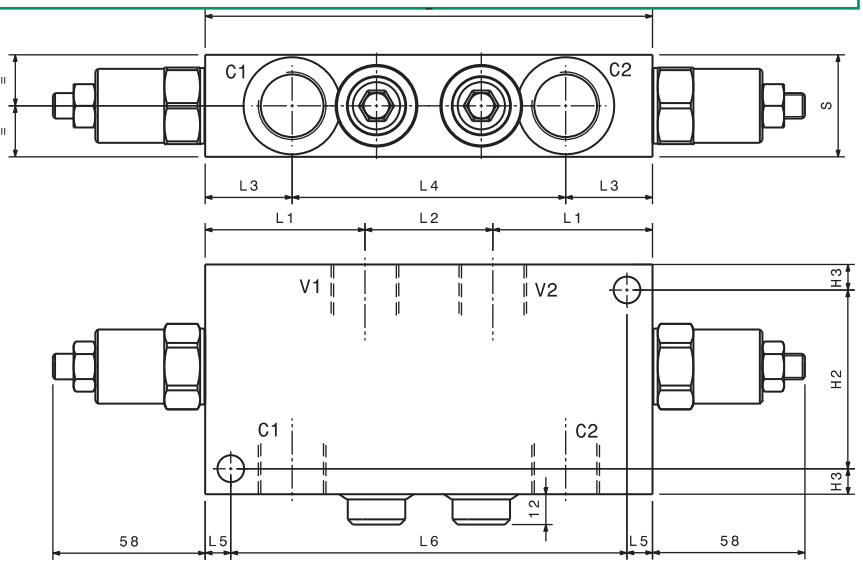
Versione con corpo in alluminio o in acciaio
Aluminium or steel body version

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	3.2:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	8.2:1

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 filitration*	25 µ

Modello ***Type***	**V1, V2** **C1, C2**	**Portata max** ***Max. flow***
OVC-DE-L-12-AC	1/2"GAS	110 l/min *16 gpm*
OVC-DE-L-34-AC	3/4"GAS	140 l/min *26 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

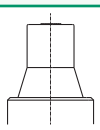


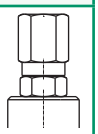
Modello ***Type***	**L**	**H**	**S**	**L1**	**L2**	**L3**	**L4**	**L5**	**L6**	**F**	**H1**	**H2**	**H3**	**I**
OVC-DE-L-12-AC	145	70	35	54.5	36	32.5	80	10	125	8.5	11	54	8	58
OVC-DE-L-34-AC	175	90	40	62.5	50	34	107	10	155	10.5	11	70	10	58

Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap

Sigla di ordinazione / Ordering code

OVC-DE-L-34-AC — 02 — - — -

Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 09-09-2014*

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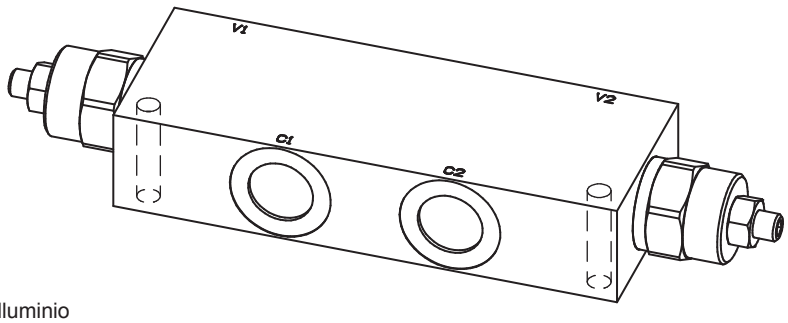
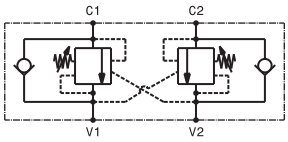
Valvola OVERCENTER doppio effetto in linea
In line, double effect COUNTERBALANCE valve

mod. OVC-DE-L-200





Corpo in alluminio
Aluminium body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

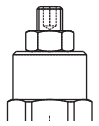
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

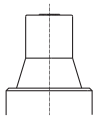
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

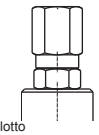
Modello ***Type***	**V1, C1** **V2, C2**	**S**	**L1**	**Portata max** ***Max. flow***
OVC-DE-L-200-34	3/4"GAS	40	26	150 l/min *40 gpm*
OVC-DE-L-200-10	1"GAS	50	29	200 l/min *53 gpm*

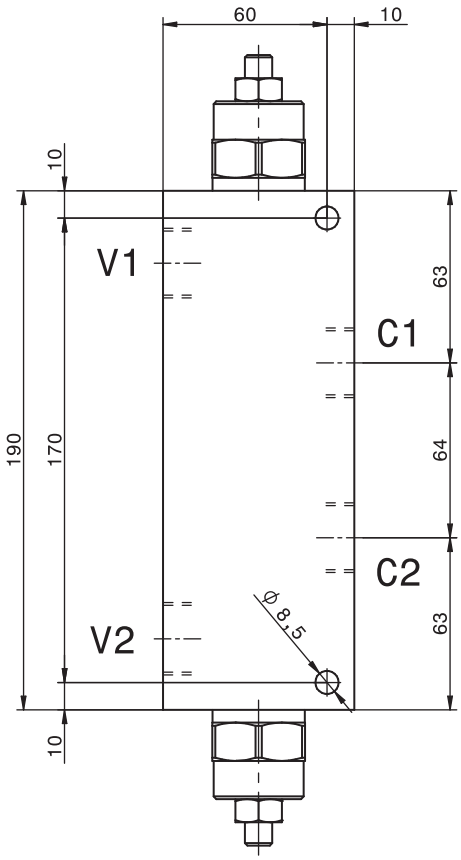
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

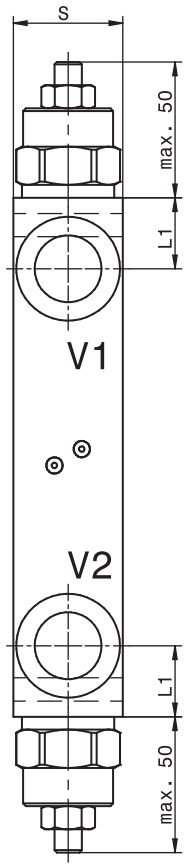
Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap





Sigla di ordinazione / Ordering code

OVC-DE-L-200 — 02 — -

Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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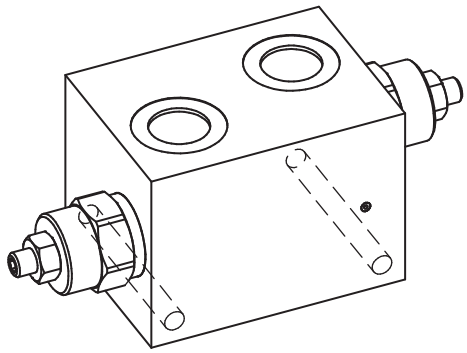
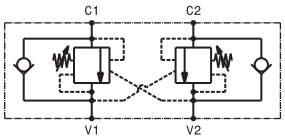
Valvola OVERCENTER doppio effetto in linea
In line, double effect COUNTERBALANCE valve

mod. OVC-DE-L-2001





Corpo in alluminio
Aluminium body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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

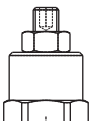
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

Modello ***Type***	**V1, C1** **V2, C2**	**Portata max** ***Max. flow***
OVC-DE-L-2001-34	3/4"GAS	150 l/min *40 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

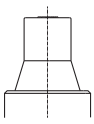
Regolazioni - *Adjustments*

-



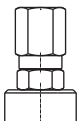
Vite esterna esagono incassato
Leakproof hex socket screw

C

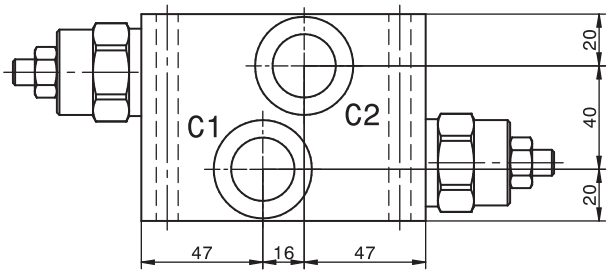


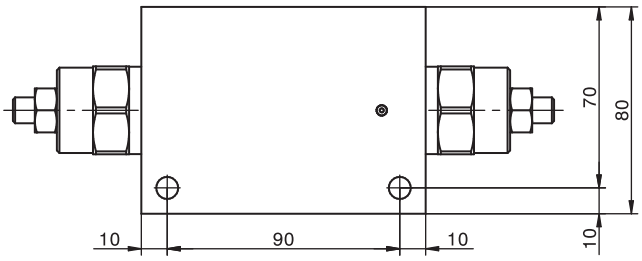
Piombatura
Sealing cap

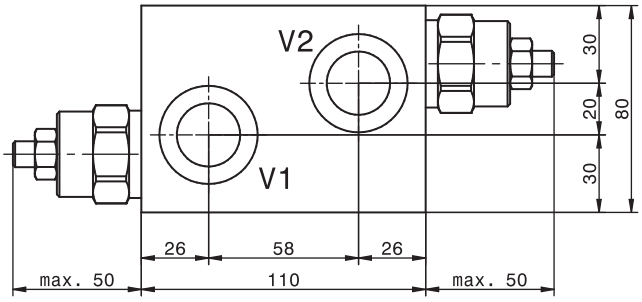
D



Cappellotto
Cap







Sigla di ordinazione / Ordering code

OVC-DE-L-2001-34	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 09-09-2014*

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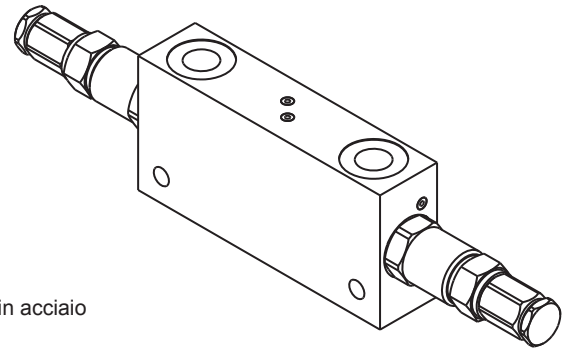
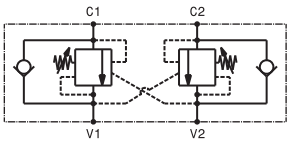
Valvola OVERCENTER doppio effetto in linea
In line, double effect COUNTERBALANCE valve

mod. OVC-DE-L-25-14





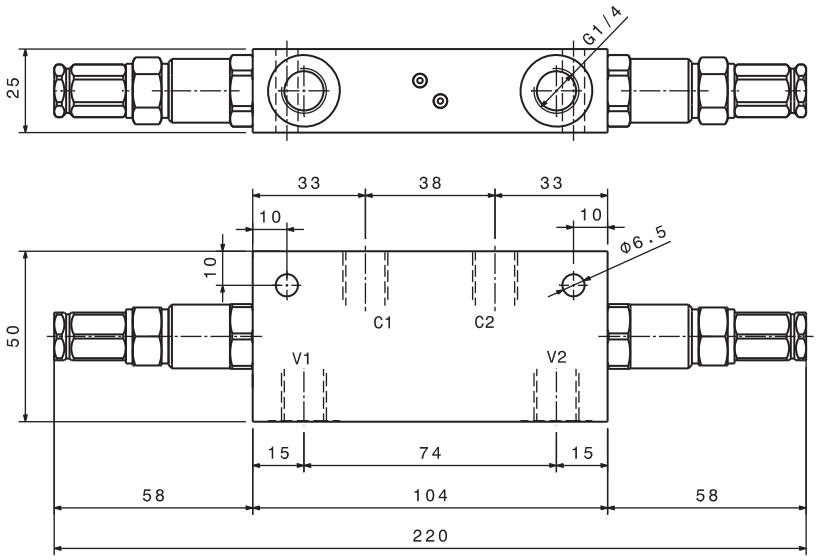
Versione con corpo in alluminio o in acciaio
Aluminium or steel body version

Portata massima *Max flow*	25 l/min *6.6 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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 filitration*	25 µ

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Modello ***Type***	**V1,V2,C1,C2**
OVC-DE-L-25-14	1/4"GAS



Sigla di ordinazione / Ordering code

OVC-DE-L-25-14 — 02

Modello *Type*	Codice taratura *Setting code* **01, 02**

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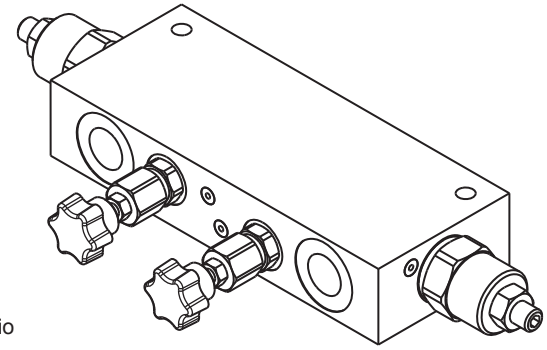
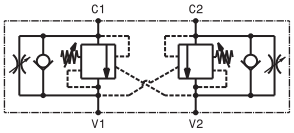
Valvola OVERCENTER doppio effetto in linea con strozzatore ST5C
In line, double effect COUNTERBALANCE valve with needle valve ST5C

mod. OVC-DE-L-RU-38





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

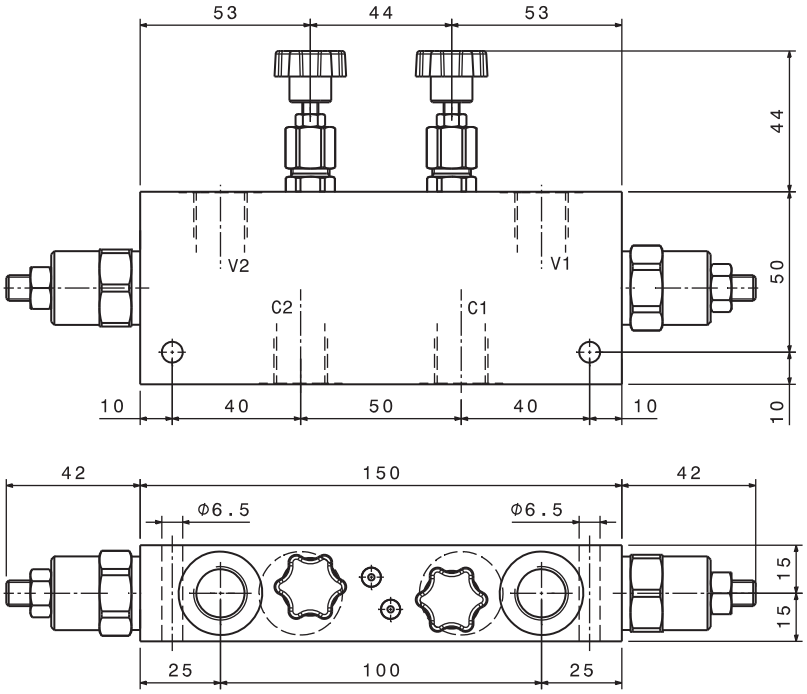
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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 filitration*	25 µ

Modello ***Type***	**V1, V2** **C1, C2**	**Portata max** ***Max. flow***
OVC-DE-L-RU-38	3/8"GAS	40 l/min *10.5 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***



Regolazioni - *Adjustments*

- Vite esterna esagono incassato *Leakproof hex socket screw*

C Piombatura *Sealing cap*

D Cappellotto *Cap*

Sigla di ordinazione / Ordering code

OVC-DE-L-RU-38	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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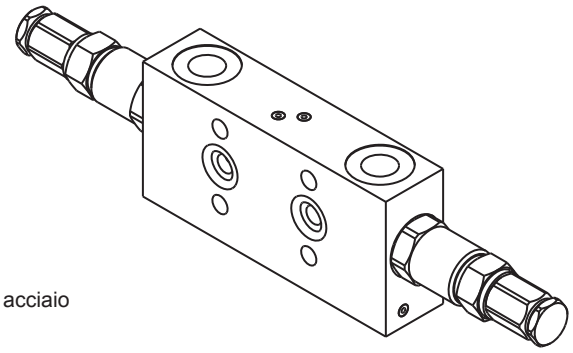
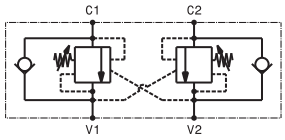
Valvola OVERCENTER doppio effetto flangiabile
Flange mounted, double effect COUNTERBALANCE valve

mod. OVC-DE-F-28-14





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

Portata massima *Max flow*	25 l/min *6.6 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

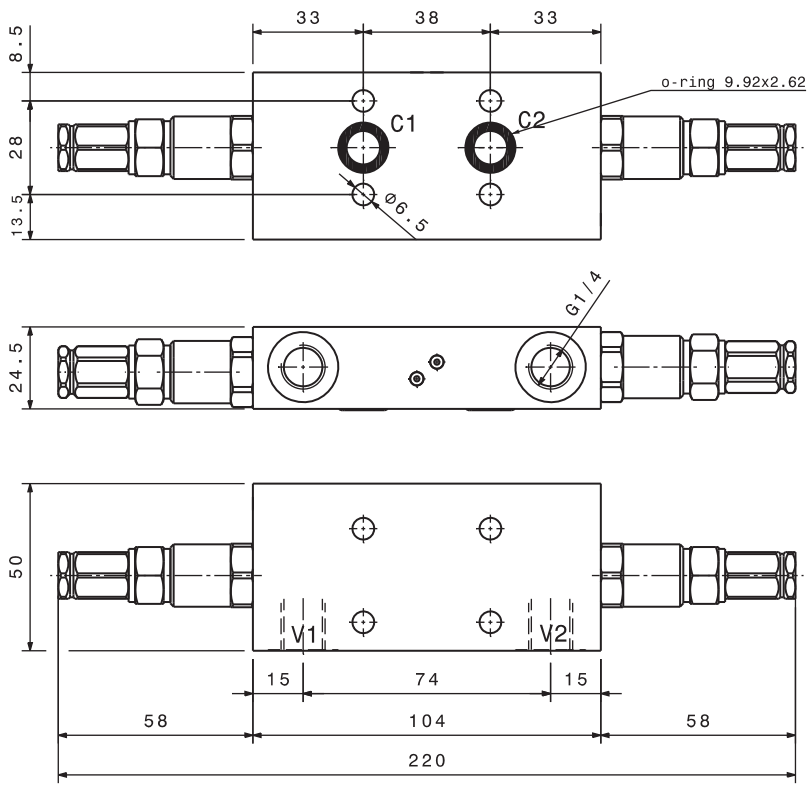
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Taratura *Setting*: La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico
The valve must be set at least 1.3 times maximum load induced pressure

Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Modello ***Type***	**V1,V2**
OVC-DE-F-28-14	1/4"GAS



Sigla di ordinazione / Ordering code

OVC-DE-F-28-14 — 02

Modello *Type*	Codice taratura *Setting code* **01, 02**

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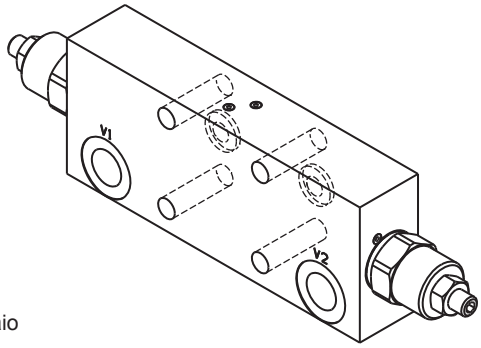
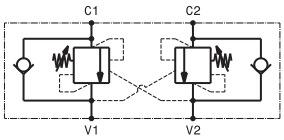
Valvola OVERCENTER doppio effetto flangiabile
Flangeable, double effect COUNTERBALANCE valve

mod. OVC-DE-F40-38





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

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

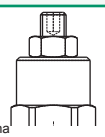
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

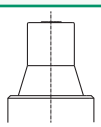
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

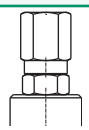
Modello ***Type***	**V1, V2**	**Portata max** ***Max. flow***
OVC-DE-F40-38	3/8"GAS	40 l/min *10.5 gpm*

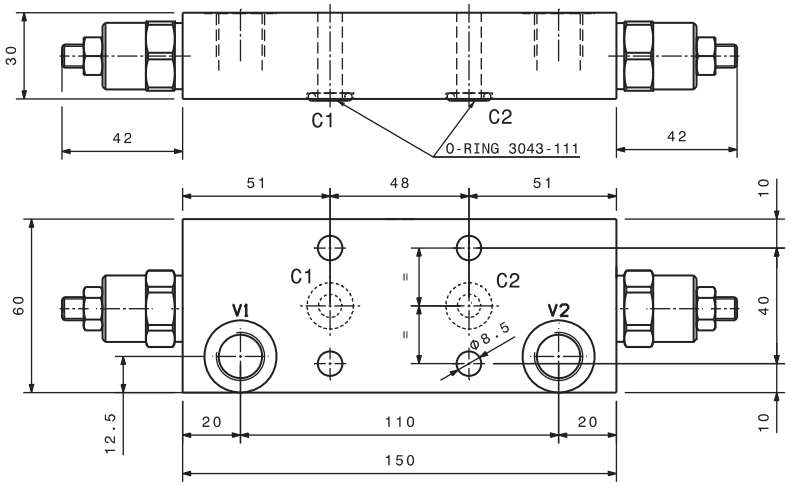
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Sigla di ordinazione / Ordering code

OVC-DE-F40-38	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 26-06-2015*

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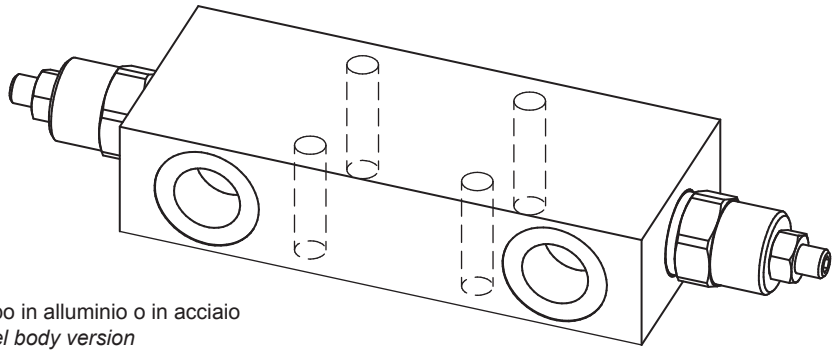
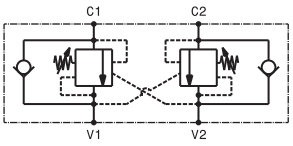
Valvola OVERCENTER doppio effetto in linea flangiabile
Flangeable, in line, double effect COUNTERBALANCE valve

mod. OVC-DE-L-F40





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

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

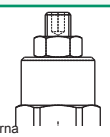
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

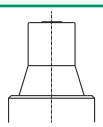
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

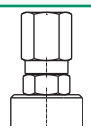
Modello ***Type***	**V1, V2**	**S**	**Portata max** ***Max. flow***
OVC-DE-L-F40-38	3/8"GAS	30	40 l/min *10.5 gpm*
OVC-DE-L-F40-12	1/2"GAS	35	60 l/min *16 gpm*

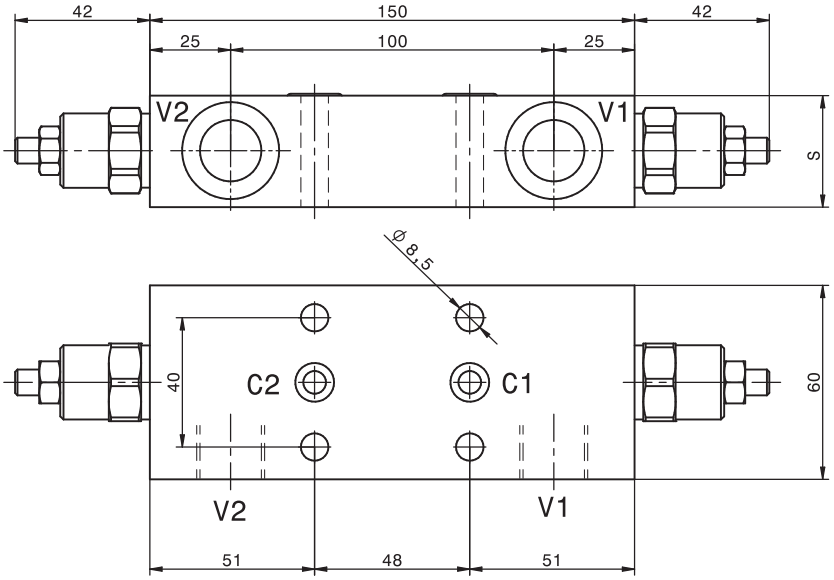
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Sigla di ordinazione / Ordering code

OVC-DE-L-F40-38 — 02 — - — -

Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**	**A** Acciaio / *Steel*

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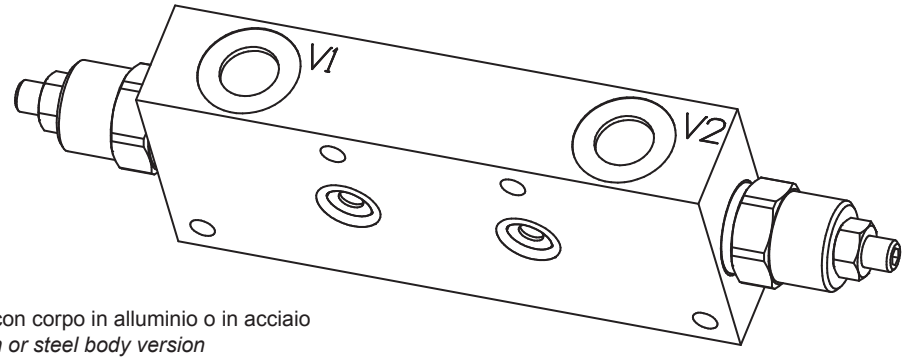
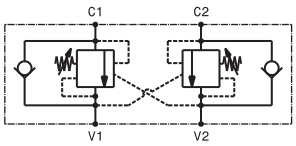
Valvola OVERCENTER doppio effetto in linea flangiabile
Flangeable, in line, double effect COUNTERBALANCE valve

mod. OVC-DE-L-F48





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

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

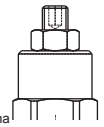
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

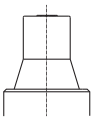
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

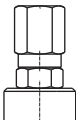
Modello ***Type***	**V1, V2**	**Portata max** ***Max. flow***
OVC-DE-L-F48-38	3/8"GAS	40 l/min *10.5 gpm*

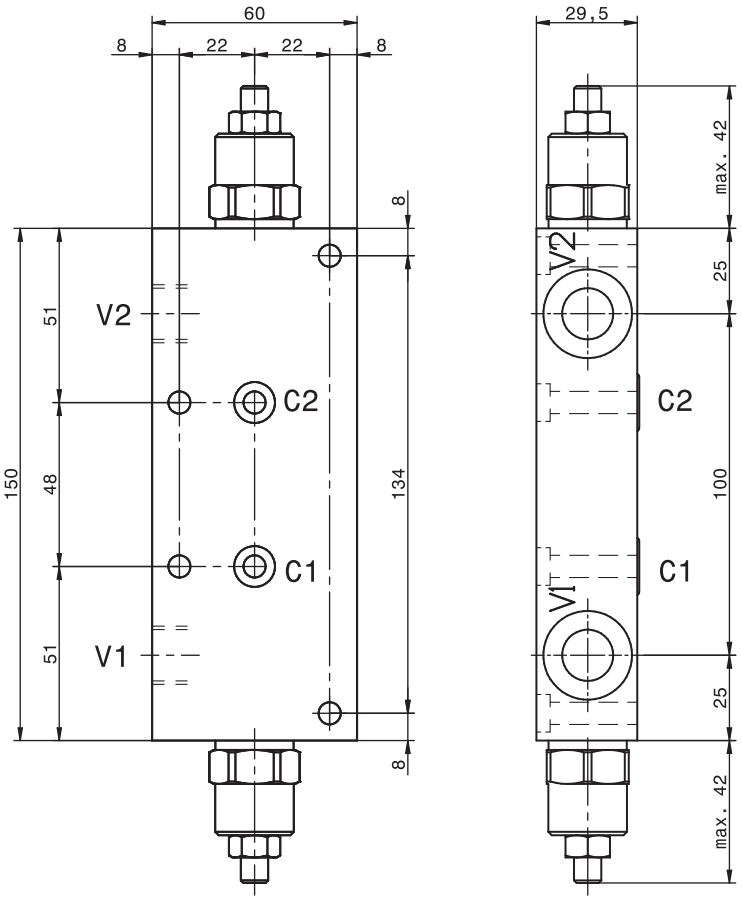
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Sigla di ordinazione / Ordering code

OVC-DE-L-F48-38	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**A** Acciaio / *Steel*

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Aggiornamento / *Update 09-09-2014*

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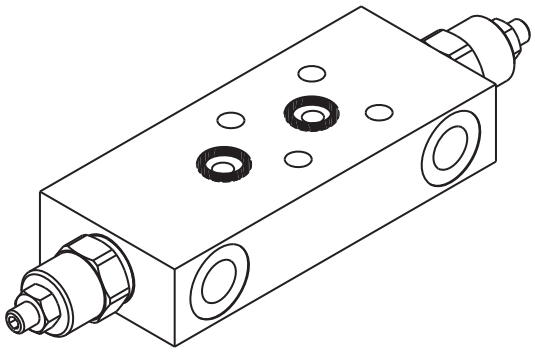
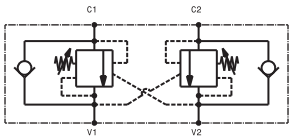
Valvola OVERCENTER doppio effetto in linea flangiabile
Flangeable, in line, double effect COUNTERBALANCE valve

mod. OVC-DE-L-F30





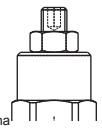
Corpo in alluminio
Aluminium body

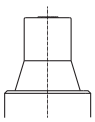
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

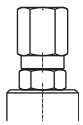
Modello ***Type***	**V1, V2**	**Portata max** ***Max. flow***
OVC-DE-L-F30-14	1/4"GAS	20 l/min *5 gpm*
OVC-DE-L-F30-38	3/8"GAS	40 l/min *10.5 gpm*
OVC-DE-L-F30-12	1/2"GAS	60 l/min *16 gpm*

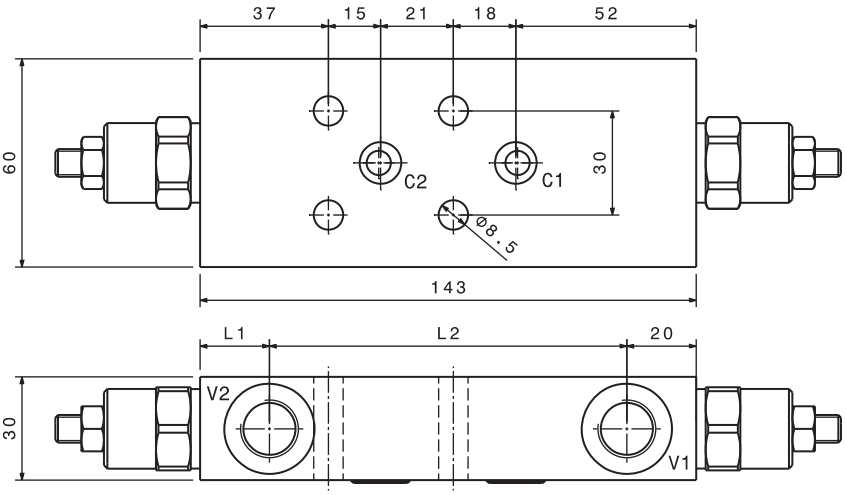
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Modello ***Type***	**L1**	**L2**
OVC-DE-L-F30-14	20	103
OVC-DE-L-F30-38	20	103
OVC-DE-L-F30-12	18	105

Sigla di ordinazione / Ordering code

OVC-DE-L-F30-14 — 02 — -

Modello *Type* **OVC-DE-L-F30-14** **OVC-DE-L-F30-38** **OVC-DE-L-F30-12**	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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 filitration*	25 µ

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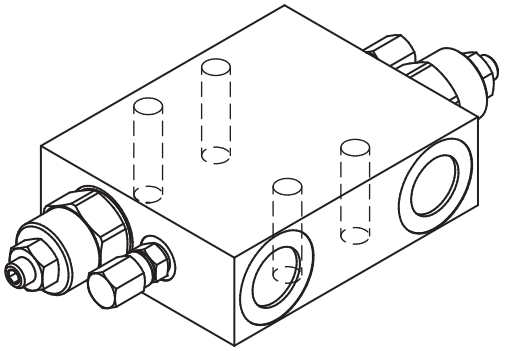
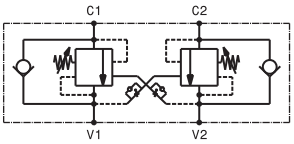
Valvola OVERCENTER doppio effetto in linea flangiabile
Flangeable, in line, double effect COUNTERBALANCE valve

mod. OVC-DE-F2-PST





Corpo in alluminio
Aluminium body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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

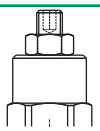
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

Modello ***Type***	**V1, V2**	**Portata max** ***Max. flow***
OVC-DE-F2-PST-12	1/2"GAS	60 l/min *16 gpm*
OVC-DE-F2-PST-34	3/4"GAS	150 l/min *39 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

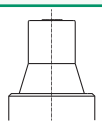
Regolazioni - *Adjustments*

-



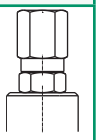
Vite esterna esagono incassato
Leakproof hex socket screw

C

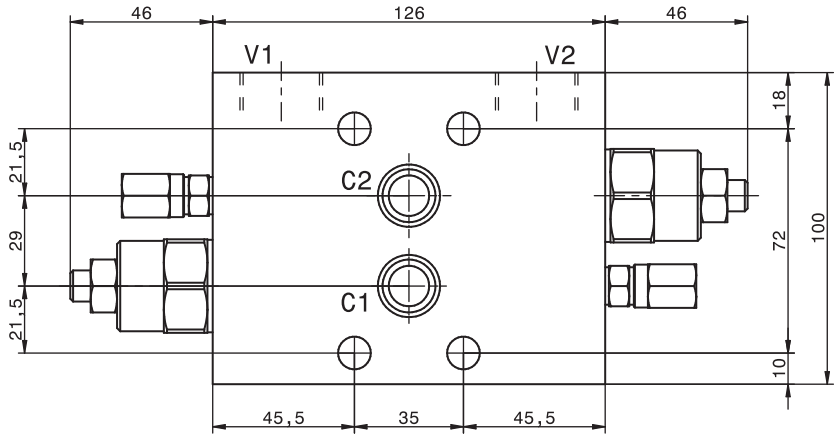


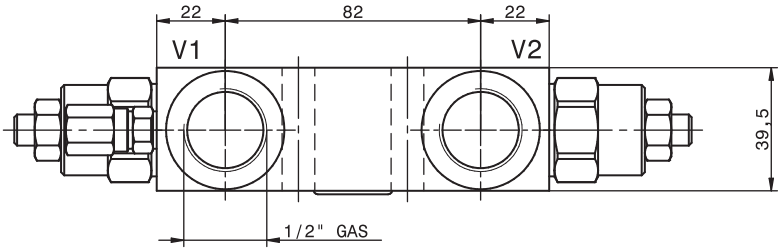
Piombatura
Sealing cap

D



Cappellotto
Cap





Sigla di ordinazione / Ordering code

OVC-DE-F2-PST-12	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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Aggiornamento / *Update 09-09-2014*

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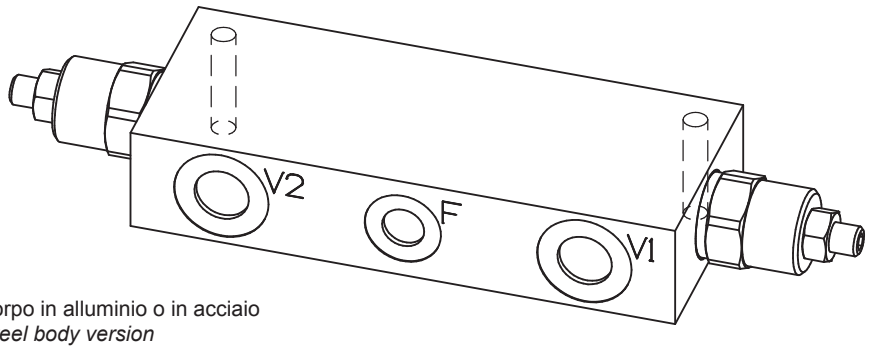
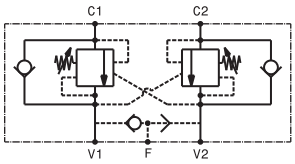
Valvola OVERCENTER doppio effetto in linea con sblocco freno
In line, double effect COUNTERBALANCE valve with brake unclamping

mod. OVC-DE-L-SF (3/8"-1/2"BSP)





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

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

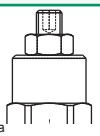
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

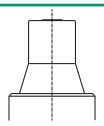
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

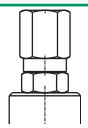
Modello ***Type***	**V1, C1** **V2, C2**	**F**	**Portata max** ***Max. flow***
OVC-DE-L-SF-38	3/8"GAS	1/4"GAS	40 l/min *10.5 gpm*
OVC-DE-L-SF-12	1/2"GAS	1/4"GAS	60 l/min *16 gpm*

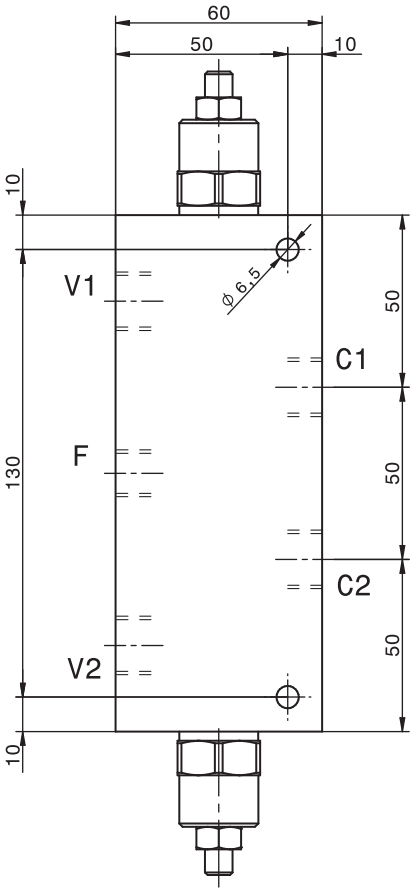
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

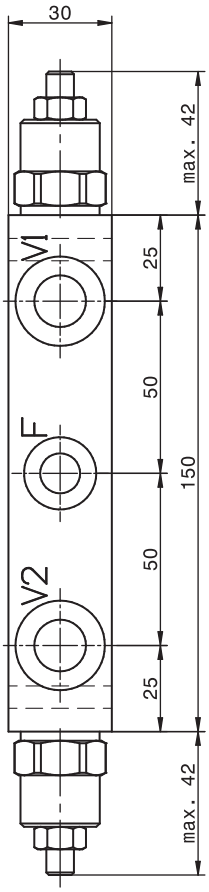
Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap





Sigla di ordinazione / Ordering code

OVC-DE-L-SF-38	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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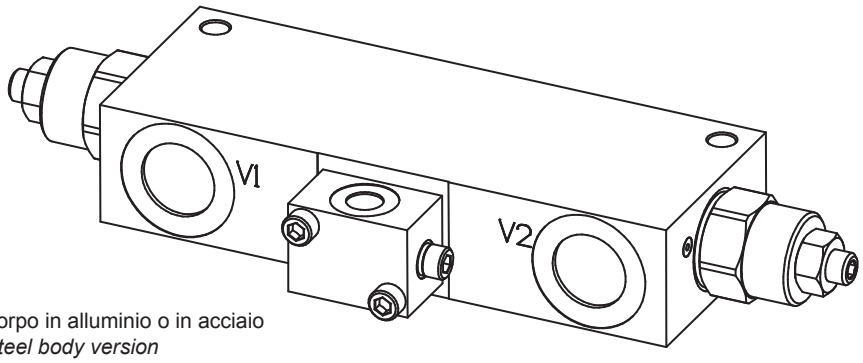
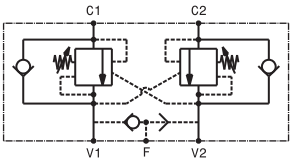
Valvola OVERCENTER doppio effetto in linea con sblocco freno
In line, double effect COUNTERBALANCE valve with brake unclamping

mod. OVC-DE-L-SF (3/4"-1"BSP)





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

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

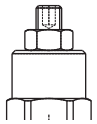
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

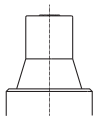
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

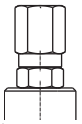
Modello ***Type***	**V1, C1** **V2, C2**	**F**	**Portata max** ***Max. flow***
OVC-DE-L-SF-34	3/4"GAS	1/4"GAS	100 l/min *26 gpm*
OVC-DE-L-SF-10	1"GAS	1/4"GAS	120 l/min *32 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

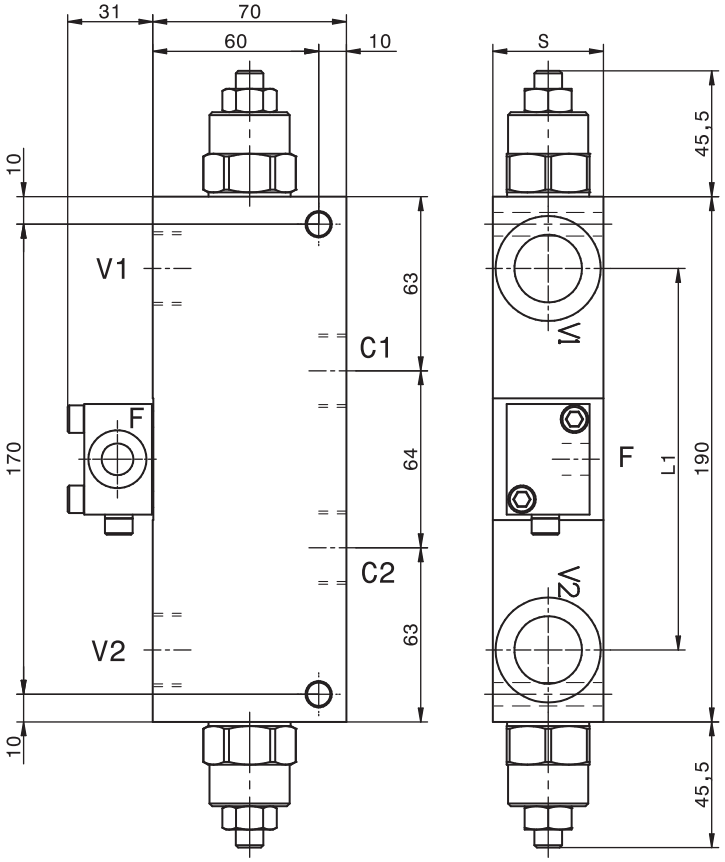
Regolazioni *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap

Dimensioni ***Dimensions***	**S**	**L**
OVC-DE-L-SF-34	40	138
OVC-DE-L-SF-10	50	132



Sigla di ordinazione / Ordering code

OVC-DE-L-SF-34	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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Aggiornamento / *Update 09-09-2014*

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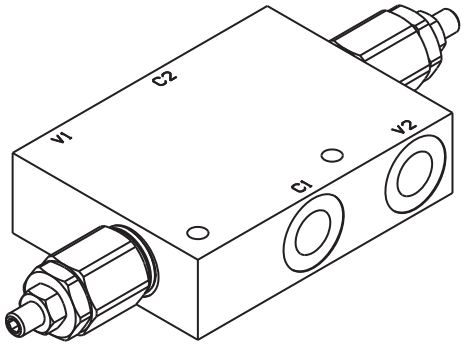
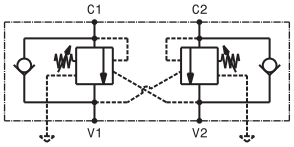
Valvola OVERCENTER compensata in pressione doppio effetto
Double effect pressure compensated COUNTERBALANCE valve

mod. OVC-DE-CC





Corpo in alluminio
Aluminium body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

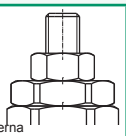
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

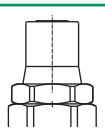
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

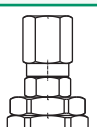
Modello ***Type***	**V1, C1** **V2, C2**	**Portata max** ***Max. flow***
OVC-DE-CC-38	3/8"GAS	40 l/min *10.5 gpm*
OVC-DE-CC-12	1/2"GAS	60 l/min *16 gpm*

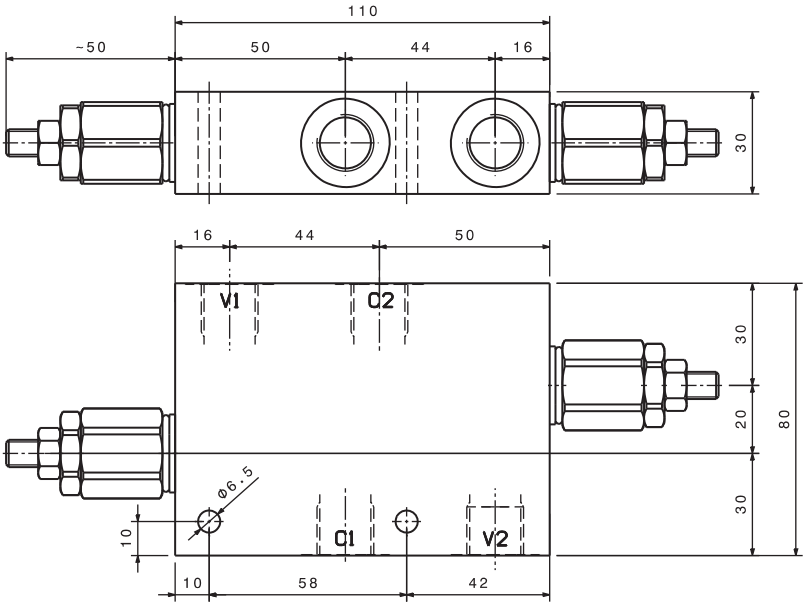
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni - *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Sigla di ordinazione / Ordering code

OVC-DE-CC-38	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

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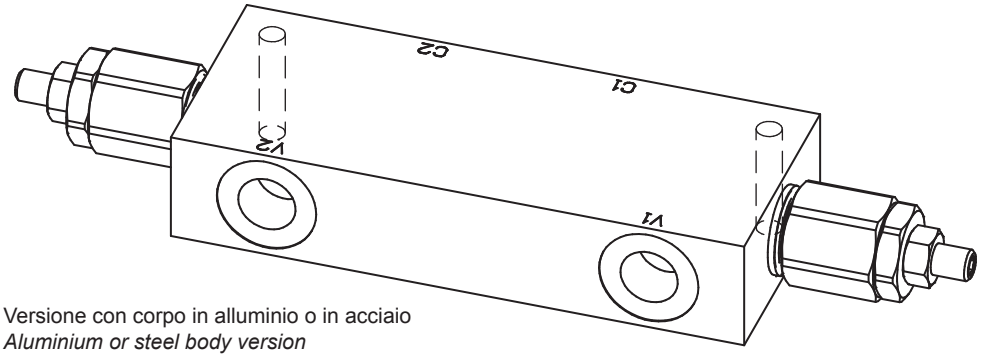
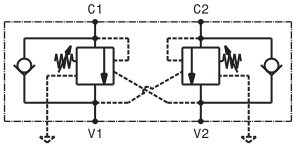
Valvola OVERCENTER compensata in pressione doppio effetto in linea
In line, double effect pressure compensated COUNTERBALANCE valve

mod. OVC-DE-L-CC





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

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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 filitration*	25 µ

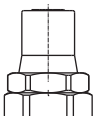
Modello ***Type***	**V1, V2** **C1, C2**	**Portata max** ***Max. flow***
OVC-DE-L-CC-38	3/8”GAS	40 l/min *10.5 gpm*
OVC-DE-L-CC-12	1/2”GAS	60 l/min *16 gpm*
OVC-DE-L-CC-34	3/4”GAS	100 l/min *26 gpm*
OVC-DE-L-CC-10	1”GAS	120 l/min *32 gpm*

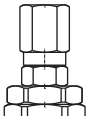
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

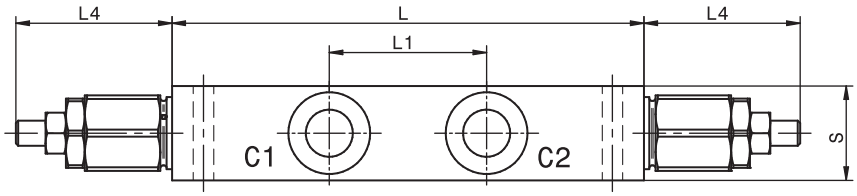
Regolazioni - *Adjustments*

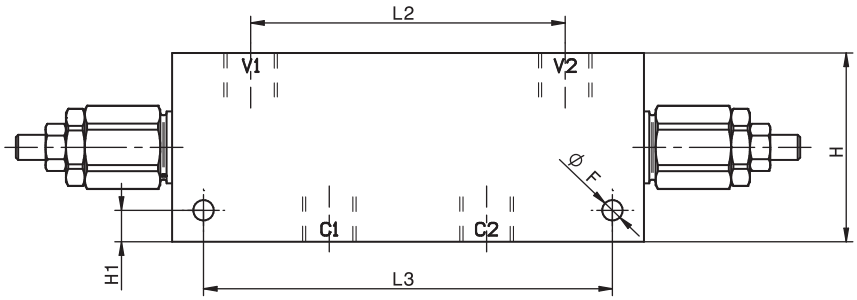
-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap





Modello ***Type***	**L**	**H**	**S**	**L1**	**L2**	**L3**	**L4**	**H1**	**F**
OVC-DE-L-CC-38	150	60	30	50	100	130	50	10	6.5
OVC-DE-L-CC-12	150	60	30	50	100	130	50	10	6.5
OVC-DE-L-CC-34	190	70	40	64	138	170	58	10	8.5
OVC-DE-L-CC-10	190	70	50	64	132	170	58	10	8.5

Sigla di ordinazione / Ordering code

OVC-DE-L-CC-38	02	-	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**	**-** Alluminio / *Aluminium* **A** Acciaio / *Steel*

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Aggiornamento / *Update 09-09-2014*

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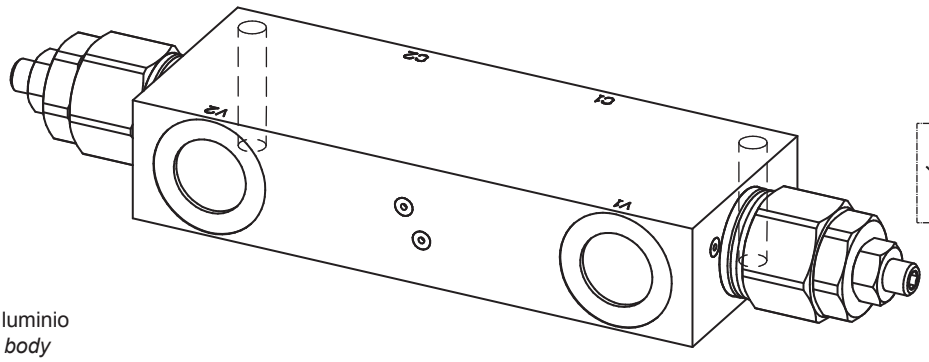
Valvola OVERCENTER compensata in pressione doppio effetto in linea
In line, double effect pressure compensated COUNTERBALANCE valve

mod. OVC-DE-L-200-CC



Corpo in alluminio
Aluminium body

Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

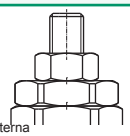
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

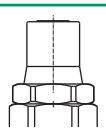
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

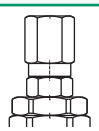
Modello ***Type***	**V1, V2** **C1, C2**	**S**	**L1**	**Portata max** ***Max. flow***
OVC-DE-L-200-34	3/4"GAS	40	26	150 l/min *40 gpm*
OVC-DE-L-200-10	1"GAS	50	29	200 l/min *53 gpm*

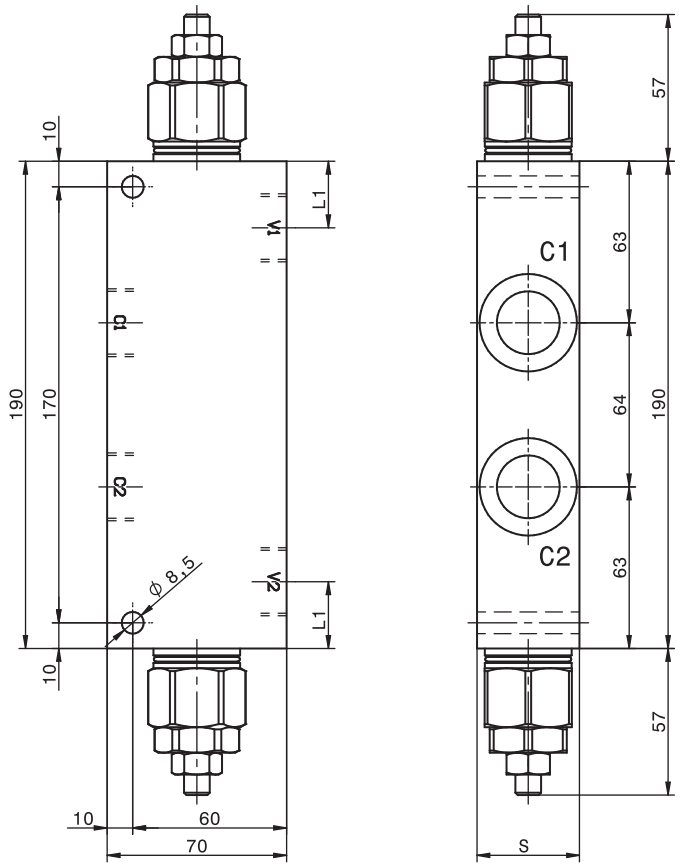
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Sigla di ordinazione / Ordering code

OVC-DE-L-200-CC-34 — 02 — -

Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

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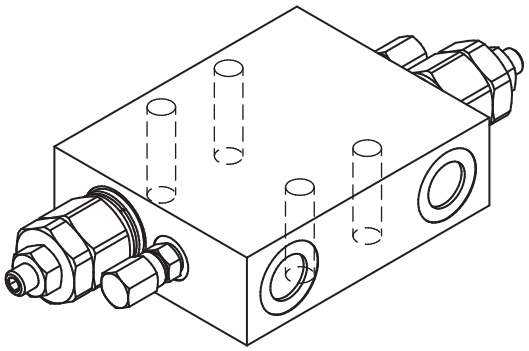
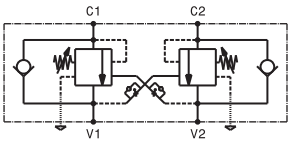
Valvola OVERCENTER doppio effetto compensata in pressione, in linea flangiabile
Flangeable, in line, double effect pressure compensated COUNTERBALANCE valve

mod. OVC-DE-F2-PST-CC

Corpo in alluminio
Aluminium body





Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio *Pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

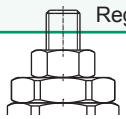
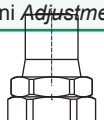
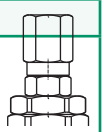
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

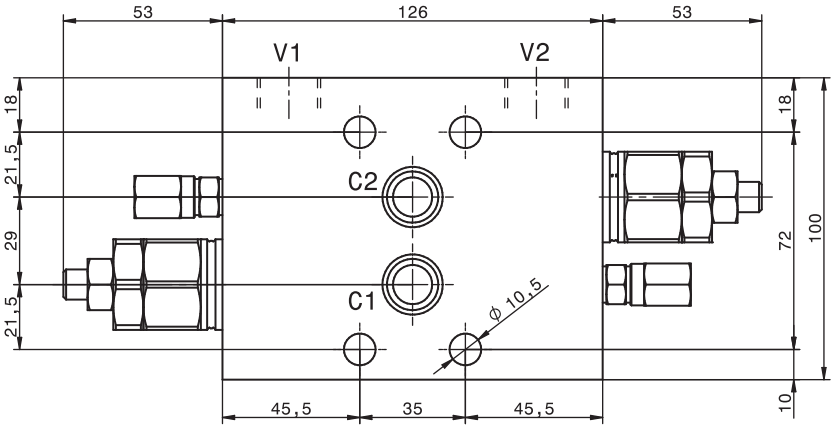
Viscosità consigliate *Recommended viscosity*	10 ÷ 420 cSt
Temperature di lavoro *Working temperature*	-20 ÷ +90 °C
Filtrazione assoluta *Absolute filitration*	25 µ

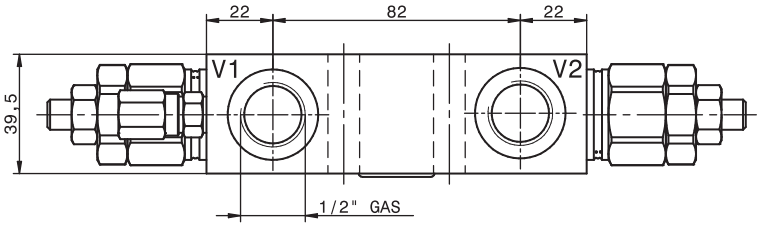
Modello ***Type***	**V1, V2**	**Portata max** ***Max. flow***
OVC-DE-F2-PST-CC-12	1/2"GAS	60 l/min *16 gpm*
OVC-DE-F2-PST-CC-34	3/4"GAS	150 l/min *39 gpm*

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni *Adjustments*

-	C	D
		
Vite esterna esagono incassato *Leakproof hex socket screw*	Piombatura *Sealing cap*	Cappellotto *Cap*





Sigla di ordinazione / Ordering code

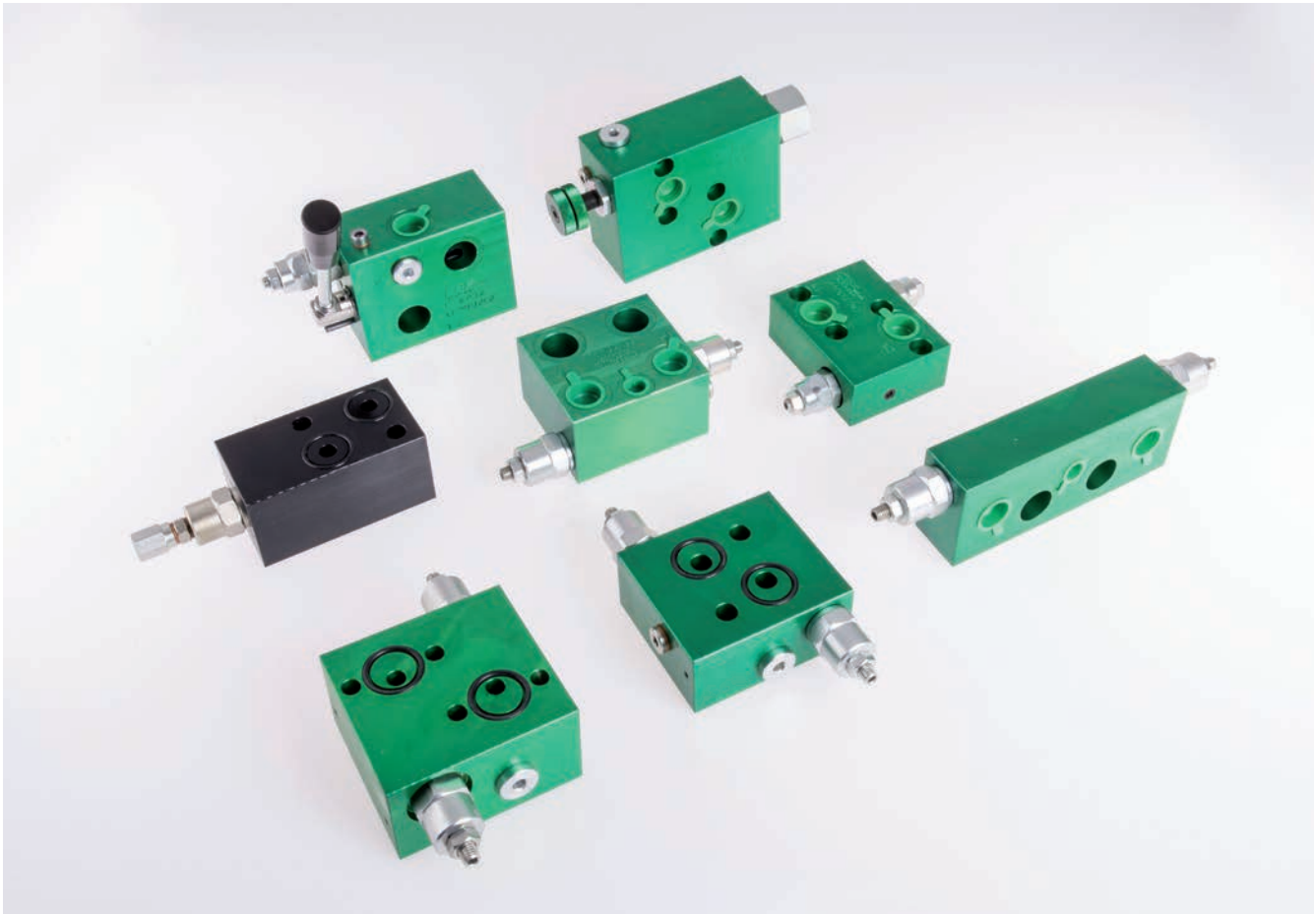
OVC-DE-F2-PST-CC-12	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

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.*

Aggiornamento / *Update 09-09-2014*

Valvole flangiabili su motori idraulici

Valves for hydraulic motors



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VALVOLE PER MOTORI IDRAULICI
VALVES FOR HYDRAULIC MOTORS

Queste valvole vengono utilizzate per il montaggio diretto su motori idraulici tramite il fissaggio a vite filettata o vite cava.
Proponiamo valvole antishock, anticavitazione, valvole overcenter, valvole regolatrici di flusso, rotodeviatori e selettrici
Flangiature per motori:
- DANFOSS OMP, OMPL, OMR, OMS, OMSS, OMSW.
- SAMHYDRAULIC AG-AR
- PARKER TE-TJ
- CHAR LYNN
- Altre flangiature su richiesta del Cliente.

These valves are used for direct mounting into hydraulic motors via the fixing screw or through banjo bolt.
We propose antishock valves, anticavitation valves, overcenter valves, flow control valves, shuttle valves and rotating distributors.
Hydraulic motor's flange:
- DANFOSS OMP, OMPL, OMR, OMS, OMSS, OMSW.
- SAMHYDRAULIC AG-AR
- PARKER TE-TJ
- CHAR LYNN
- Other flange on customer requirements.

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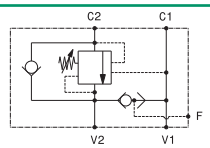
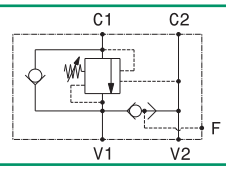
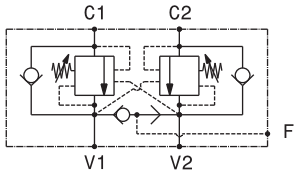
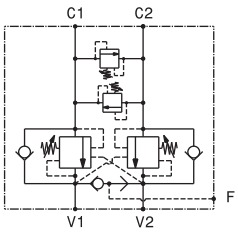
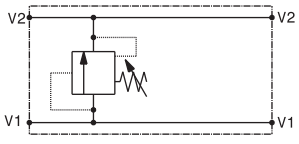
INDICE PER TIPO DI VALVOLA
INDEX BY VALVE TYPE

		Modello motore *Motor type*	Q (l/min)	P (bar)	PAGINA *PAGE*
Valvola overcentre semplice effetto con sblocco freno *Single effect overcentre valve with brake release*					
	OVC-SE-FMD-SF-12	DANFOSS OMP-OMPL-OMR	60	350	**433**
Valvola overcentre semplice effetto con sblocco freno *Single effect overcentre valve with brake release*					
	OVC-SE-FMD-SF-121	DANFOSS OMS-OMSW-OMSS	60	350	**434**
	OVC-SE-FMD-SF-C-12	DANFOSS OMP-OMPL-OMR	60	350	**435**
	OVC-SE-FMSH-SF-VC-12	SAMHYDRAULIC AG-AR	60	350	**436**
Valvola overcentre doppio effetto con sblocco freno *Double effect overcentre valve with brake release*					
	OVC-DE-FMD-SF-12	DANFOSS OMP-OMPL-OMR	60	350	**437**
	OVC-DE-FMD-SF-121	DANFOSS OMS-OMSW-OMSS	60	350	**438**
	OVC-DE-FMD-SF-C-12	DANFOSS OMP-OMPL-OMR	60	350	**439**
	OVC-DE-FMSH-SF-VC-12	SAMHYDRAULIC AG-AR	60	350	**440**
	OVC-DE-FMCL-SF-VC-12	CHAR-LYNN	60	350	**441**
	OVC-DE-FMP-SF-VC-12	PARKER TE-TJ	60	350	**442**
Valvola overcentre doppio effetto, antishock e sblocco freno *Antishock, double effect Overcentre valve with brake release*					
	OVC-DE-FMD-SF-VLPDI-12	DANFOSS OMP-OMPL-OMR	60	350	**443**
Valvola antiurto semplice effetto *Single effect antishock valve*					
	VLP40-S-FMD	DANFOSS OMP-OMPL-OMR	40	300	**444**
	VLP40-S-FMD1	DANFOSS OMS-OMSW-OMSS	40	300	**445**
	VLP40-S-FMD-VC	DANFOSS OMP-OMPL-OMR	40	300	**446**
	VLP40-S-FMD-VC1	DANFOSS OMS-OMSW-OMSS	40	300	**447**
	VLP40-S-FMSH-VC	SAMHYDRAULIC AG-AR	40	300	**448**
	VLP80-S-FMW-VC	SAMHYDRAULIC AG-AR	40	300	**449**

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INDICE PER TIPO DI VALVOLA
INDEX BY VALVE TYPE

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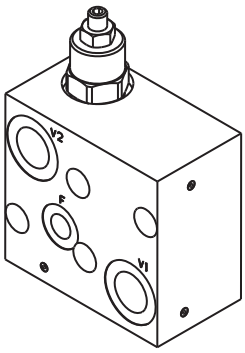
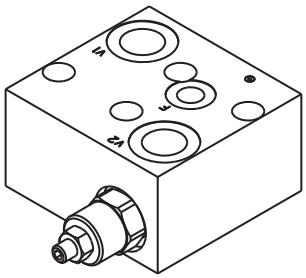
Valvola OVERCENTER semplice effetto con sblocco freno flangiabile su motori DANFOSS-OMP-OMPL-OMR

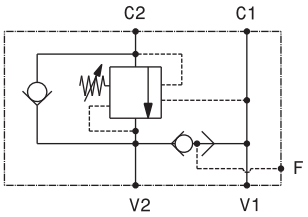
Single effect OVERCENTER valve with brake unclamping, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. OVC-SE-FMD-SF-12

Corpo in alluminio
Aluminium body





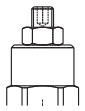


Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

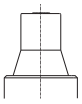
Regolazioni *Adjustments*

-



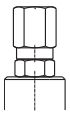
Vite esterna esagono incassato
Leakproof hex socket screw

C



Piombatura
Sealing cap

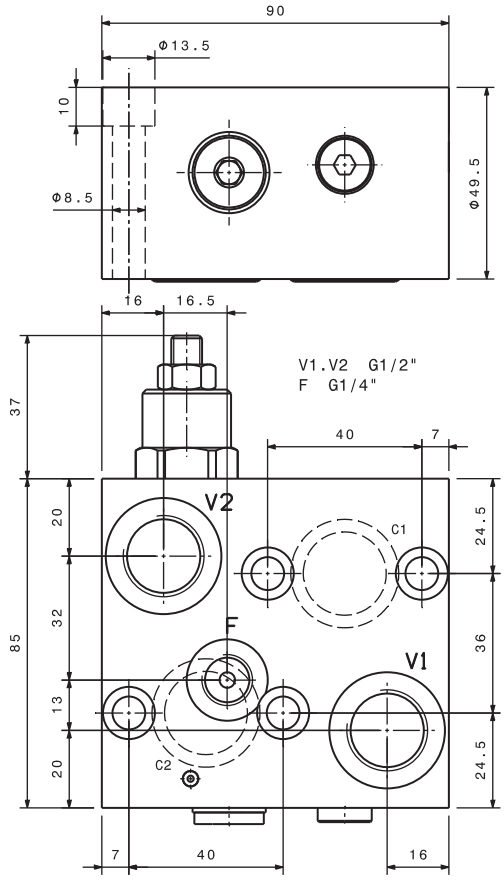
D



Cappellotto
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 filitration*	25 µ



Sigla di ordinazione / Ordering code

OVC-SE-FMD-SF-12	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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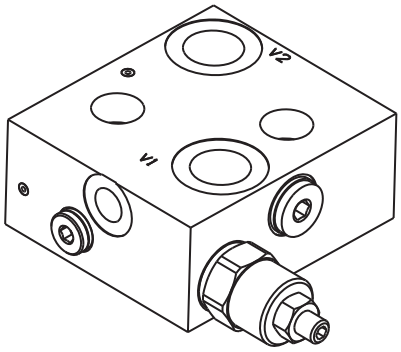
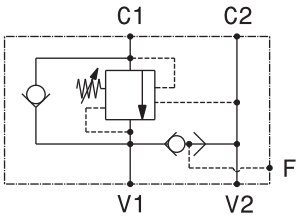
Valvola OVERCENTER semplice effetto con sblocco freno flangiabile su motori DANFOSS-OMS-OMSW-OMSS
Single effect OVERCENTER valve with brake unclamping, flangeable to DANFOSS OMS-OMSW-OMSS motors

mod. OVC-SE-FMD-SF-121

Corpo in alluminio
Aluminium body



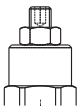


Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

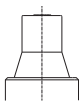
Regolazioni *Adjustments*

-



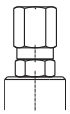
Vite esterna esagono incassato
Leakproof hex socket screw

C



Piombatura
Sealing cap

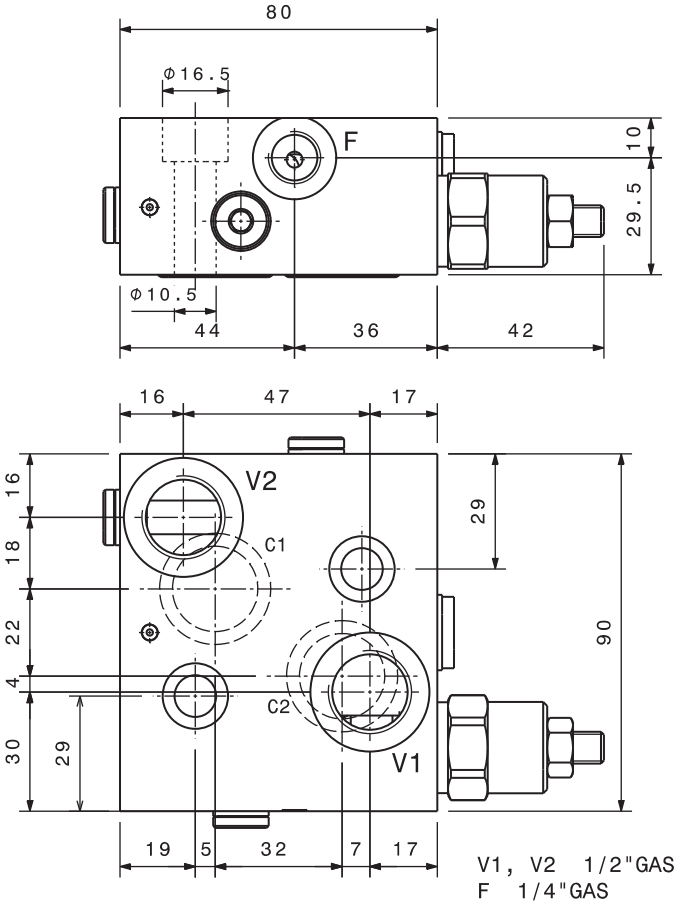
D



Cappellotto
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 filitration*	25 µ



Sigla di ordinazione / Ordering code

OVC-SE-FMD-SF-121	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 09-09-2014*

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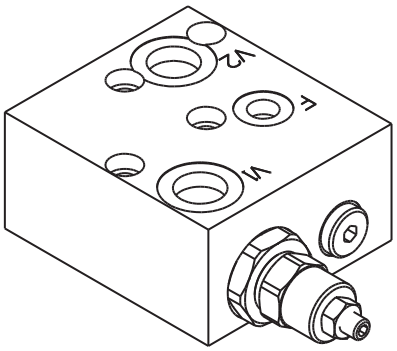
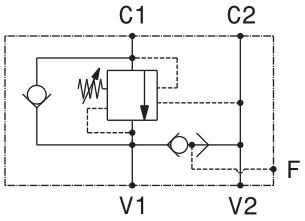
Valvola OVERCENTER semplice effetto a cartuccia con sblocco freno flangiabile su motori DANFOSS-OMP-OMPL-OMR
Single effect, cartridged OVERCENTER valve with brake unclamping, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. OVC-SE-FMD-SF-C-12

Corpo in alluminio
Aluminium body





Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

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Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
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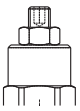
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

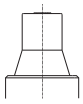
Regolazioni *Adjustments*

-



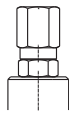
Vite esterna esagono incassato
Leakproof hex socket screw

C



Piombatura
Sealing cap

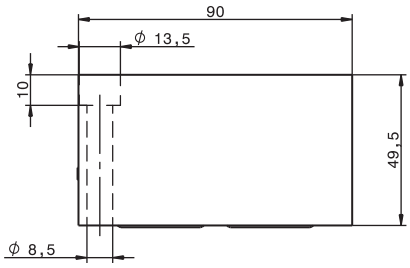
D

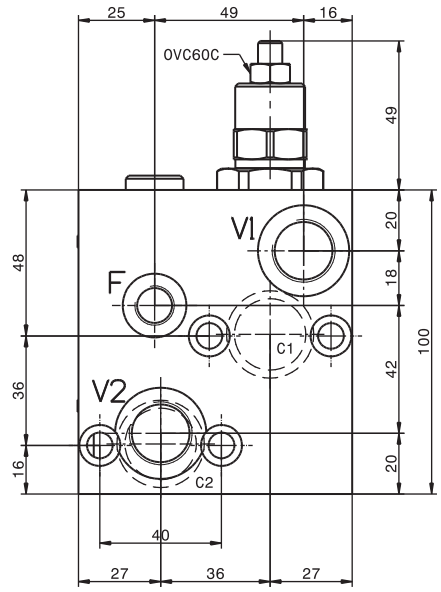


Cappellotto
Cap

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 filitration*	25 µ





Sigla di ordinazione / Ordering code

OVC-SE-FMD-SF-C-12	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **- , C, D**

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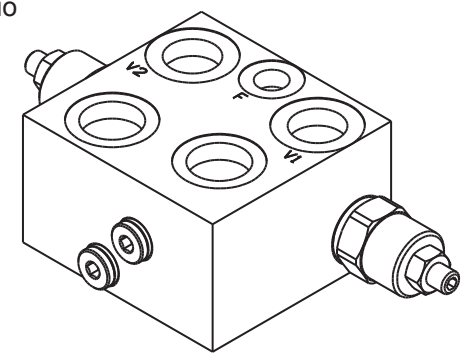
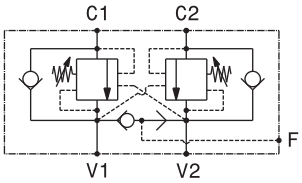
e-mail: info@cbfhydraulic.com - http://www.cbfhydraulic.com

Valvola OVERCENTER semplice effetto con sblocco freno flangiabile su motori SAMHYDRAULIK AG-AR
Single effect OVERCENTER valve with brake unclamping, flangeable to SAMHYDRAULIK motors AG-AR

mod. OVC-SE-FMSH-SF-VC-12

Corpo in alluminio
Aluminium body



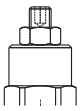


Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

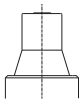
Regolazioni *Adjustments*

-



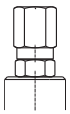
Vite esterna esagono incassato
Leakproof hex socket screw

C



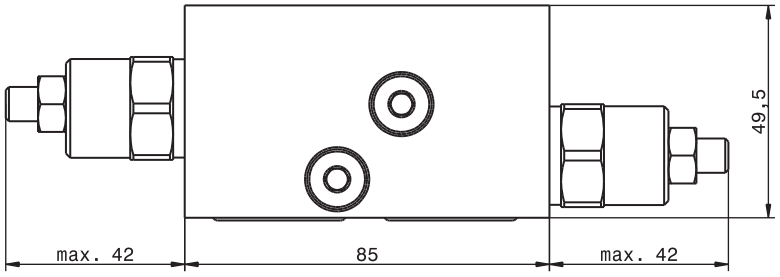
Piombatura
Sealing cap

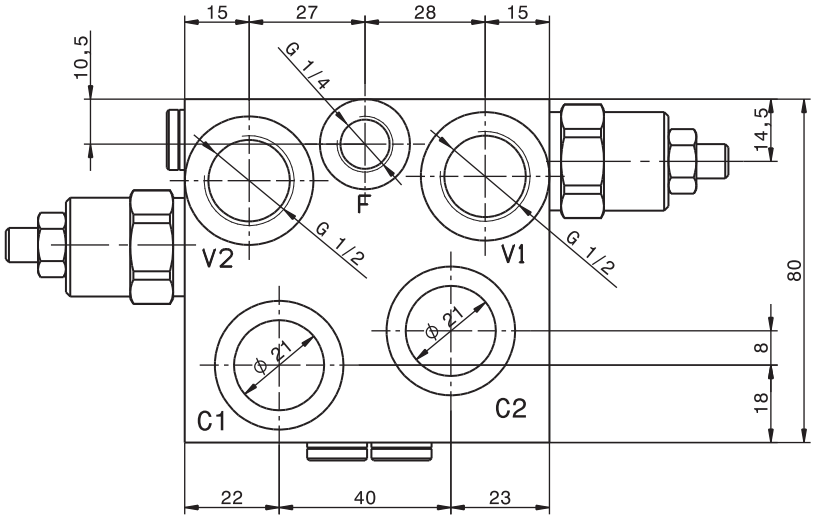
D



Cappellotto
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 filitration*	25 µ





Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0005

Sigla di ordinazione / Ordering code

OVC-SE-FMSH-SF-VC-12	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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Aggiornamento / *Update 09-09-2014*

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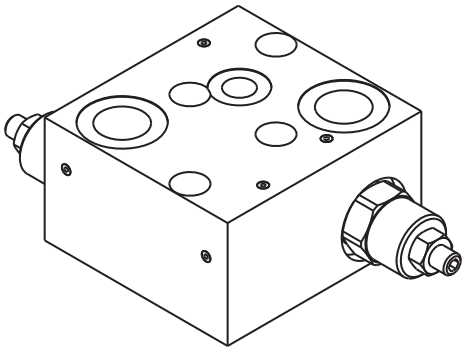
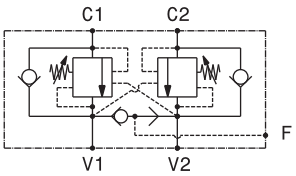
Double effect OVERCENTER valve with brake unclamping, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. OVC-DE-FMD-SF-12

Corpo in alluminio
Aluminium body



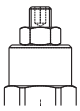


Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

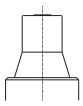
Regolazioni *Adjustments*

-



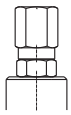
Vite esterna esagono incassato
Leakproof hex socket screw

C



Piombatura
Sealing cap

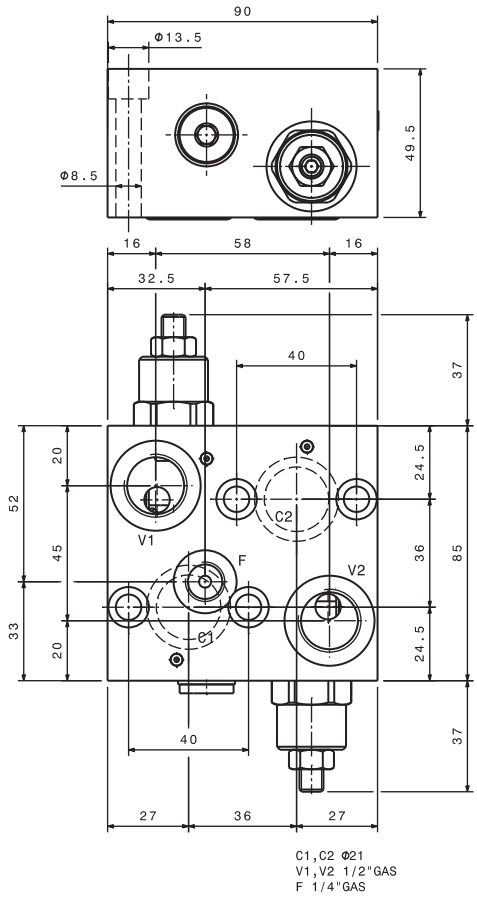
D



Cappellotto
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 filitration*	25 µ



Sigla di ordinazione / Ordering code

OVC-DE-FMD-SF-12	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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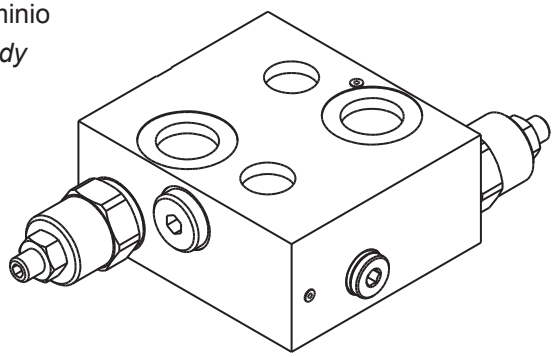
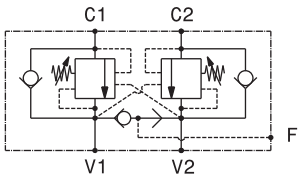
Valvola OVERCENTER doppio effetto con sblocco freno flangiabile su motori DANFOSS-OMS-OMSW-OMSS
Double effect OVERCENTER valve with brake unclamping, flangeable to DANFOSS OMS-OMSW-OMSS motors

mod. OVC-DE-FMD-SF-121

Corpo in alluminio
Aluminium body



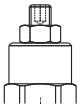


Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

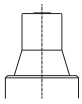
Regolazioni *Adjustments*

-



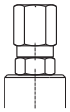
Vite esterna esagono incassato
Leakproof hex socket screw

C



Piombatura
Sealing cap

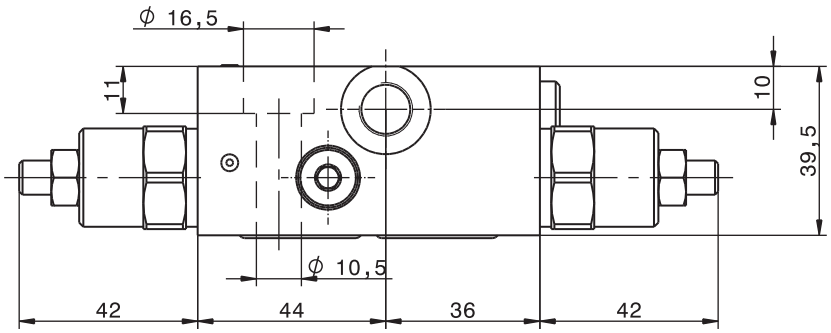
D

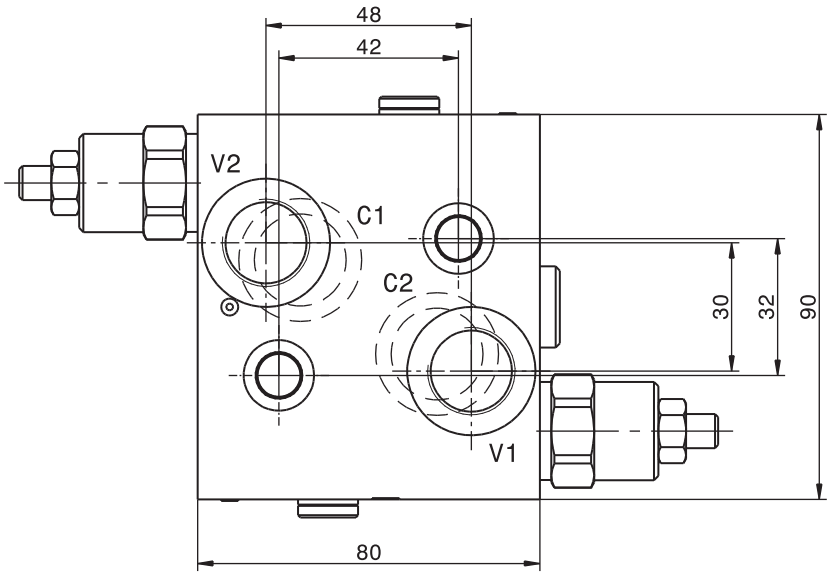


Cappellotto
Cap

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 filitration*	25 µ





Sigla di ordinazione / Ordering code

OVC-DE-FMD-SF-121	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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Aggiornamento / *Update 09-09-2014*

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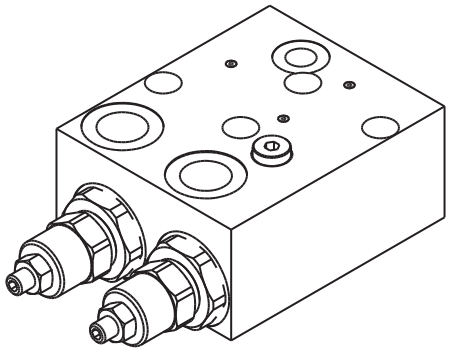
Valvola OVERCENTER doppio effetto a cartuccia con sblocco freno flangiabile su motori DANFOSS-OMP-OMPL-OMR

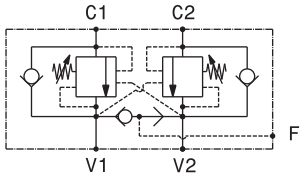
Double effect cartridge OVERCENTER valve with brake unclamping, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. OVC-DE-FMD-SF-C-12

Corpo in alluminio

Aluminium body



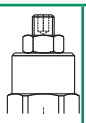


Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

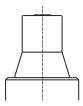
Regolazioni *Adjustments*

-



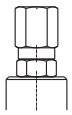
Vite esterna esagono incassato
Leakproof hex socket screw

C



Piombatura
Sealing cap

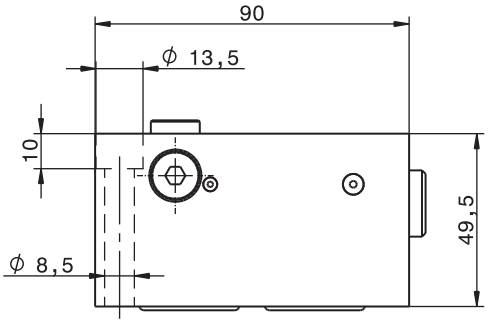
D

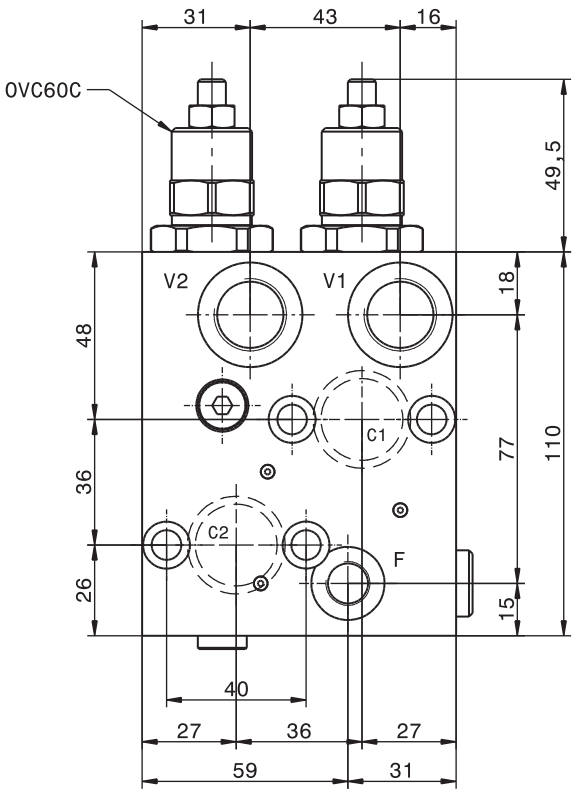


Cappellotto
Cap

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 filitration*	25 µ





Sigla di ordinazione / Ordering code

OVC-DE-FMD-SF-C-12	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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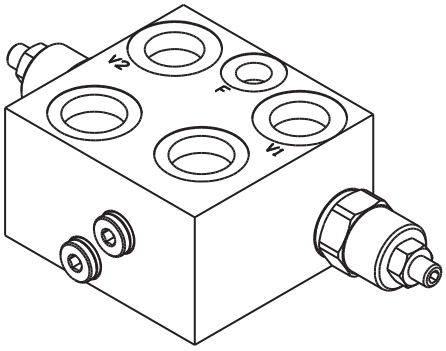
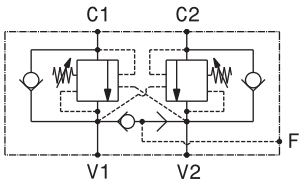
Double effect OVERCENTER valve with brake unclamping, flangeable to SAMHYDRAULIK motors AG-AR

mod. OVC-DE-FMSH-SF-VC-12

Corpo in alluminio
Aluminium body



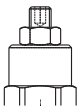


Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

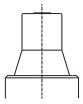
Regolazioni *Adjustments*

-



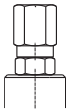
Vite esterna esagono incassato
Leakproof hex socket screw

C



Piombatura
Sealing cap

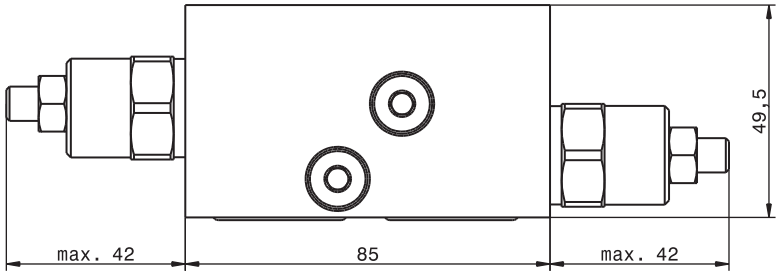
D

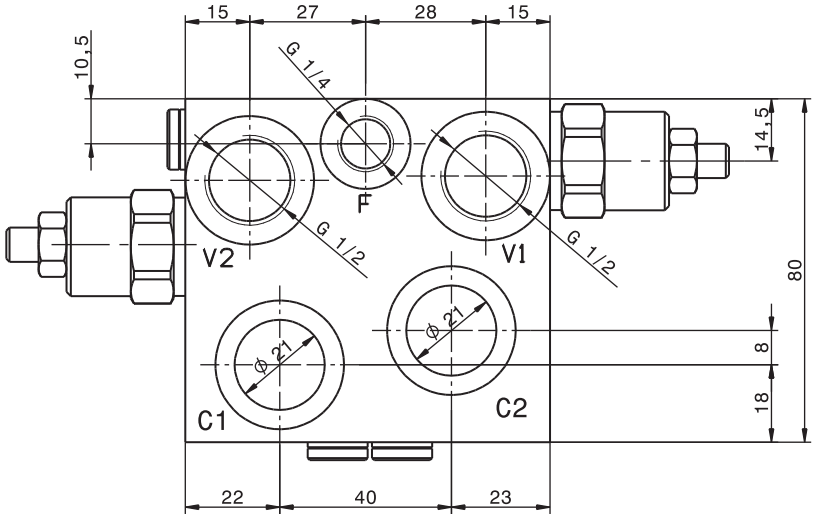


Cappellotto
Cap

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 filitration*	25 µ





Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0005

Sigla di ordinazione / Ordering code

OVC-DE-FMSH-SF-VC-12	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, 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.*

Aggiornamento / *Update 09-09-2014*

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Tel. 0444 499141 / 0444 499143 - Fax 0444 499145
e-mail: info@cbfhydraulic.com - http://www.cbfhydraulic.com

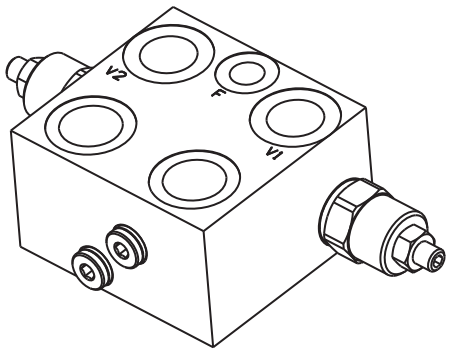
Valvola OVERCENTER doppio effetto con sblocco freno flangiabile su motori CHAR-LYNN, serie H

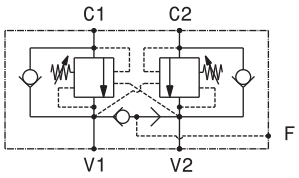
Double effect OVERCENTER valve with brake unclamping, flangeable to CHAR-LYNN motors, H serie

mod. OVC-DE-FMCL-SF-VC-12

Corpo in alluminio

Aluminium body



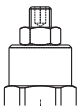


Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

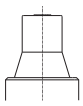
Regolazioni *Adjustments*

-



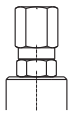
Vite esterna esagono incassato
Leakproof hex socket screw

C



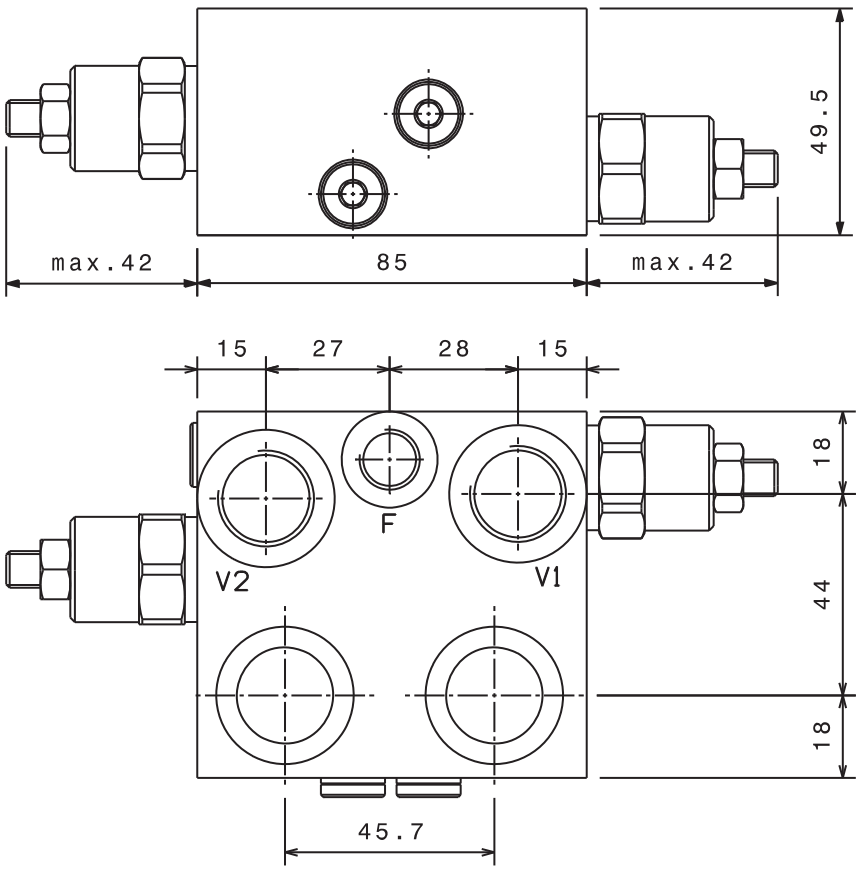
Piombatura
Sealing cap

D



Cappellotto
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 filitration*	25 µ



Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0005

Sigla di ordinazione / Ordering code

OVC-DE-FMCL-SF-VC-12	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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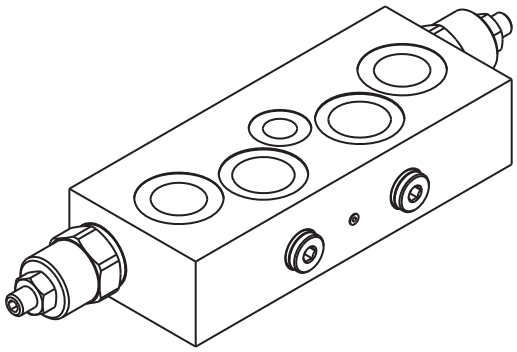
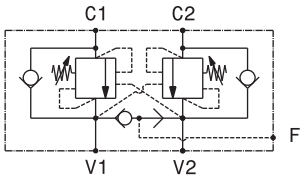
e-mail: info@cbfhydraulic.com - http://www.cbfhydraulic.com

Valvola OVERCENTER doppio effetto con sblocco freno flangiabile su motori PARKER, serie TE-TJ
Double effect OVERCENTER valve with brake unclamping, flangeable to PARKER motors, TE-TJ series

mod. OVC-DE-FMP-SF-VC-12

Corpo in alluminio
Aluminium body

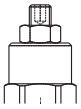


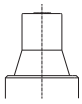


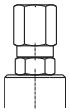
Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

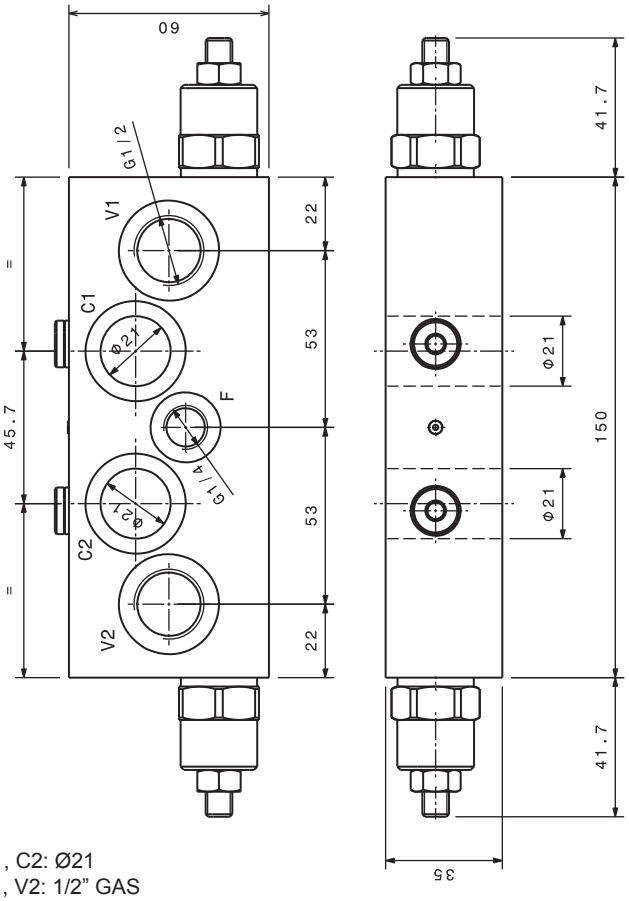
Regolazioni *Adjustments*

-

Vite esterna esagono incassato
Leakproof hex socket screw

C

Piombatura
Sealing cap

D

Cappellotto
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 filitration*	25 µ



C1, C2: Ø21
V1, V2: 1/2" GAS
F: 1/4" GAS

Sigla di ordinazione / Ordering code

OVC-DE-FMP-SF-VC-12	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0003

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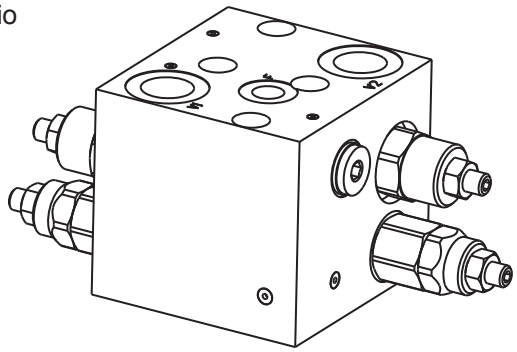
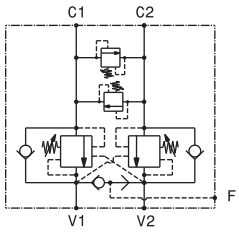
Valvola OVERCENTER doppio effetto - antischock con sblocco freno, flangiabile su motori DANFOSS-OMP-OMPL-OMR
Double effect OVERCENTER - antishock with valve brake unclamping, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. OVC-DE-FMD-SF-VLPDI-12

Corpo in alluminio
Aluminium body

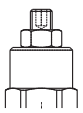
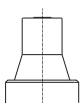
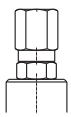




Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	350 bar *5000 psi*
Rapporto di pilotaggio standard *Standard pilot ratio*	4,25:1
Rapporto di pilotaggio a richiesta *Pilot ratio upon request*	3:1 8:1 10:1

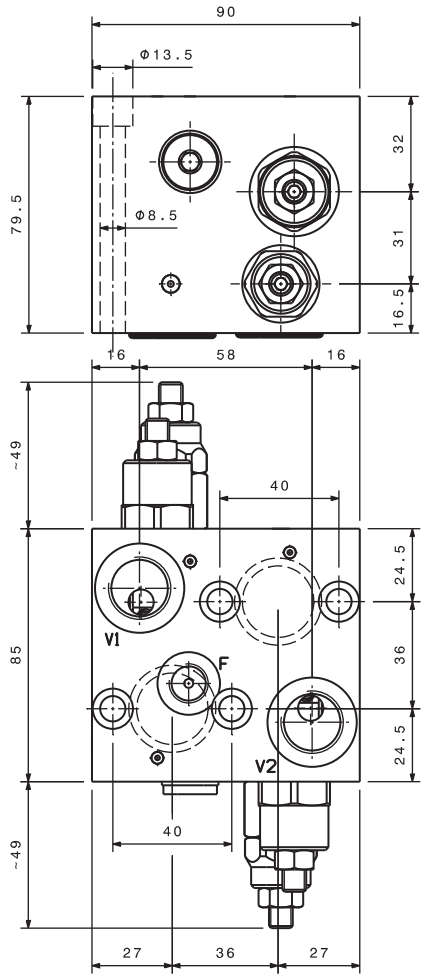
Taratura *Setting*	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico *The valve must be set at least 1.3 times maximum load induced pressure*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*	Colore molla *Spring color*
01	**100 bar** ***1450 psi***	**20÷200 bar** ***290÷2900 psi***	**Bianco** ***White***
02	**280 bar** ***4000 psi***	**50÷350 bar** ***725÷5000 psi***	**Nero** ***Black***

Regolazioni *Adjustments*

-	C	D
		
Vite esterna esagono incassato *Leakproof hex socket screw*	Piombatura *Sealing cap*	Cappellotto *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 filitration*	25 µ



V1, V2 : G1/2"
F : G1/4"

Sigla di ordinazione / Ordering code

OVC-DE-FMD-SF-VLPDI-12	02	-
Modello *Type*	Codice taratura *Setting code* **01, 02**	Codice regolazione *Adjustment code* **-, C, D**

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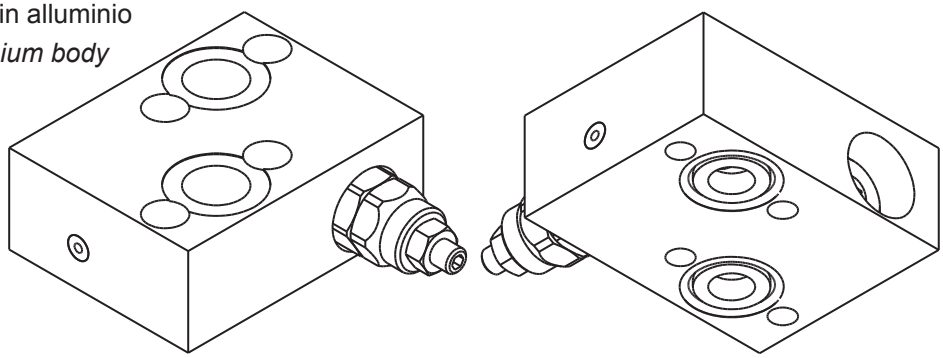
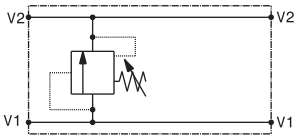
Valvola antiurto semplice effetto flangiabile su motori DANFOSS OMP-OMPL-OMR
Single effect antishock valve, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. VLP40-S-FMD

Corpo in alluminio
Aluminium body





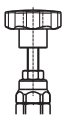
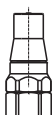
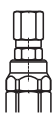
Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*

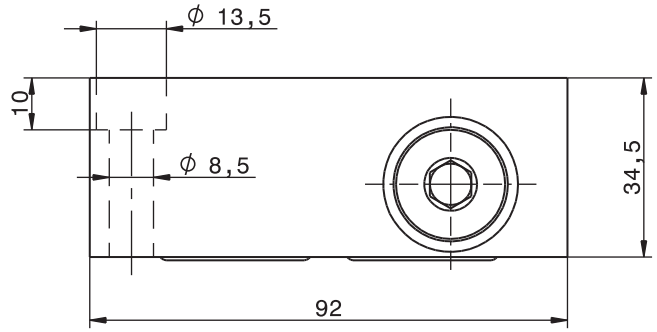
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷58sdx0 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600 psi***
03	**250 bar** ***3600 psi***	**60÷350 bar** ***870÷5000 psi***

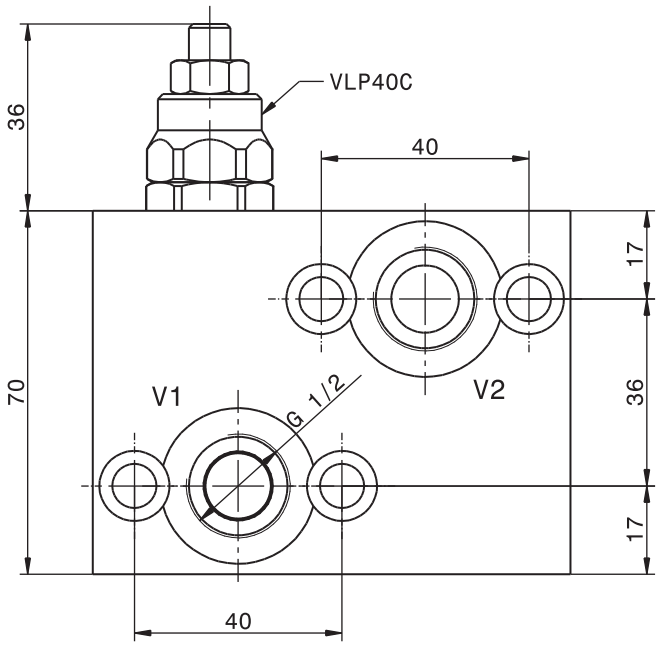
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Regolazioni
Adjustments

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





Sigla di ordinazione / Ordering code

VLP40-S-FMD	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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Aggiornamento / *Update 09-09-2014*

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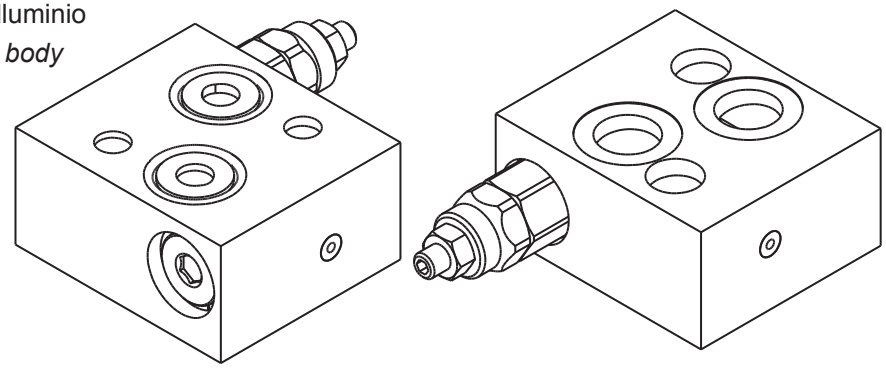
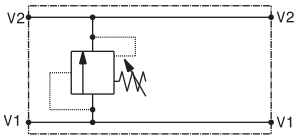
Valvola antiurto semplice effetto flangiabile su motori DANFOSS OMS-OMSW-OMSS
Single effect antishock valve, flangeable to DANFOSS OMS-OMSW-OMSS motors

mod. VLP40-S-FMD1

Corpo in alluminio
Aluminium body





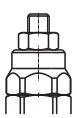
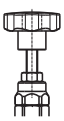
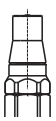
Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*

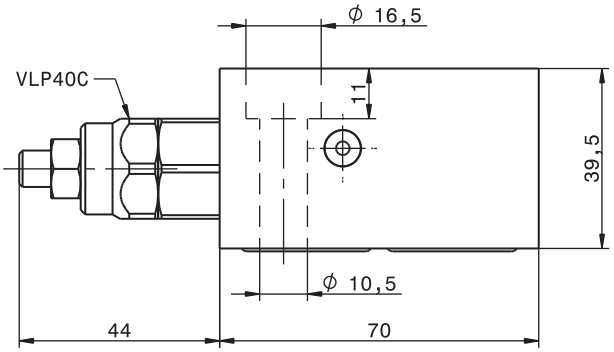
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

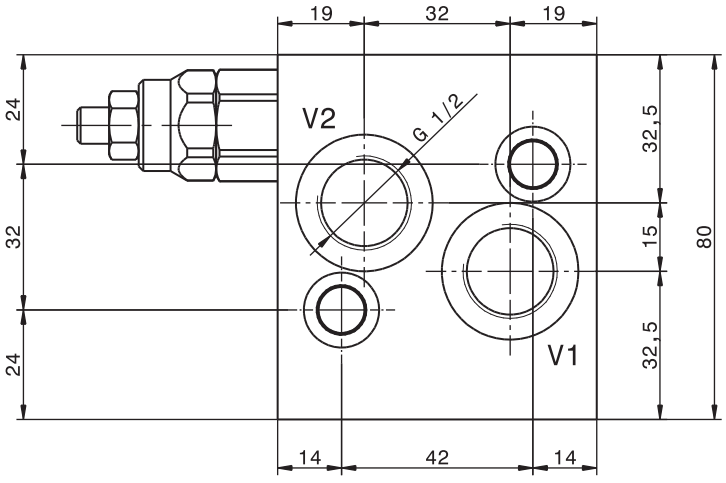
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Regolazioni
Adjustments

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





Sigla di ordinazione / Ordering code

VLP40-S-FMD1	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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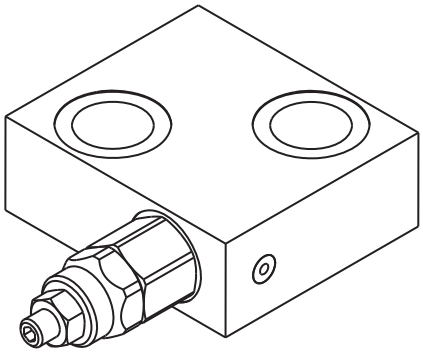
Valvola antiurto semplice effetto flangiabile con vite cava su motori DANFOSS OMP-OMPL-OMR

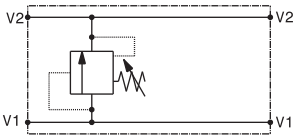
Single effect antishock valve, nipple screw flangeable to DANFOSS OMP-OMPL-OMR motors

mod. VLP40-S-FMD-VC

Corpo in alluminio

Aluminium body





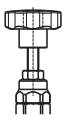
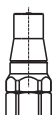
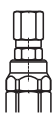
Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*

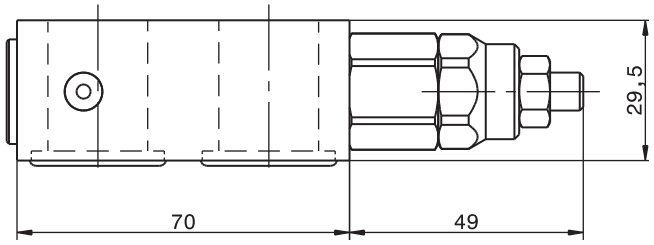
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

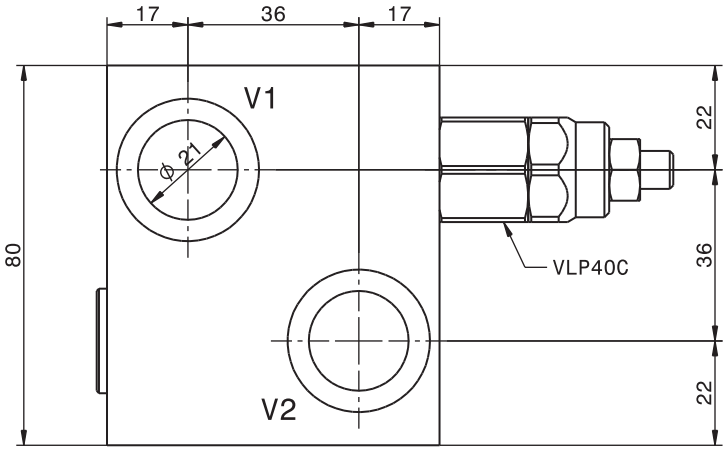
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Regolazioni
Adjustments

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





Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0004

Sigla di ordinazione / Ordering code

VLP40-S-FMD-VC	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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Aggiornamento / *Update 09-09-2014*

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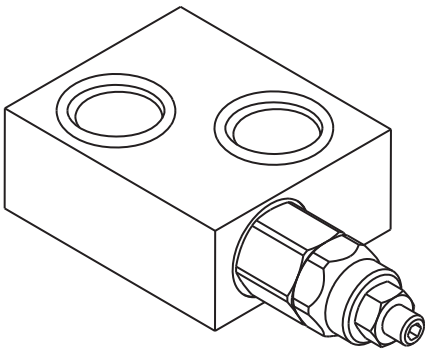
Valvola antiurto semplice effetto flangiabile con vite cava su motori DANFOSS OMS-OMSW-OMSS

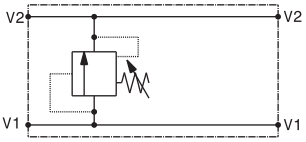
Single effect antishock valve, nipple screw flangeable to DANFOSS OMS-OMSW-OMSS motors

mod. VLP40-S-FMD-VC1

Corpo in alluminio

Aluminium body





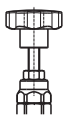
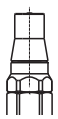
Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*

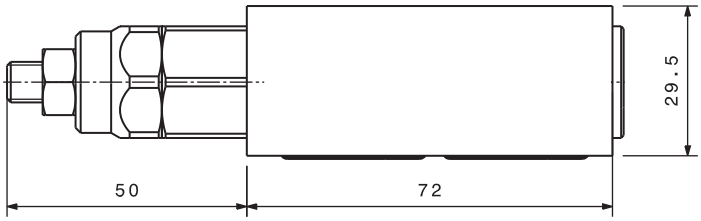
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

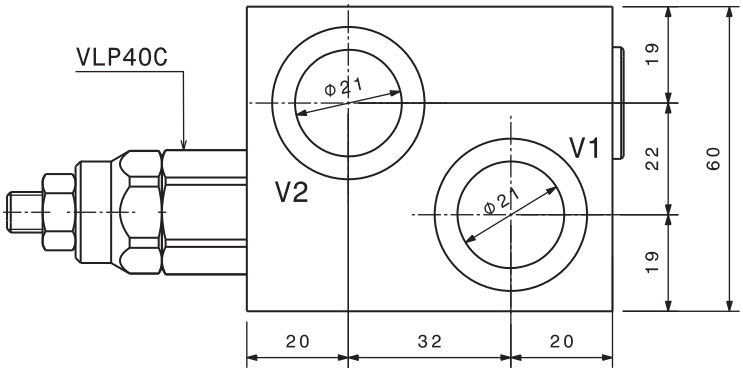
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Regolazioni
Adjustments

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





Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0004

Sigla di ordinazione / Ordering code

VLP40-S-FMD-VC1	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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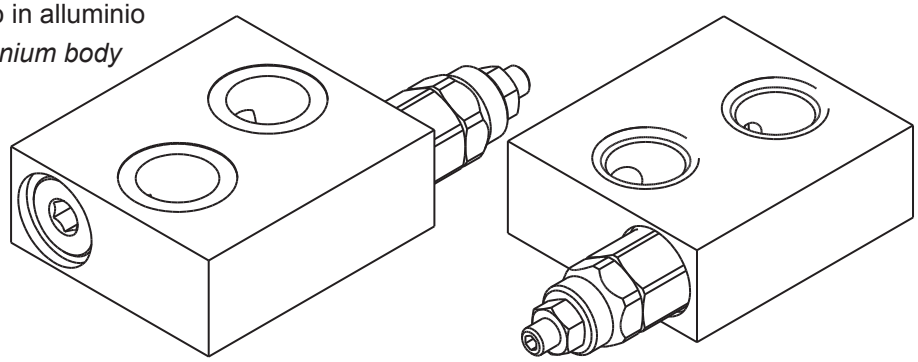
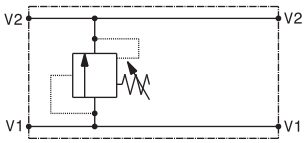
Valvola antiurto semplice effetto flangiabile su motori SAMHYDRAULIK AG-AR
Single effect antishock valve, flangeable to SAMHYDRAULIK AG-AR motors

mod. VLP40-S-FMSH-VC

Corpo in alluminio
Aluminium body





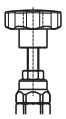
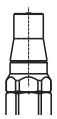
Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*

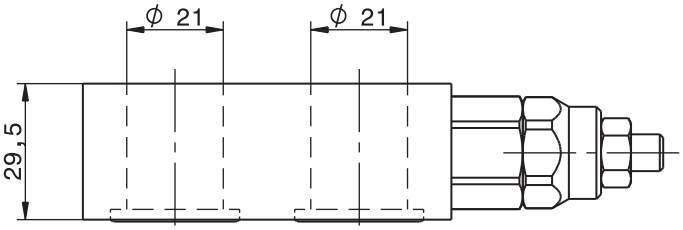
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

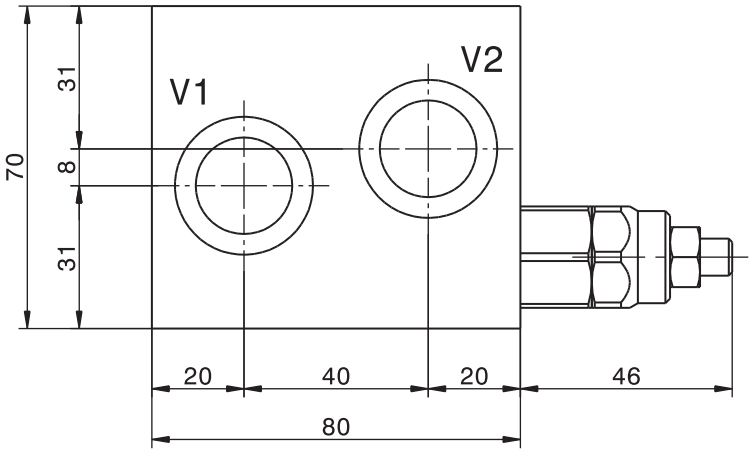
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Regolazioni
Adjustments

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





Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0004

Sigla di ordinazione / Ordering code

VLP40-S-FMSH-VC	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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Aggiornamento / *Update 09-09-2014*

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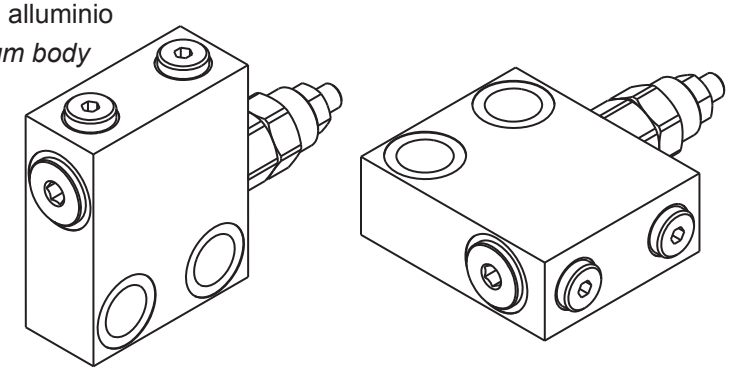
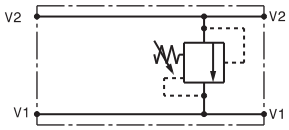
Valvola antiurto semplice effetto flangiabile su motori WHITE
Simple effect antishock valve, flangeable to WHITE motor

mod. VLP80-S-FMW-VC

Corpo in alluminio
Aluminium body





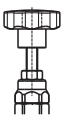
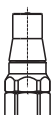
Portata massima *Max flow*	80 l/min *21 gpm*
Pressione massima *Max pressure*	300 bar *4350 psi*

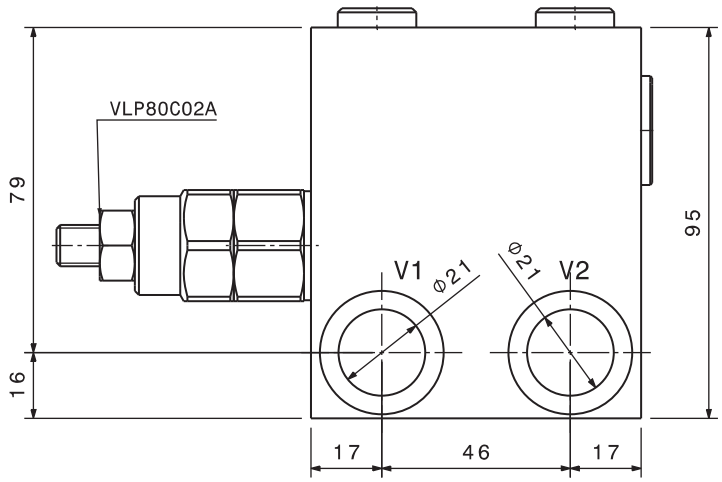
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

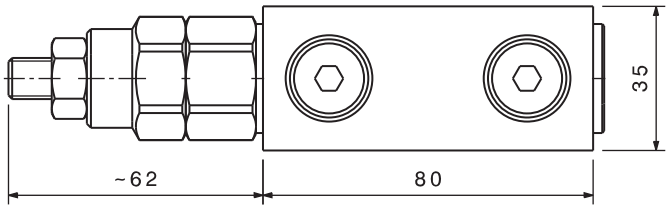
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Regolazioni
Adjustments

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





Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0004

Sigla di ordinazione / Ordering code

VLP80-S-FMW-VC	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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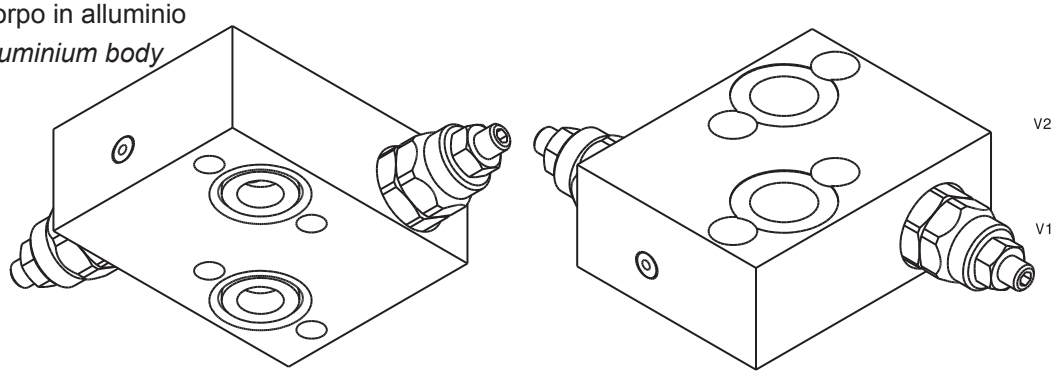
Valvola antiurto doppio effetto flangiabile su motori DANFOSS OMP-OMPL-OMR
Double effect antishock valve, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. VLP40-D-FMD

Corpo in alluminio
Aluminium body



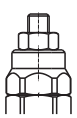
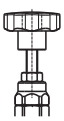
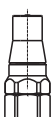
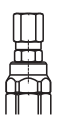
Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*

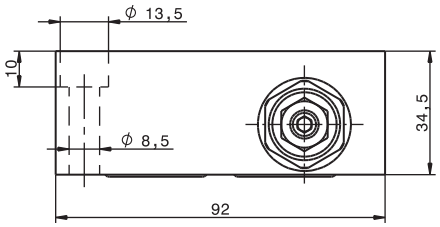
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

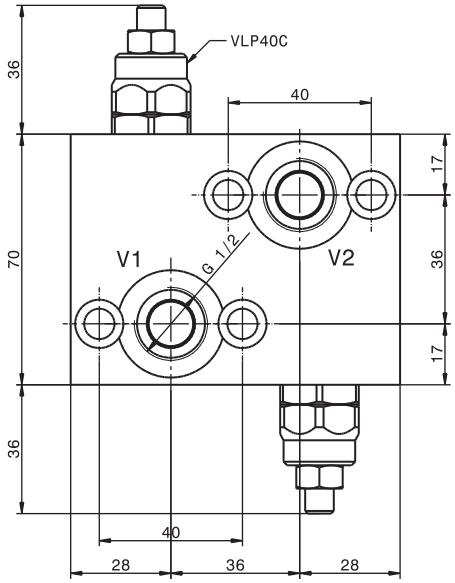
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Regolazioni
Adjustments

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





Sigla di ordinazione / Ordering code

VLP40-D-FMD	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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Aggiornamento / *Update 09-09-2014*

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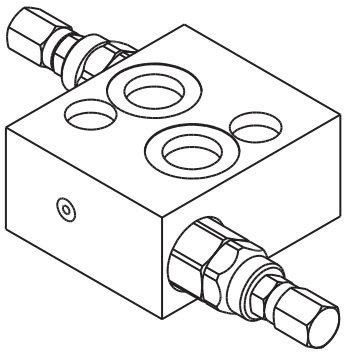
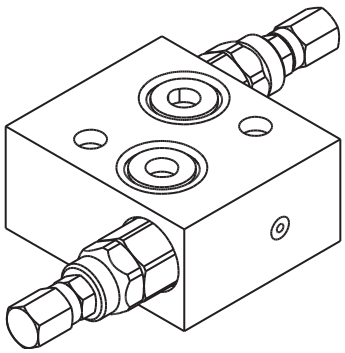
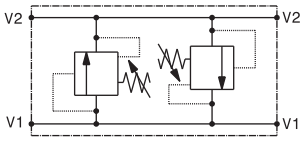
Valvola antiurto doppio effetto flangiabile su motori DANFOSS OMS-OMSW-OMSS
Double effect antishock valve, flangeable to DANFOSS OMS-OMSW-OMSS motors

mod. VLP40-D-FMD1

Corpo in alluminio
Aluminium body





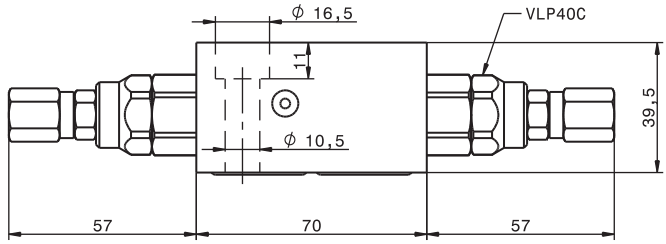


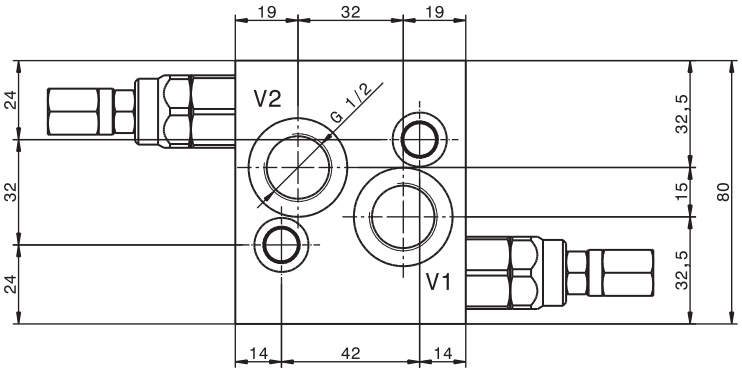
Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4350 psi*

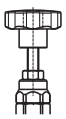
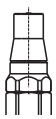
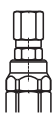
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
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 filitration*	25 µ





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

Sigla di ordinazione / Ordering code

VLP40-D-FMD1	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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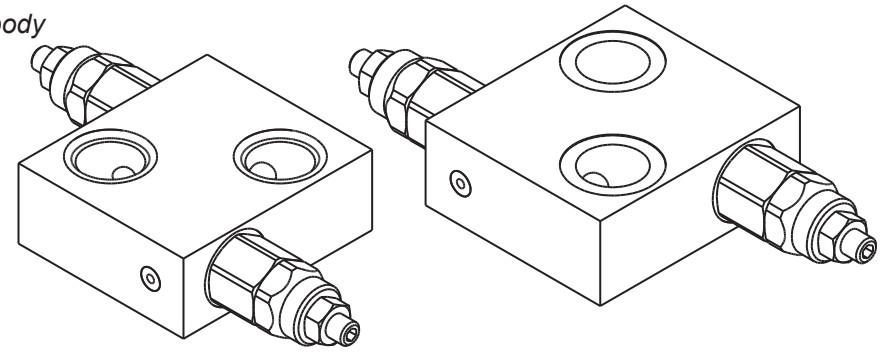
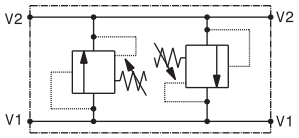
Valvola antiurto doppio effetto flangiabile con vite cava su motori DANFOSS OMP-OMPL-OMR
Double effect antishock valve, nipple screw flangeable to DANFOSS OMP-OMPL-OMR motors

mod. VLP40-D-FMD-VC

Corpo in alluminio
Aluminium body





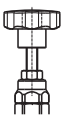
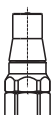
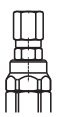
Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*

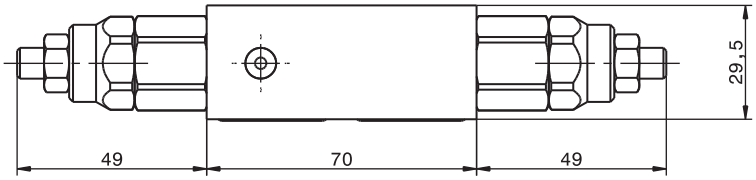
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

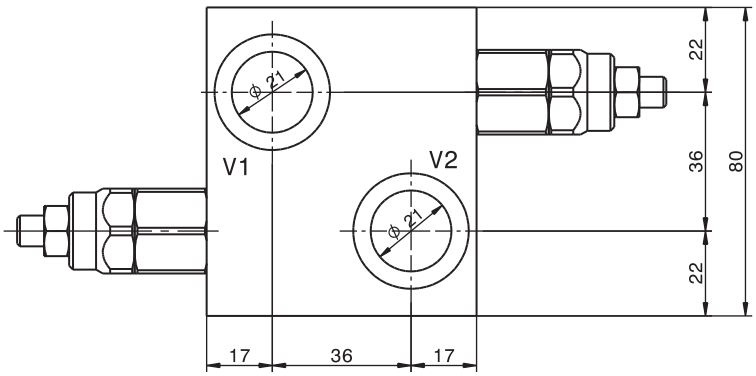
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Regolazioni
Adjustments

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





Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0004

Sigla di ordinazione / Ordering code

VLP40-D-FMD-VC	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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Aggiornamento / *Update 09-09-2014*

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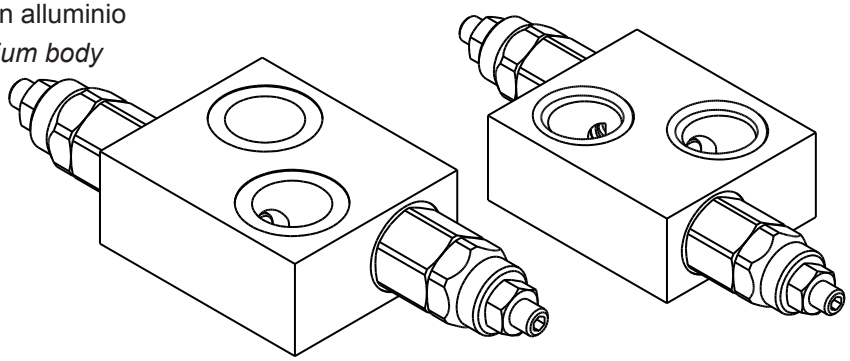
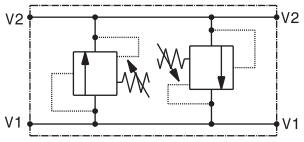
Valvola antiurto doppio effetto flangiabile con vite cava su motori DANFOSS OMS-OMSW-OMSS
Double effect antishock valve, nipple screw flangeable to DANFOSS OMS-OMSW-OMSS motors

mod. VLP40-D-FMD-VC1

Corpo in alluminio
Aluminium body





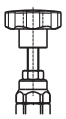
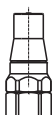
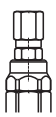
Portata massima *Max flow*	40 l/min *10.5 gp*
Pressione massima *Max pressure*	300 bar *4300 psi*

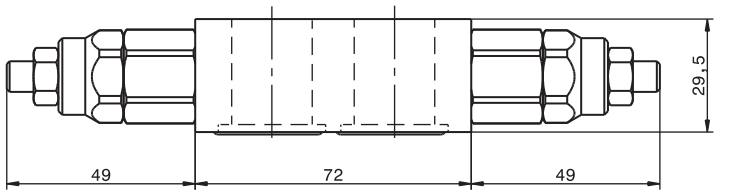
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

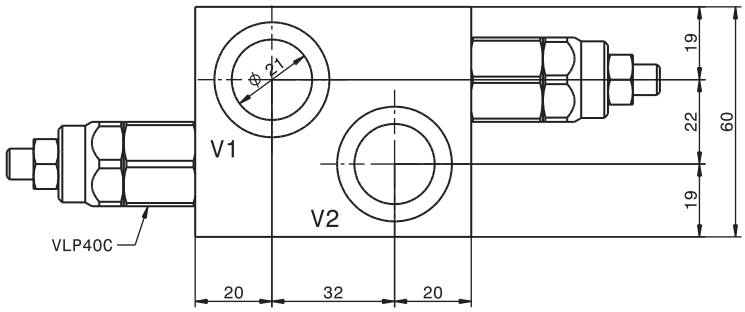
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Regolazioni
Adjustments

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





Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0004

Sigla di ordinazione / Ordering code

VLP40-D-FMD-VC1	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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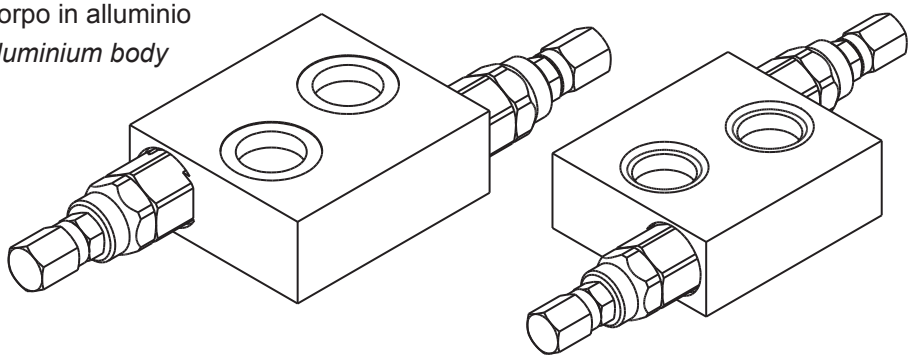
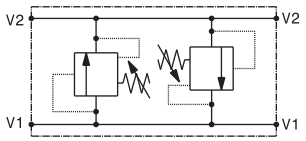
Valvola antiurto doppio effetto flangiabile su motori SAMHYDRAULIK AG-AR
Double effect antishock valve, flangeable to SAMHYDRAULIK AG-AR motors

mod. VLP40-D-FMSH-VC

Corpo in alluminio
Aluminium body



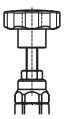
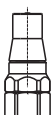


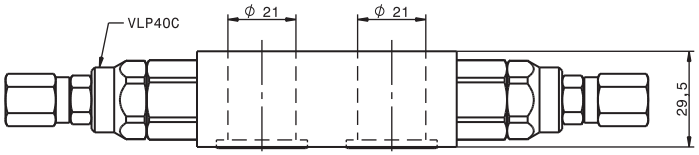
Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4350 psi*

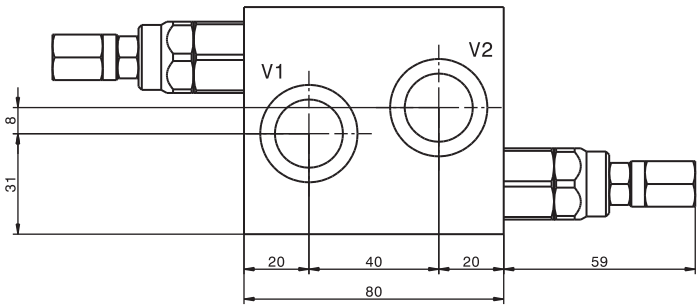
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C *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 filitration*	25 µ

Regolazioni
Adjustments

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





Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0004

Sigla di ordinazione / Ordering code

VLP40-D-FMSH-VC	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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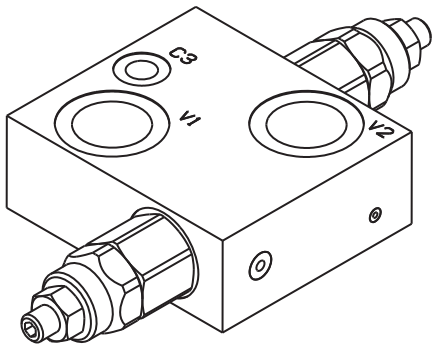
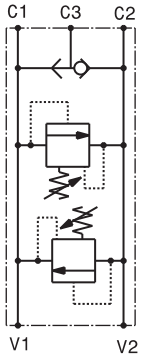
Valvola antiurto doppio effetto flangiabile con vite cava su motori DANFOSS OMP-OMPL-OMR con sblocco freno
Double effect antishock valve with brake unclamping, nipple screw flangeable to DANFOSS OMP-OMPL-OMR motors

mod. VLP40-D-FMD-SF-VC

Corpo in alluminio
Aluminium body





Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4350 psi*

Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
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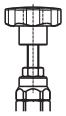
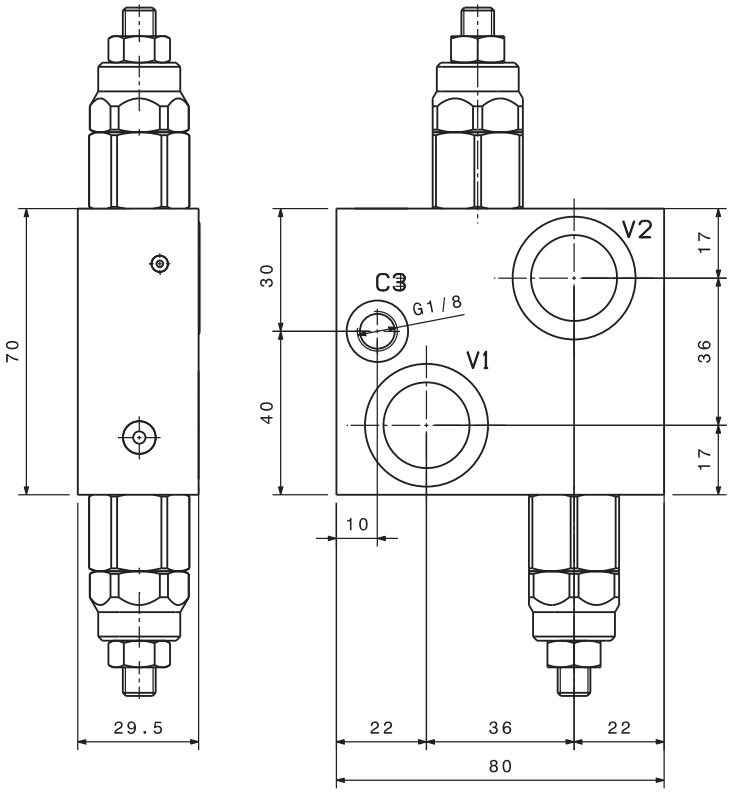
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600 psi***
03	**250 bar** ***3600 psi***	**60÷350 bar** ***870÷5000 psi***

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
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 filitration*	25 µ

Regolazioni
Adjustments

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



Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code* **KITV0004**

Sigla di ordinazione / Ordering code

VLP40-D-FMD-SF-VC	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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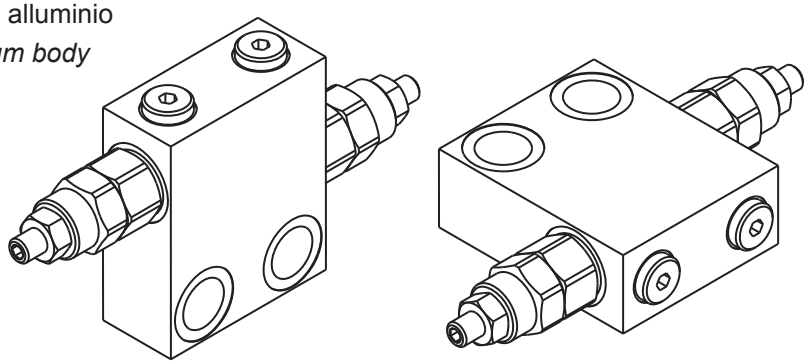
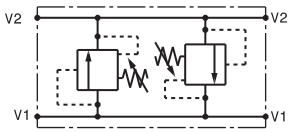
Valvola antiurto doppio effetto flangiabile su motori WHITE
Double effect antishock valve, flangeable to WHITE motor

mod. VLP80-D-FMW-VC

Corpo in alluminio
Aluminium body





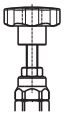
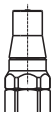
Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4350 psi*

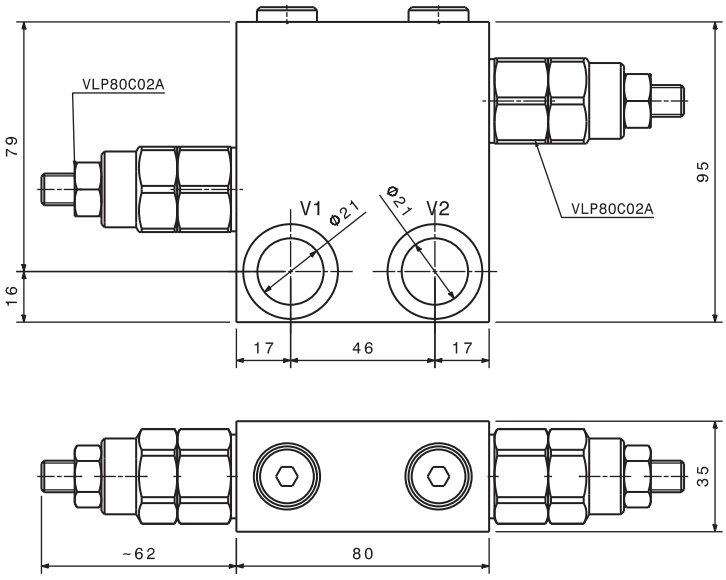
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
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 filitration*	25 µ

Regolazioni
Adjustments

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



Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0004

Sigla di ordinazione / Ordering code

VLP80-D-FMW-VC	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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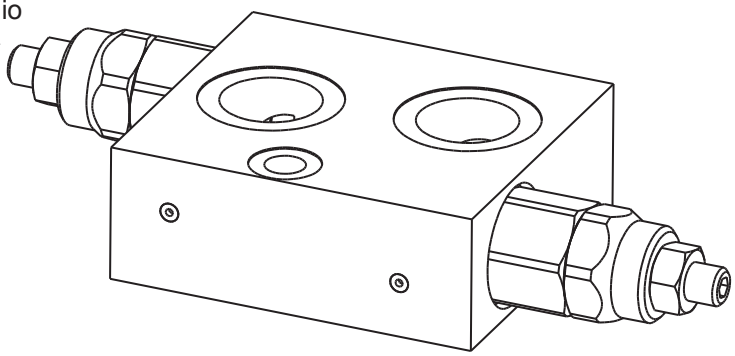
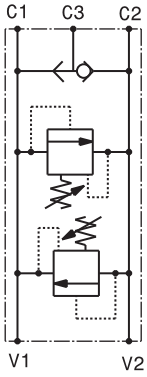
Valvola antiurto doppio effetto flangiabile su motori SAMHYDRAULIK AG-AR con sblocco freno
Double effect antishock valve with brake unclamping, flangeable to SAMHYDRAULIK AG-AR motors

mod. VLP40-D-FMSH-SF-VC

Corpo in alluminio
Aluminium body





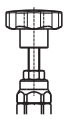
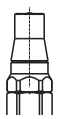
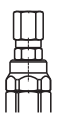
Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4350 psi*

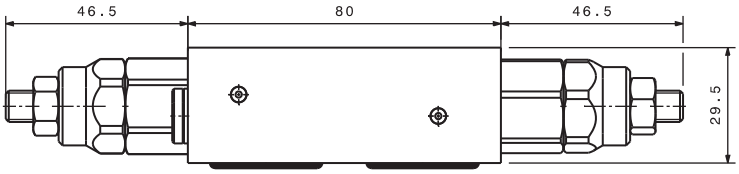
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

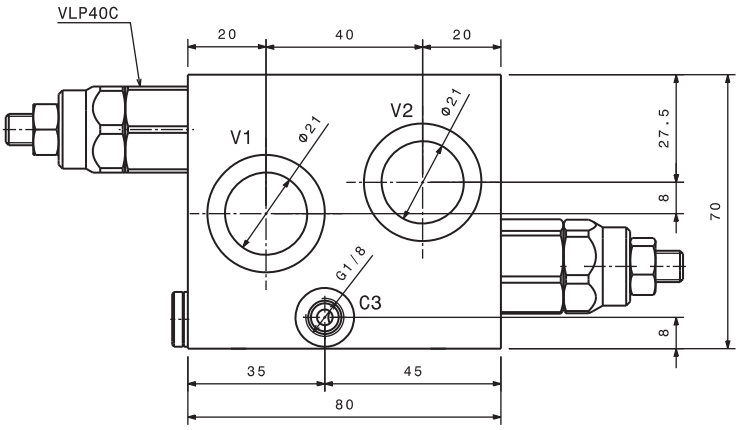
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Regolazioni
Adjustments

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





Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code* **KITV0004**

Sigla di ordinazione / Ordering code

VLP40-D-FMSH-SF-VC	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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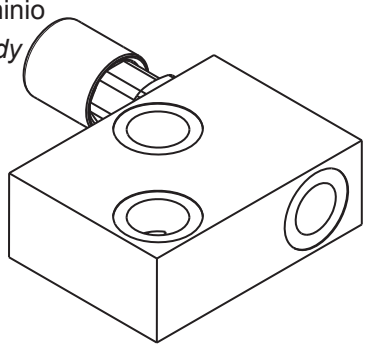
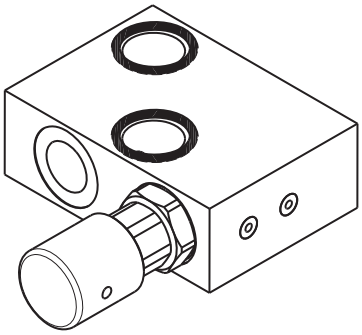
Valvola regolatrice di flusso a tre vie prioritaria flangiabile su motori DANFOSS OMP-OMPL-OMR

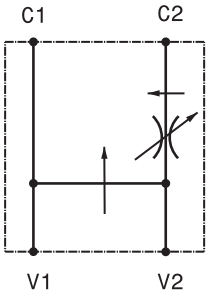
Three ways priority flow regulator, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. RFP50-FMD-VC-12

Corpo in alluminio
Aluminium body



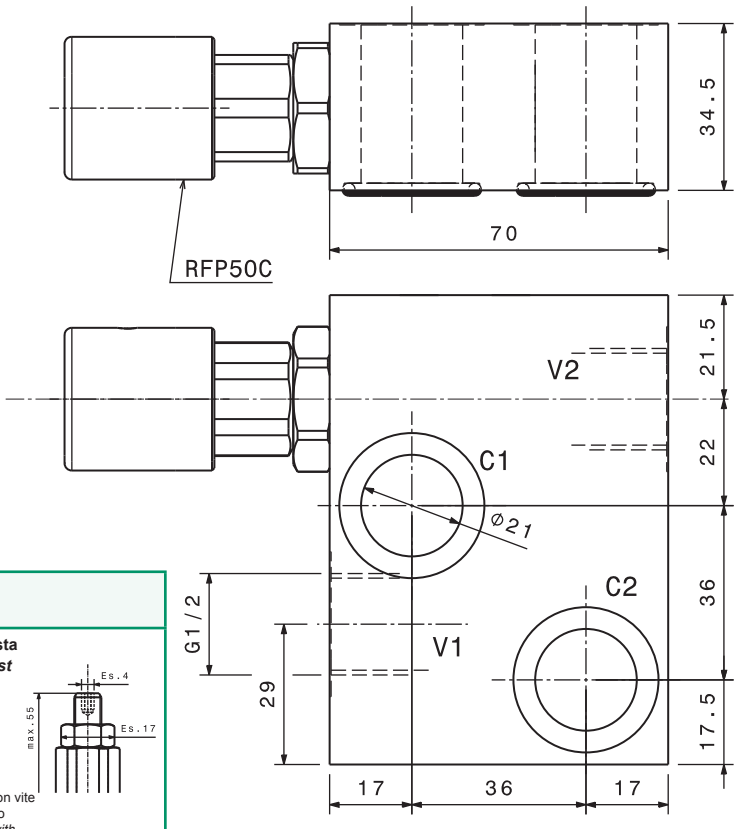




Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*
Portata regolata *Regulated flow*	0 ÷ 25 l/min *0 ÷ 6.6 gpm*

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 filitration*	25 µ

Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0006

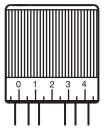


Regolazioni
Adjustments

A

Manopola con vite di bloccaggio
Handknob with locking screw

B



Manopola
Handknob

Su richiesta
On request

Manopola con vite di bloccaggio
Handknob with locking screw

Sigla di ordinazione / Ordering code

RFP50-FMD-VC-12 — A

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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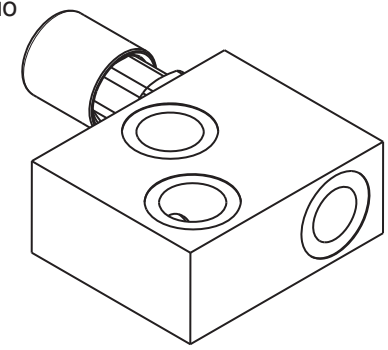
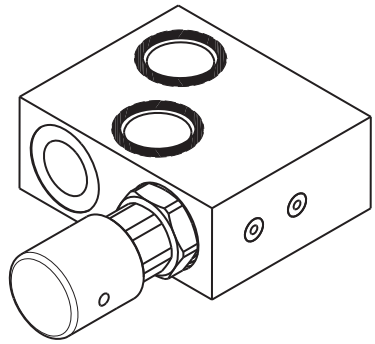
Valvola regolatrice di flusso a tre vie prioritaria flangiabile su motori DANFOSS OMS-OMSW-OMSS

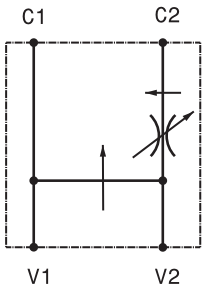
Three ways priority flow regulator, flangeable to DANFOSS OMS-OMSW-OMSS motors

mod. RFP50-FMD-VC-121

Corpo in alluminio
Aluminium body



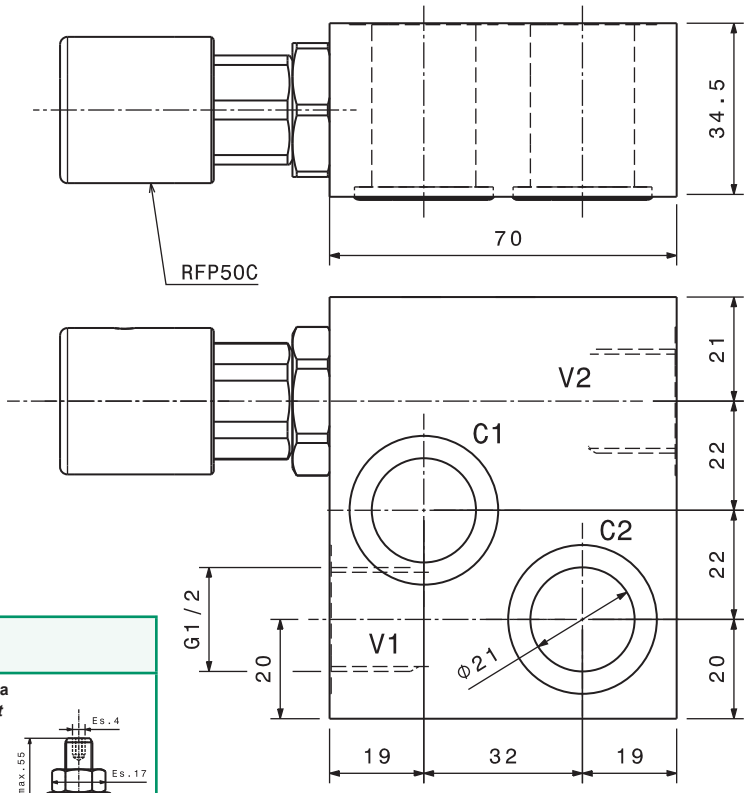




Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*
Portata regolata *Regulated flow*	0 ÷ 25 l/min *0 ÷ 6.6 gpm*

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 filitration*	25 µ

Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0006

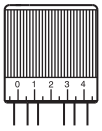


Regolazioni
Adjustments

A

Manopola con vite di bloccaggio
Handknob with locking screw

B



Manopola
Handknob

Su richiesta
On request

Manopola con vite di bloccaggio
Handknob with locking screw

Sigla di ordinazione / Ordering code

RFP50-FMD-VC-121 — A

Modello *Type*	Codice regolazione *Adjustment code* **A, B**

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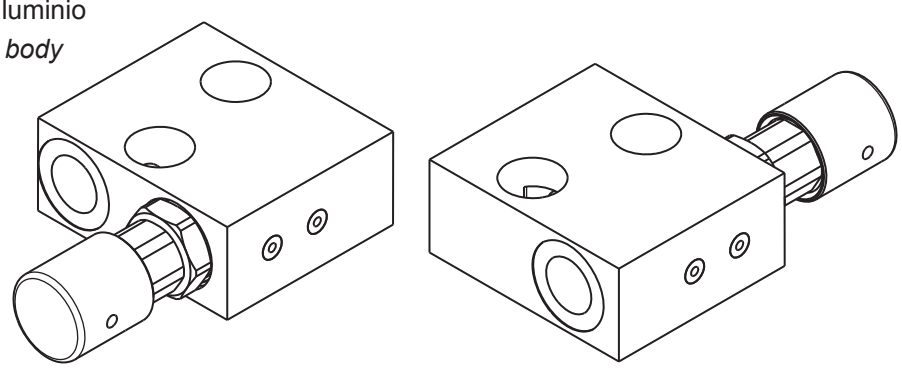
Valvola regolatrice di flusso a tre vie prioritaria flangiabile su motori SAMHYDRAULIK AG-AR

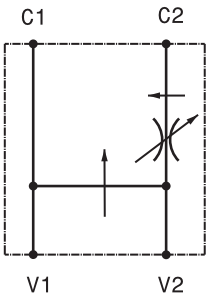
Three ways priority flow regulator, flangeable to SAMHYDRAULIK AG-AR motors

mod. RFP50-FMSH-VC

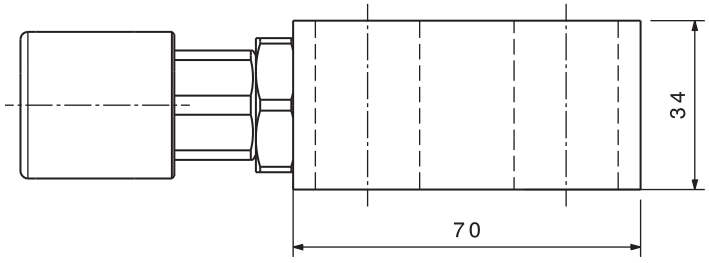
Corpo in alluminio

Aluminium body

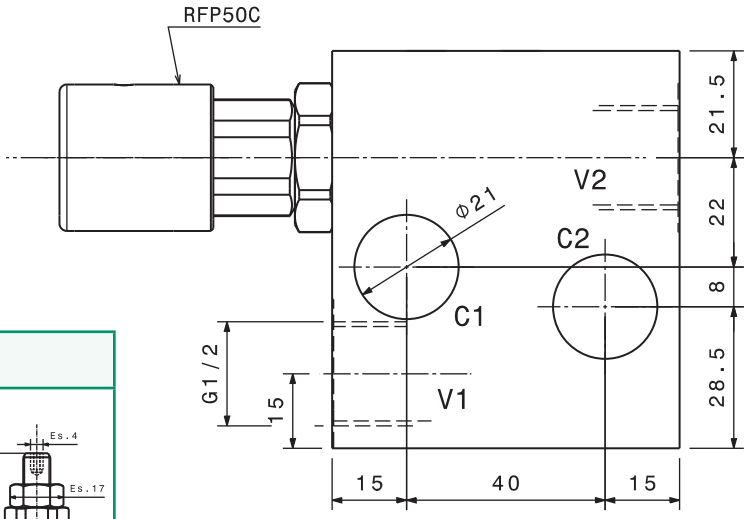




Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*
Portata regolata *Regulated flow*	0 ÷ 25 l/min *0 ÷ 6.6 gpm*



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 filitration*	25 µ



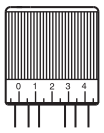
Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0006

Regolazioni
Adjustments

A

Manopola con vite di bloccaggio
Handknob with locking screw

B



Manopola
Handknob

Su richiesta
On request

Manopola con vite di bloccaggio
Handknob with locking screw

Sigla di ordinazione / Ordering code

RFP50-FMSH-VC-12 — A

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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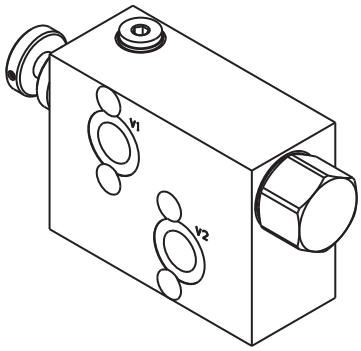
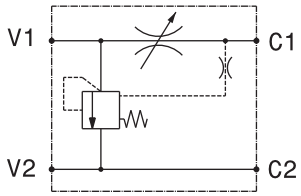
Valvola regolatrice di flusso flangiabile su motori DANFOSS OMP-OMPL-OMR
Three ways flow regulator valve, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. RFA-FMD-12

Corpo in alluminio
Aluminium body



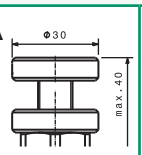


Portata massima *Max flow*	100 l/min *26 gpm*
Pressione massima *Max pressure*	270 bar *3900 psi*

Modello *Type*	Portata regolata *Regulated flow*
RFA-FMD-12	0 ÷ 60 l/min *0 ÷ 16 gpm*
RFA-FMD-30-12	0 ÷ 30 l/min *0 ÷ 8 gpm*

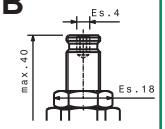
Regolazioni
Adjustments

A



Volantino
Handknob

B



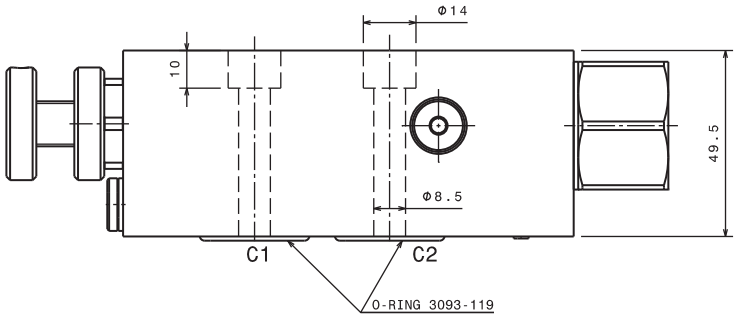
Vite esterna esagono incassato
Leakproof hex socket screw

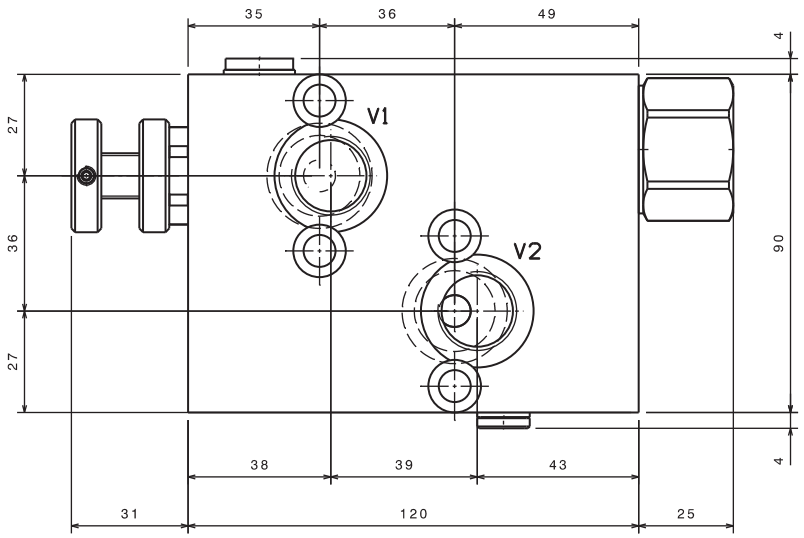
C

Manopola
Handknob

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 filitration*	25 µ





Sigla di ordinazione / Ordering code

RFA-FMD-30-12 — A

Modello *Type*	Codice regolazione *Adjustment code*
RFA-FMD-12 **RFA-FMD-30-12**	**A, B, C**

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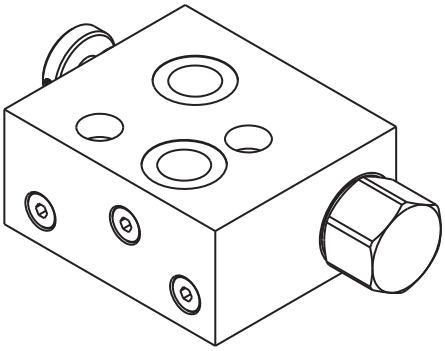
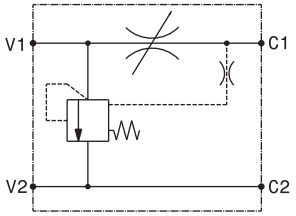
Valvola regolatrice di flusso flangiabile su motori DANFOSS OMS-OMSW-OMSS
Three ways flow regulator valve, flangeable to DANFOSS OMS-OMSW-OMSS motors

mod. RFA-FMD-121

Corpo in alluminio
Aluminium body



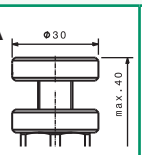


Portata massima *Max flow*	100 l/min *26 gpm*
Pressione massima *Max pressure*	270 bar *3900 psi*

Modello *Type*	Portata regolata *Regulated flow*
RFA-FMD-121	0 ÷ 60 l/min *0 ÷ 16 gpm*
RFA-FMD-30-121	0 ÷ 30 l/min *0 ÷ 8 gpm*

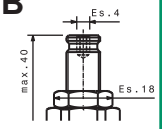
Regolazioni
Adjustments

A



Volantino
Handknob

B



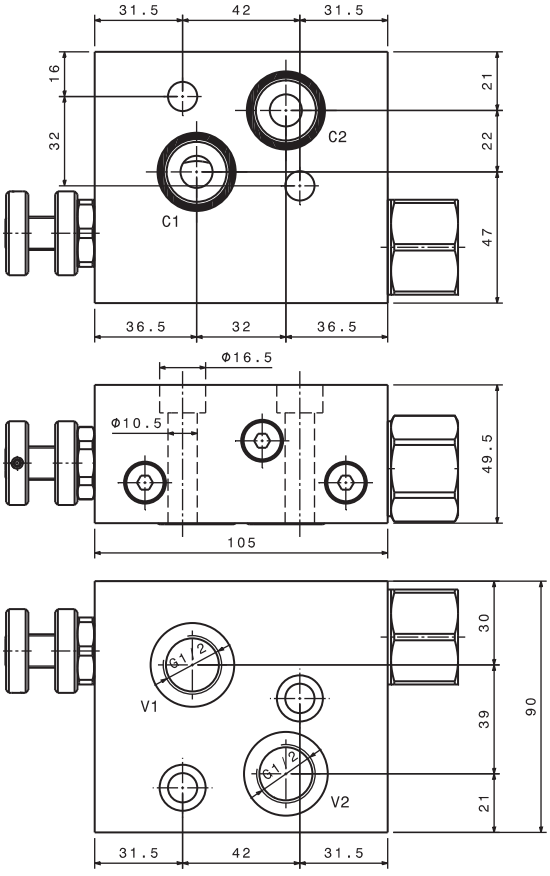
Vite esterna esagono incassato
Leakproof hex socket screw

C

Manopola
Handknob

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 filitration*	25 µ



Sigla di ordinazione / Ordering code

RFA-FMD-30-121 — A

Modello *Type* **RFA-FMD-121** **RFA-FMD-30-121**	Codice regolazione *Adjustment code* **A, B, C**

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 09-09-2014*

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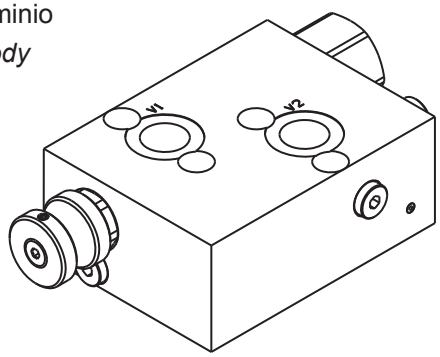
Valvola regolatrice di flusso, con VLP, flangiabile su motori DANFOSS OMP-OMPL-OMR

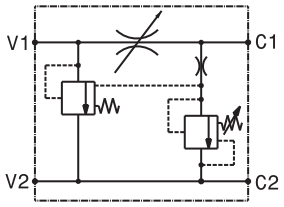
Three ways flow regulator valve,with VPL, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. RFA-VLP10-FMD-12

Corpo in alluminio

Aluminium body



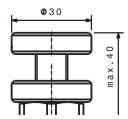


Portata massima *Max flow*	100 l/min *26 gpm*
Pressione massima *Max pressure*	270 bar *3900 psi*

Modello *Type*	Portata regolata *Regulated flow*
RFA-VLP10-FMD-12	0 ÷ 60 l/min *0 ÷ 16 gpm*

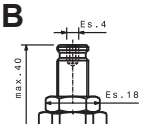
Regolazioni
Adjustments

A



Volantino
Handknob

B



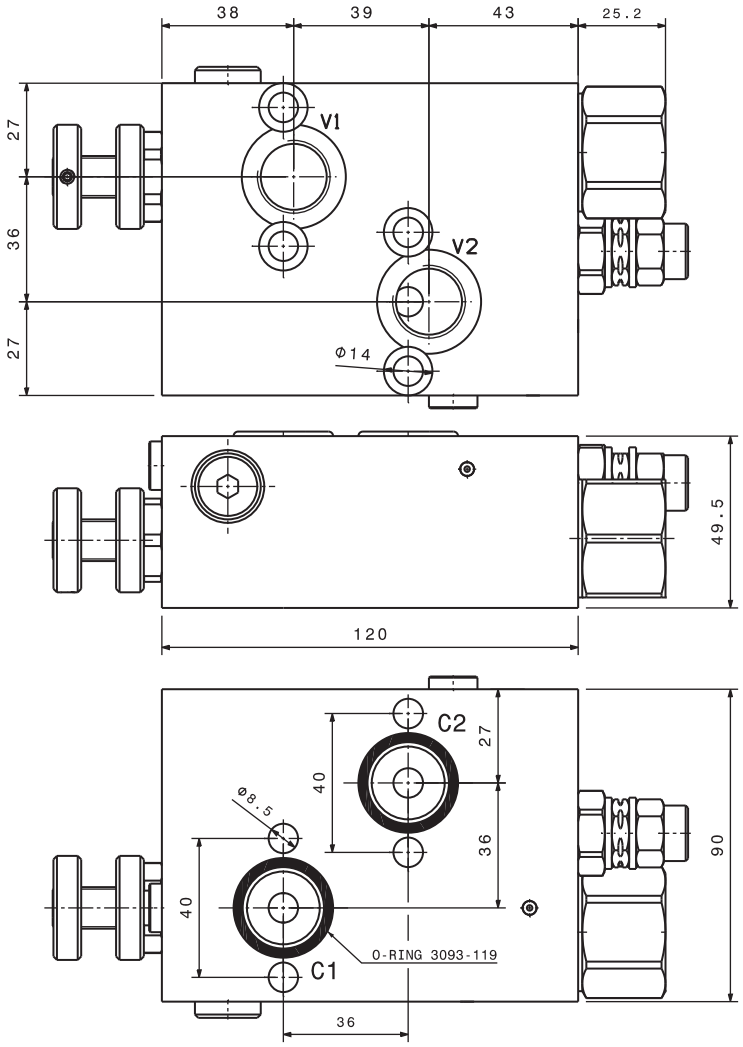
Vite esterna esagono incassato
Leakproof hex socket screw

C

Manopola
Handknob

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 filitration*	25 µ



Sigla di ordinazione / Ordering code

RFA-VLP10-FMD-12 — A

Modello *Type* **RFA-VLP10-FMD-12**	Codice regolazione *Adjustment code* **A, B, C**

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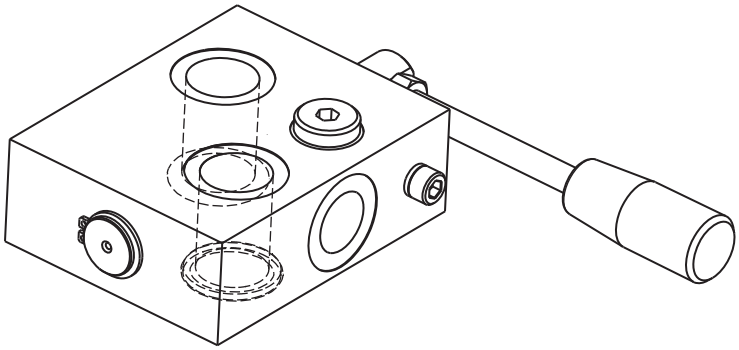
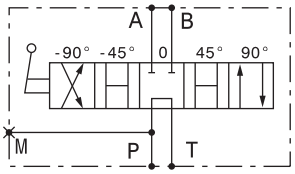
Rotodeviatore flangiabile su motori DANFOSS OMP-OMPL-OMR
Rotating distributor, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. RTD-FMD-VC-12

Corpo in alluminio
Aluminium body



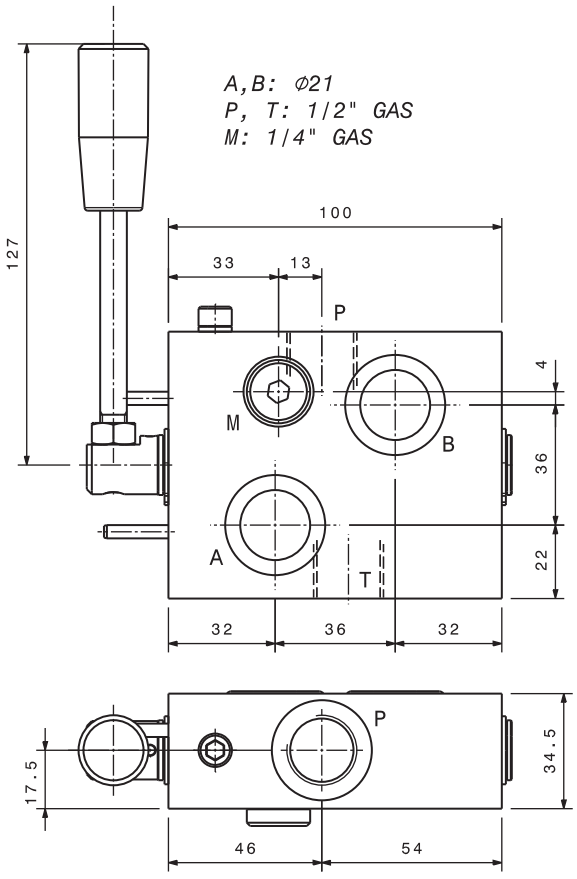


Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*

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 filitration*	25 µ

Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0006

Coppia di serraggio *Installation torque*	65 ÷ 70 Nm 49 ÷ 53 lb ft



Sigla di ordinazione / Ordering code

RTD-FMD-VC-12

Modello
Type

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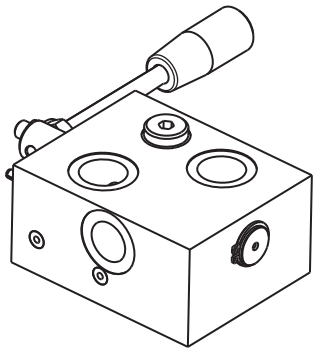
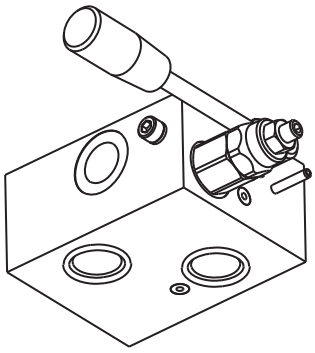
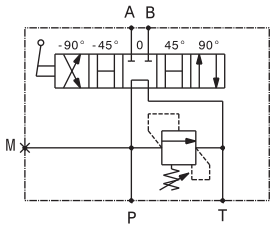
Rotodeviatore con valvola limitatrice di pressione flangiabile su motori DANFOSS OMP-OMPL-OMR
Rotating distributor with relief valve, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. RTD-FMD-VC-VLP40-12

Corpo in alluminio
Aluminium body





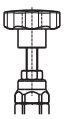
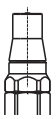


Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	300 bar *4350 psi*

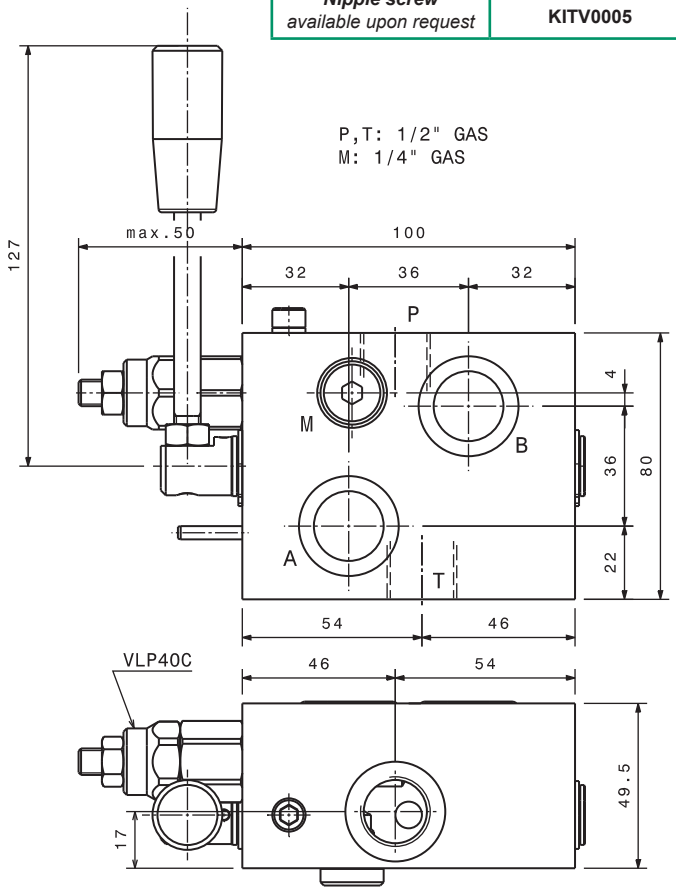
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
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 filitration*	25 µ

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

Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0005



Coppia di serraggio *Installation torque*	80 ÷ 90 Nm 60 ÷ 67 lb ft

Sigla di ordinazione / Ordering code

RTD-FMD-VC-VLP40-12	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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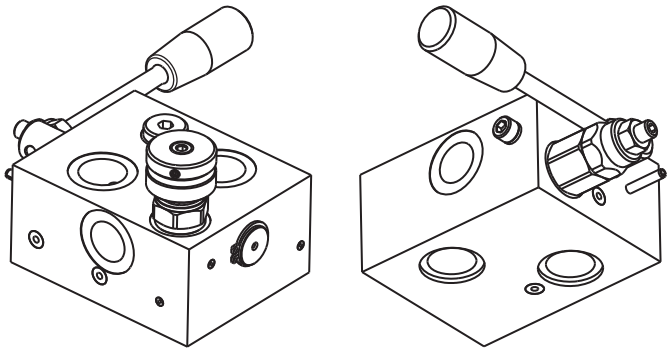
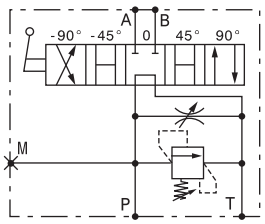
Rotodeviatore con valvola limitatrice di pressione e strozzatore flangiabile su motori DANFOSS OMP-OMPL-OMR

Rotating distributor with relief and needle valve, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. RTD-FMD-VC-VLP40-ST-12

Corpo in alluminio
Aluminium body

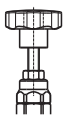
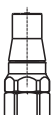




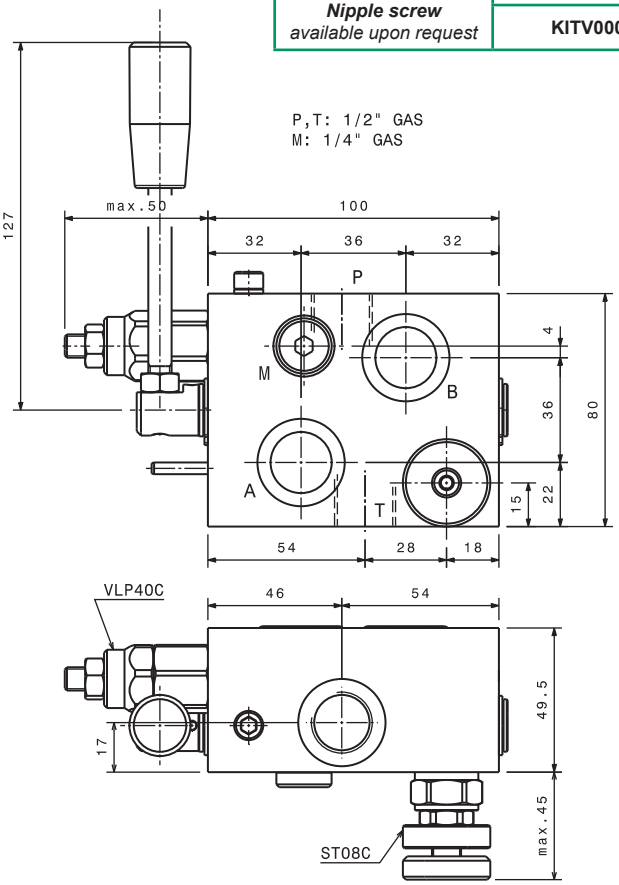
Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*

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

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C *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 filitration*	25 µ

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

Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0005



Coppia di serraggio *Installation torque*	80 ÷ 90 Nm 60 ÷ 67 lb ft

Sigla di ordinazione / Ordering code

RTD-FMD-VC-VLP40-ST-12	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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Aggiornamento / *Update 09-09-2014*

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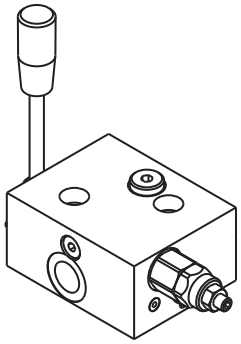
Rotodeviatore con valvola limitatrice di pressione flangiabile su motori DANFOSS OMS-OMSW-OMSS

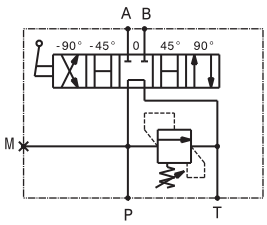
Rotating distributor with relief valve, flangeable to DANFOSS OMS-OMSW-OMSS motors

mod. RTD-FMD-VLP40-121

Corpo in alluminio

Aluminium body

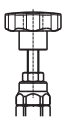
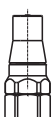


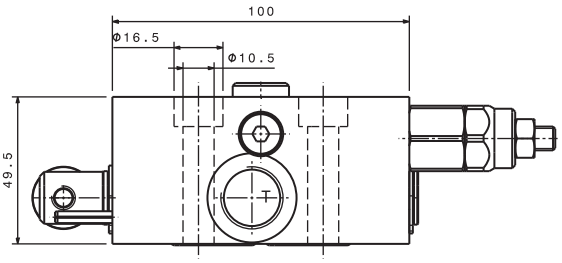


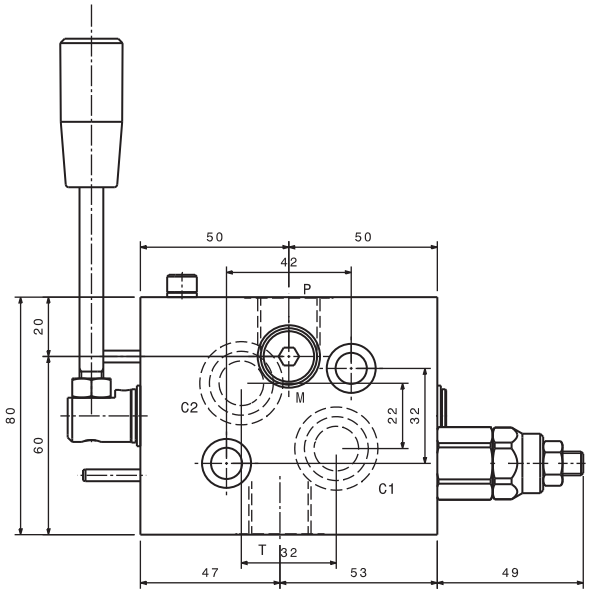
Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*

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

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C *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 filitration*	25 µ

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





Coppia di serraggio *Installation torque*	80 ÷ 90 Nm 60 ÷ 67 lb ft

Sigla di ordinazione / Ordering code

RTD-FMD-VLP40-121	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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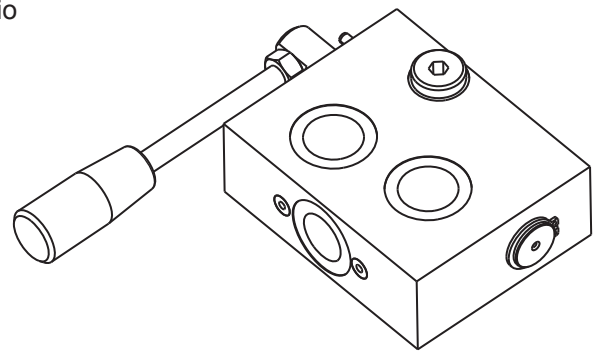
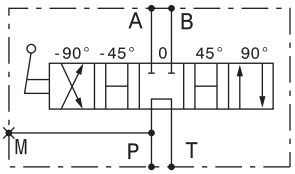
Rotodeviatore flangiabile su motori SAMHYDRAULIK AG-AR
Rotating distributor, flangeable to SAMHYDRAULIK AG-AR motors

mod. RTD-FMSH-VC-12

Corpo in alluminio
Aluminium body



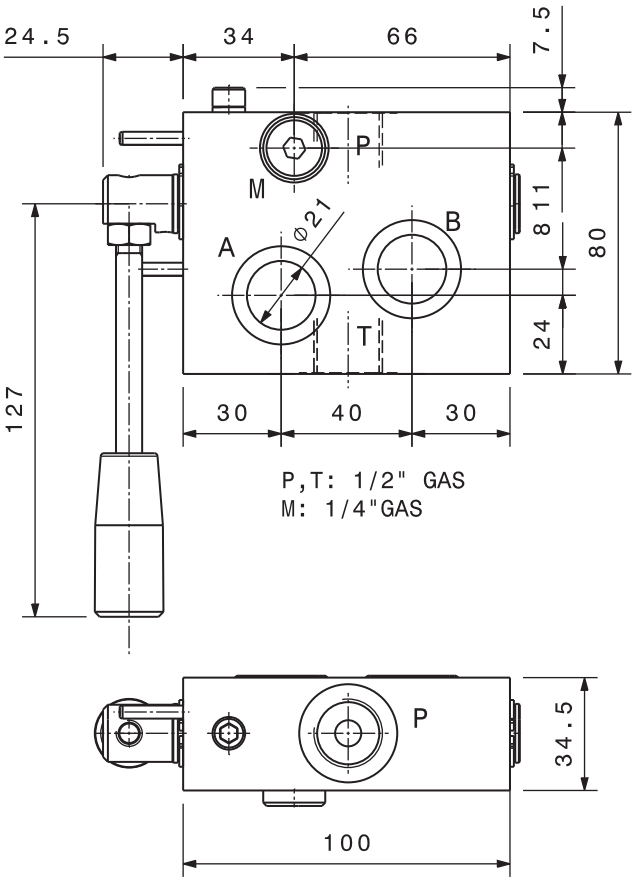


Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*

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 filitration*	25 µ

Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0006

Coppia di serraggio *Installation torque*	65 ÷ 70 Nm 49 ÷ 53 lb ft



Sigla di ordinazione / Ordering code

RTD-FMSH-VC-12

Modello
Type

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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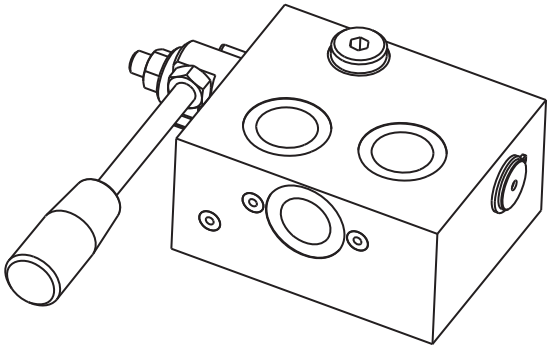
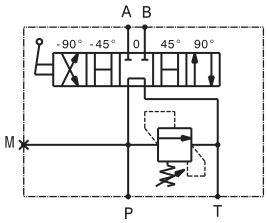
Rotodeviatore con valvola limitatrice di pressione flangiabile su motori SAMHYDRAULIK AG-AR

Rotating distributor with relief valve, flangeable to SAMHYDRAULIK AG-AR motors

mod. RTD-FMSH-VC-VLP40-12

Corpo in alluminio
Aluminium body





Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*

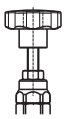
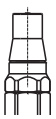
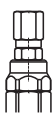
Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0005

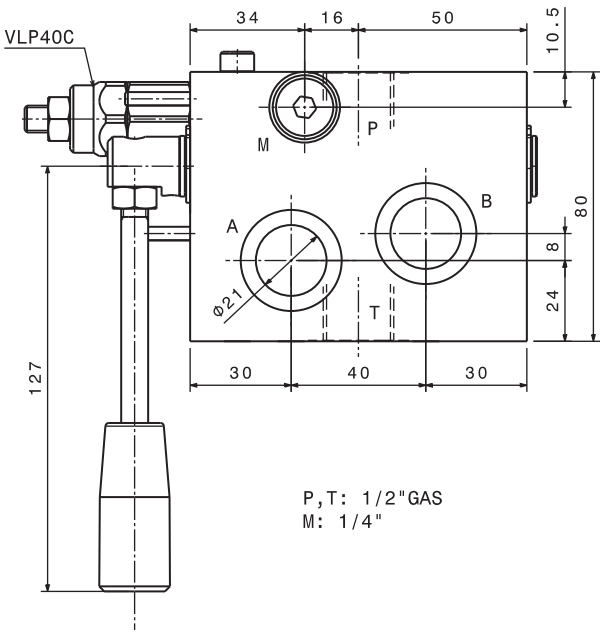
Taratura *Setting*		
Codice *Code*	Taratura standard *Standard setting* **(Q=5 l/min)**	Campo di taratura *Adj. Pressure range*
00	**40 bar** ***580 psi***	**5÷40 bar** ***72.5÷580 psi***
01	**80 bar** ***1160 psi***	**20÷100 bar** ***290÷1450 psi***
02	**180 bar** ***2600 psi***	**40÷250 bar** ***580÷3600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

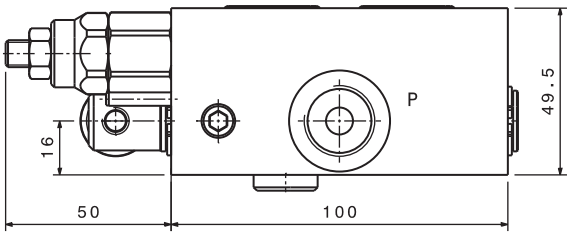
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Regolazioni
Adjustments

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





Coppia di serraggio *Installation torque*	80 ÷ 90 Nm 60 ÷ 67 lb ft

Sigla di ordinazione / Ordering code

RTD-FMSH-VC-VLP40-12	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

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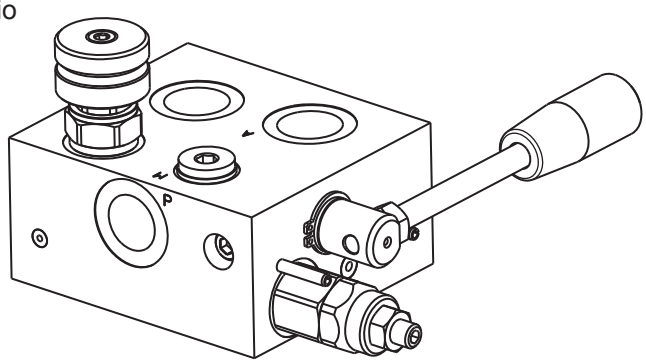
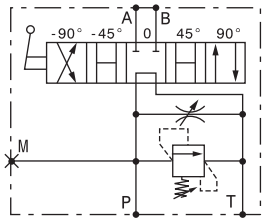
Rotodeviatore con valvola limitatrice di pressione e strozzatore flangiabile su motori SAMHYDRAULIK AG-AR
Rotating distributor with relief and needle valve, flangeable to SAMHYDRAULIK AG-AR motors

mod. RTD-FMSH-VC-VLP40-ST-12

Corpo in alluminio
Aluminium body





Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	300 bar *4300 psi*

Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0005

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

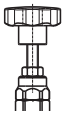
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performaces and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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

Regolazioni
Adjustments

A

Vite esterna esagono incassato
Leakproof hex socket screw

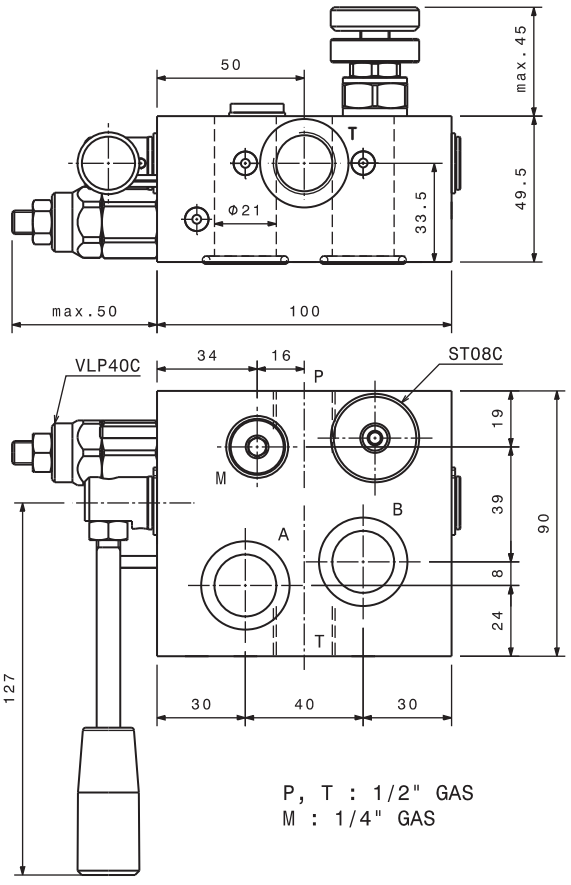
B

Volantino e dado
Handknob and locknut

C

Piombatura
Sealing cap

D

Cappellotto
Cap



Coppia di serraggio *Installation torque*	80 ÷ 90 Nm 60 ÷ 67 lb ft

Sigla di ordinazione / Ordering code

RTD-FMSH-VC-VLP40-ST-12	02	A
Modello *Type*	Codice di taratura *Setting code* **00, 01, 02, 03**	Codice regolazione *Adjustment code* **A, B, C, D**

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 09-09-2014*

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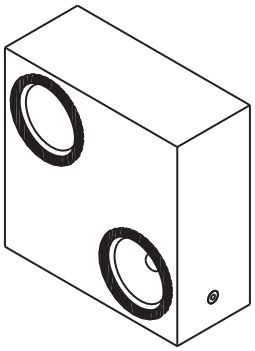
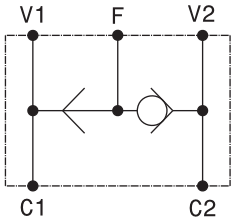
Valvola selettrice flangiabile su motori DANFOSS OMP-OMPL-OMR
Shuttle valve, flangeable to DANFOSS OMP-OMPL-OMR motors

mod. VS-FMD-VC

Corpo in alluminio
Aluminium body

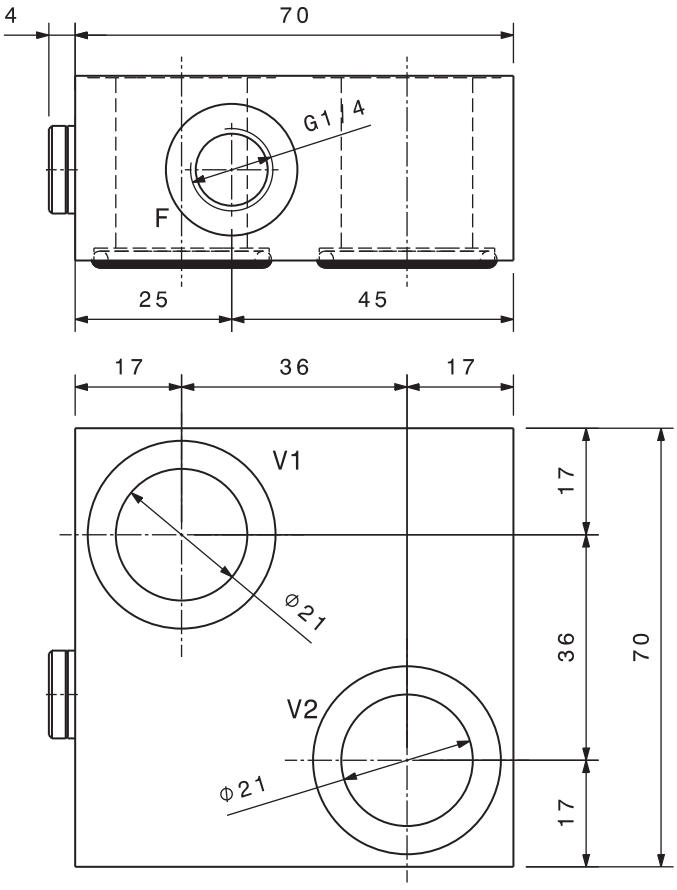




Portata massima *Max flow*	60 l/min *16 gpm*
Pressione massima *Max pressure*	270 bar *3900 psi*

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 filitration*	25 µ

Vite cava disponibile a richiesta ***Nipple screw*** *available upon request*	Codice di ordinazione *Ordering Code*
	KITV0004



Sigla di ordinazione / Ordering code

VS-FMD-VC

Modello
Type

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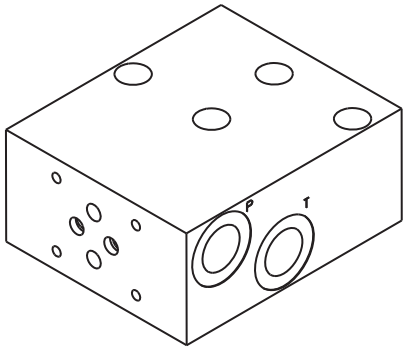
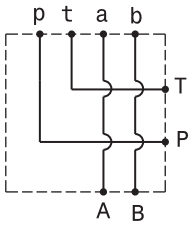
Base per elettrovalvole flangiabile su motori DANFOSS OMP-OMR - luce 6
Sub-plate for solenoid valves, flangeable to DANFOSS OMP-OMR motors - NG 6

mod. BEC3-FMD-1-12

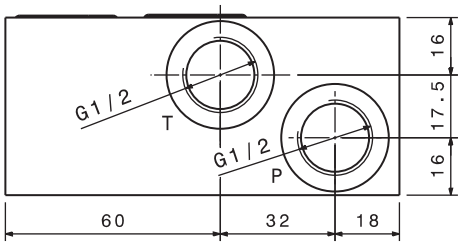


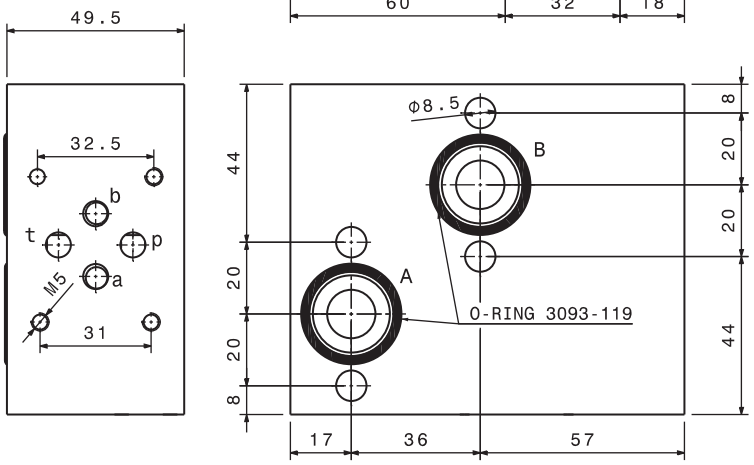


Corpo in alluminio
Aluminium body

Portata massima *Max flow*	40 l/min *10.5 gpm*
Pressione massima *Max pressure*	280 bar *4060 psi*

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 filitration*	25 µ





Sigla di ordinazione / Ordering code

BEC3-FMD-1-12

Modello
Type

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Aggiornamento / *Update 07-08-2015*