



CBF  
Montaggio modulare  
Valvole luce 10



 HYDRAULIC  
COMPONENTS  
& FLUID CONTAMINATION  
CONTROL

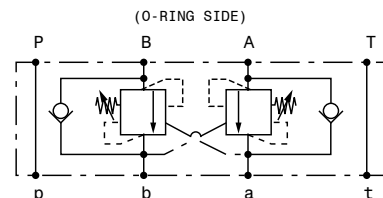
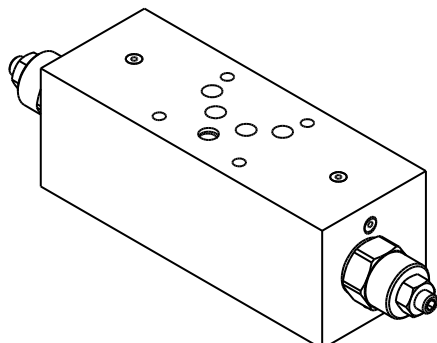


All trademarks belong to their respective owners; third party trademarks, product names, trade names, corporate names and company names mentioned may be trademarks of their respective owners or registered trademarks of other companies and are used for instructional purposes and for the benefit of the owner, without any end of Copyright infringement in force.

Tutti i marchi riportati appartengono ai legittimi proprietari; marchi di terzi, nomi di prodotti, nomi commerciali, nomi corporativi e società citati possono essere di proprietà dei rispettivi titolari o registrati da altre società e sono stati utilizzati a puro scopo esplicativo e a beneficio del possessore, senza alcun fine di violazione dei diritti di Copyright vigenti.

Valvola overcentre doppio effetto modulare – luce 10  
 Double effect overcentre valve, sandwich mounting – NG10

mod. OVC-DE-F-C5



Corpo in alluminio  
 Aluminium body

Portata massima Max flow	80 l/min 21 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

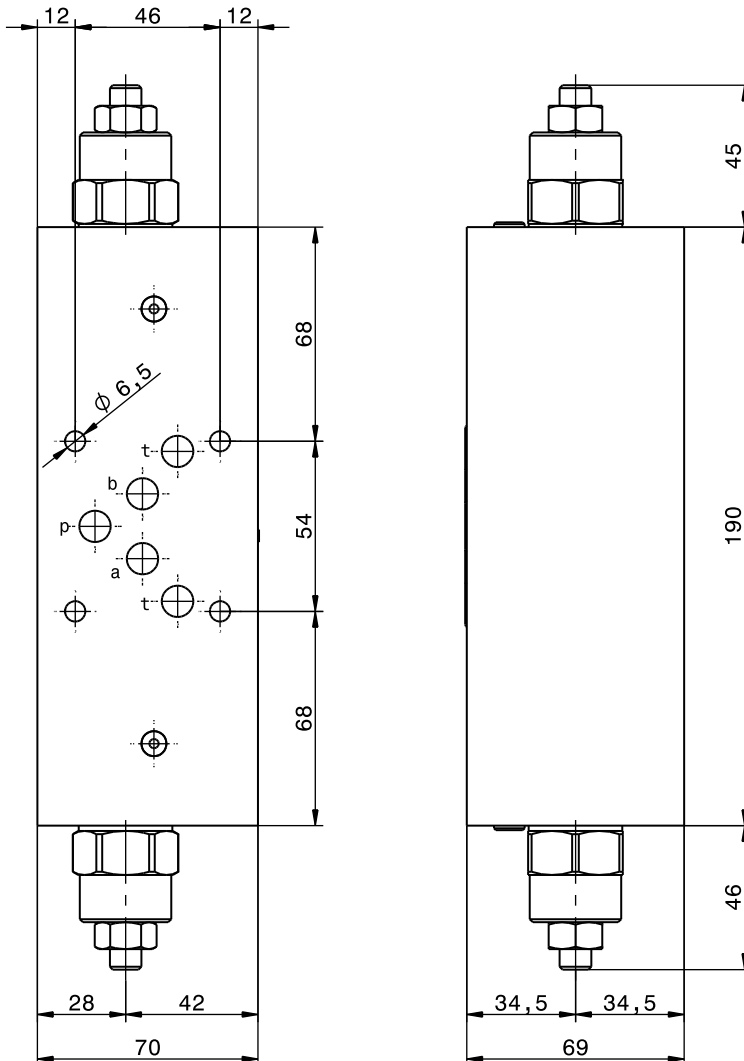
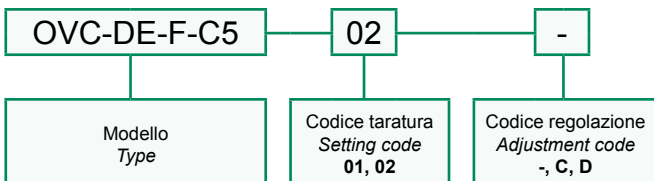
<b>Taratura Setting</b>	La valvola deve essere tarata almeno 1.3 volte la massima pressione indotta dal carico The valve must be set at least 1.3 times maximum load induced pressure		
Codice Code	Taratura standard Standard setting (Q=5 l/min)	Campo di taratura Adj. Pressure range	Colore molla Spring color
01	100 bar 1450 psi	20÷200 bar 290÷2900 psi	Bianco White
02	280 bar 4060 psi	50÷350 bar 725÷5075 psi	Nero Black

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

**Regolazioni  
Adjustments**

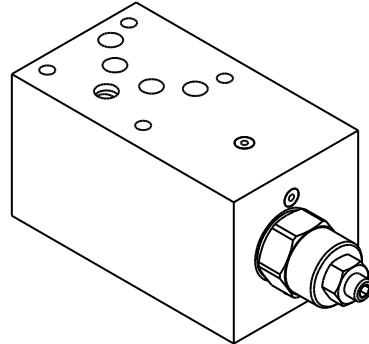
-	C	D
Vite esterna esagono incassato Leakproof hex socket screw	Piombatura Sealing cap	Cappello Cap

Sigla di ordinazione / Ordering code

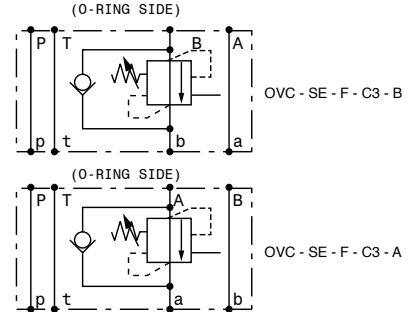


I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Valvola overcentre semplice effetto modulare – luce 10  
 Single effect overcentre valve, sandwich mounting – NG10  
 mod. OVC-SE-F-C5

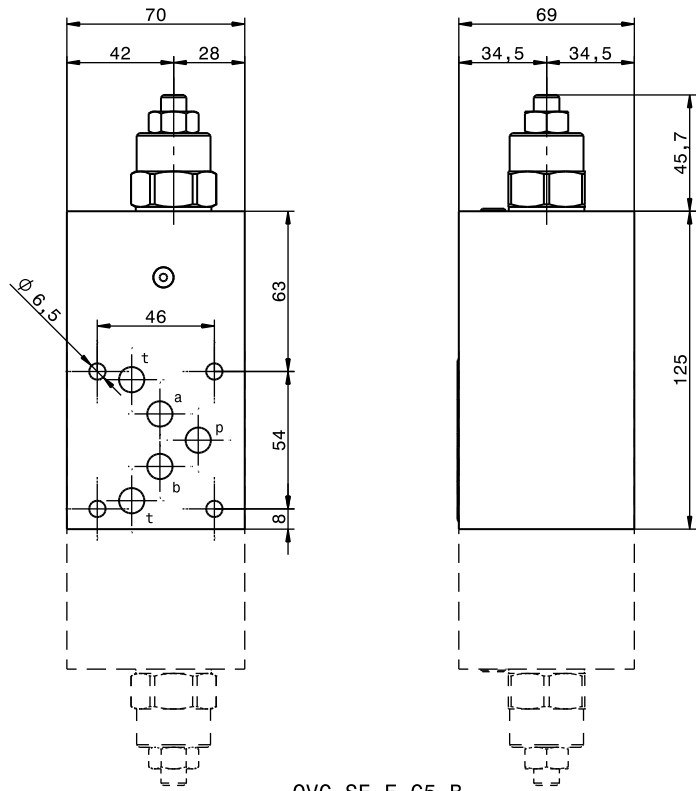


Corpo in alluminio  
 Aluminium body



Portata massima Max flow	80 l/min 21 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		
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 4050 psi	50÷350 bar 725÷5075 psi	Nero Black
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C			
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt		
Temperature di lavoro Working temperature	-20 ÷ +90 °C		
Filtrazione assoluta Absolute filtration	25 µ		

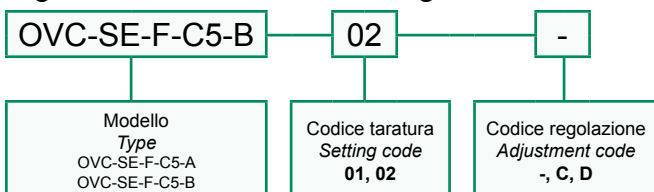
OVC-SE-F-C5-A



OVC-SE-F-C5-B

Regolazioni Adjustments		
- 	C 	D 
Vite esterna esagono incassato Leakproof hex socket screw	Piombatura Sealing cap	Cappello Cap

Sigla di ordinazione / Ordering code

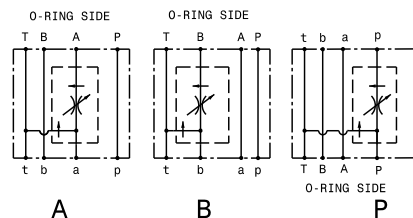
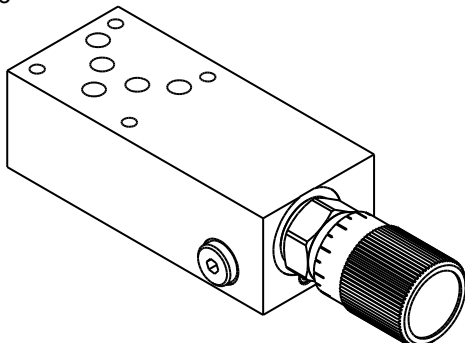


I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso a tre vie prioritaria modulare – luce 10  
Three ways priority flow regulator, sandwich mounting – NG10

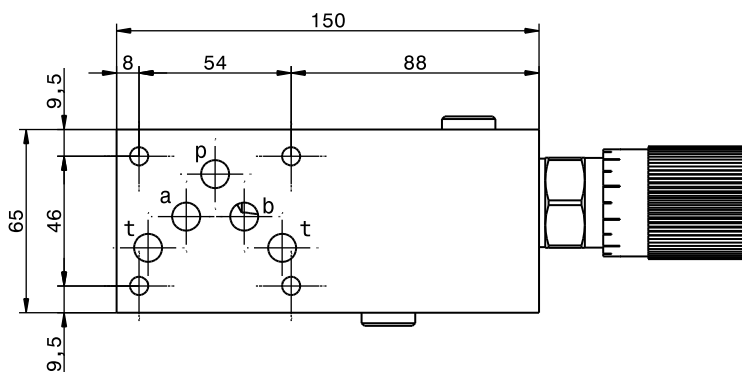
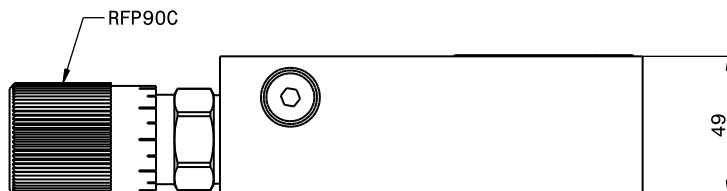
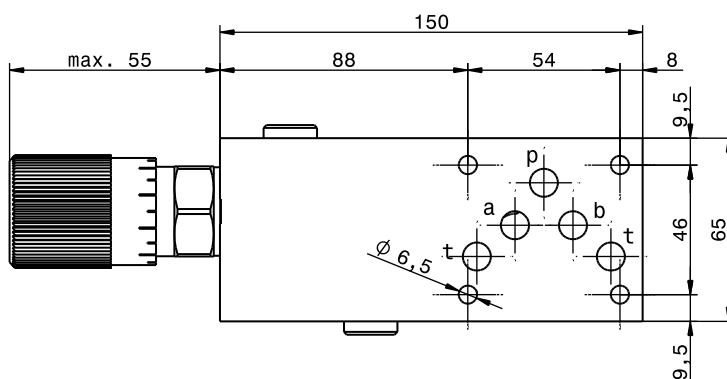
mod. RFP90-F-C5

Corpo in alluminio  
Aluminum body



Schema idraulico  
Hydraulic scheme

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



Regolazioni Adjustments

**A**

Vite esterna esagono incassato  
Leakproof hex socket screw

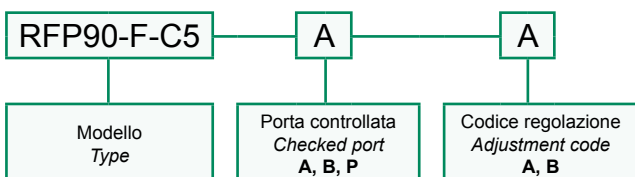
**B**

Manopola Handknob

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

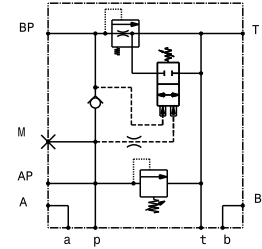
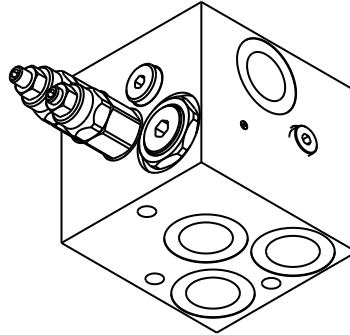
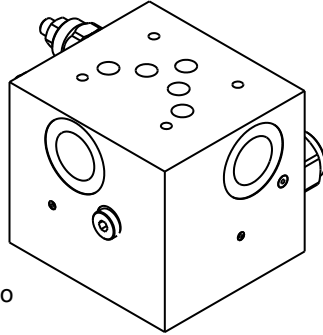
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Sigla di ordinazione / Ordering code



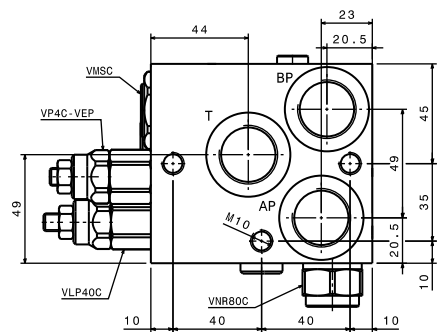
I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Valvola di esclusione alta-bassa pressione modulare – NG10  
 High - low pressure, relief and unloading valve – NG10  
 mod. VEP-BEC5

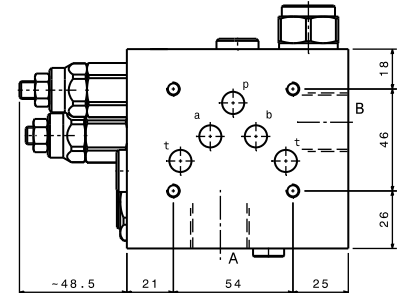
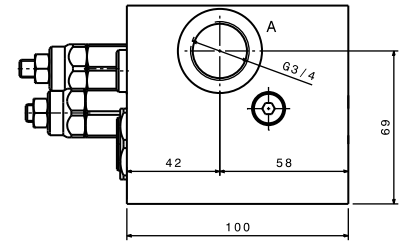
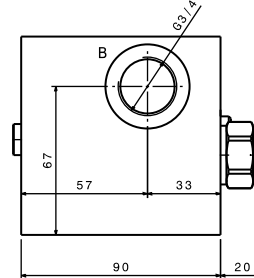


Corpo in alluminio  
 Aluminium body

Portata massima Max flow	100 l/min 26 gpm
Pressione massima Max pressure	350 bar 5000 psi
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C	
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

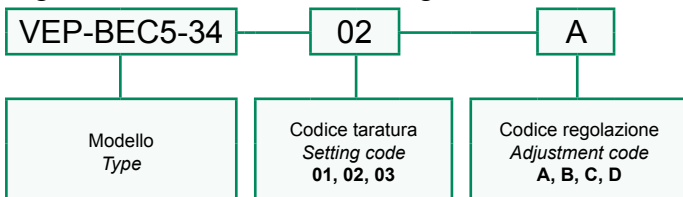


Taratura Setting				
Codice Code	Taratura standard Standard setting bar (Q=5 l/min)		Campo di taratura Adj. Pressure range bar	
	BP ②	AP ①	BP ②	AP ①
01	80 bar 1160 psi	80 bar 1160 psi	20÷100 bar 290÷1450 psi	20÷100 290÷1450 psi
02	80 bar 1160 psi	180 bar 2600 psi	20÷100 bar 290÷1450 psi	40÷250 580÷3600 psi
03	80 bar 1160 psi	250 bar 3600 psi	20÷100 bar 290÷1450 psi	60÷350 bar 870÷5000 psi



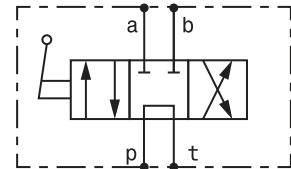
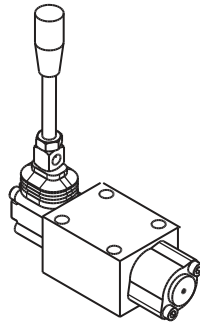
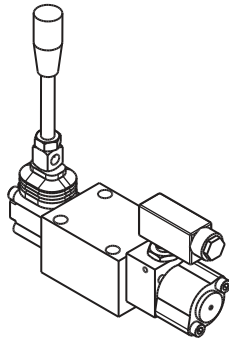
Regolazioni Adjustments			
<b>A</b> 	<b>B</b> 	<b>C</b> 	<b>D</b> 
Vite esterna esagono incassato Leakproof hex socket screw	Volantino e dado Handknob and locknut	Piombatura Sealing cap	Cappello Cap

Sigla di ordinazione / Ordering code



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

Valvola con comando a leva - luce 10 - corpo in ghisa  
 Directional valve, lever operated - NG10 - cast iron body  
 mod. DC-5



Modello Type	Portata massima Max flow	Pressione massima Max pressure P, A, B	Pressione massima Max pressure T
<b>DC-5</b>	70 l/min 18.5 gpm	350 bar 5000 psi	150 bar 2200 psi
<b>DC-5-M*</b>	70 l/min 18.5 gpm	350 bar 5000 psi	150 bar 2200 psi

<b>Corsa MAX MAX Stroke</b>
<b>5.5 mm</b>

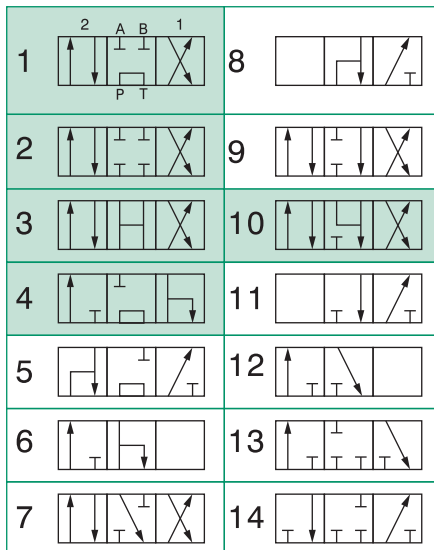
-IL POSIZIONATORE DI TIPO C  
 HA UNA LUNGHEZZA DI 30 mm IN PIÙ  
 - THE TYPE C POSITIONER  
 HAS A LENGTH OF 30 mm MORE

Dimensioni Dimensions	L	L1
<b>DC-5</b>	165	40
<b>*DC-5-M</b>	195	70

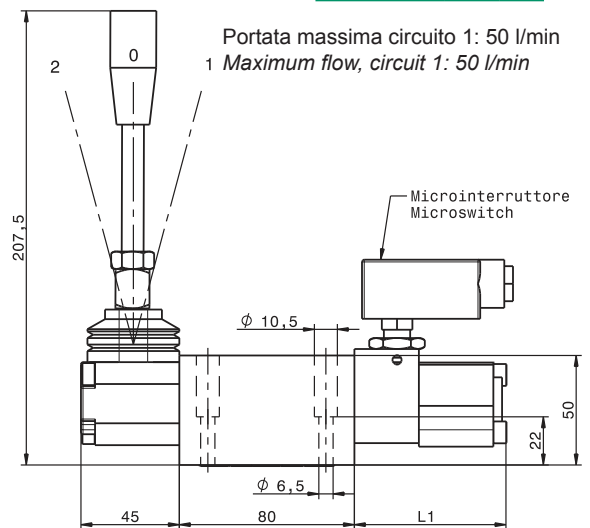
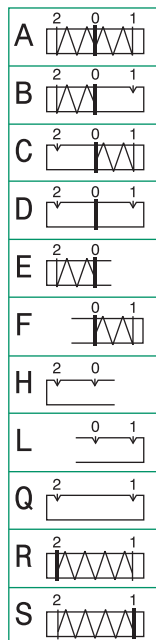
\* con predisposizione microinterruttore  
 \* with microswitch predisposition

**CIRCUITO  
CIRCUIT**

standard
su richiesta upon request

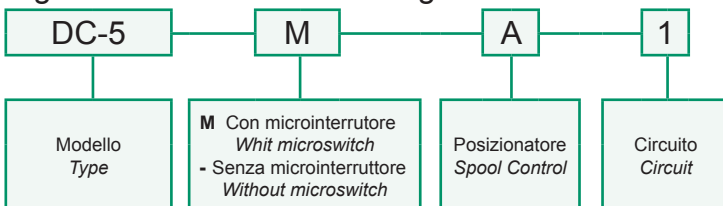


**POSIZIONATORE  
SPOOL CONTROL**



For flow diagram see  
 PRESSURE DROP MANUAL DISTRIBUTOR (3)

**Sigla di ordinazione / Ordering code**

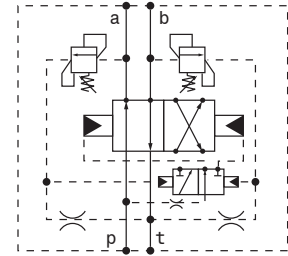
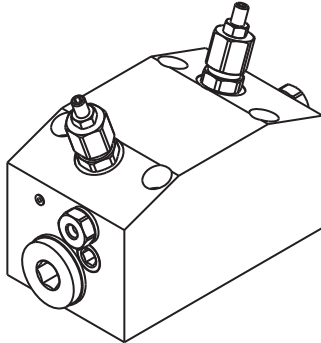


Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C	
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute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

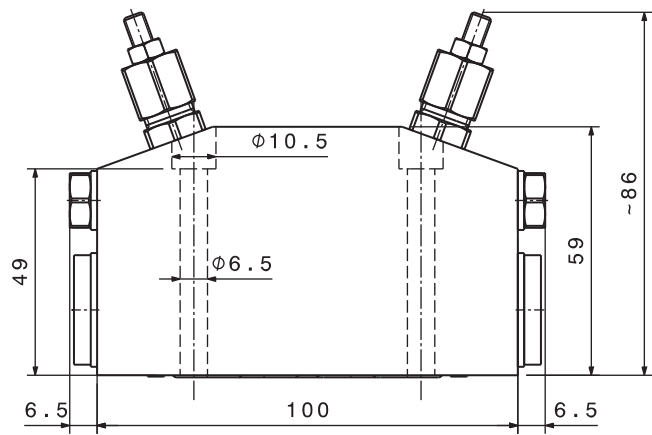
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.

Valvola direzionale automatica - luce 10  
 Automatic directional valve - NG10  
 mod. VAD-F-C5

Corpo in ghisa  
 Cast iron body

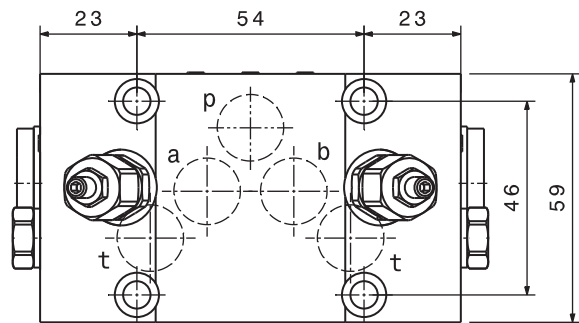


Portata massima Max flow	70 l/min 18.5 gpm
Pressione massima Max pressure	250 bar 3600 psi
Taratura standard Standard setting	180 bar 2600 psi
Campo di taratura Adjustment pressure range	40 ÷ 250 bar 580 ÷ 3600 psi
Portata minima Min flow	6 l/min 1.6 gpm

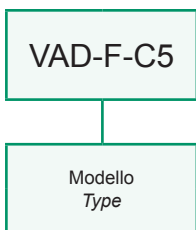


Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C  
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

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



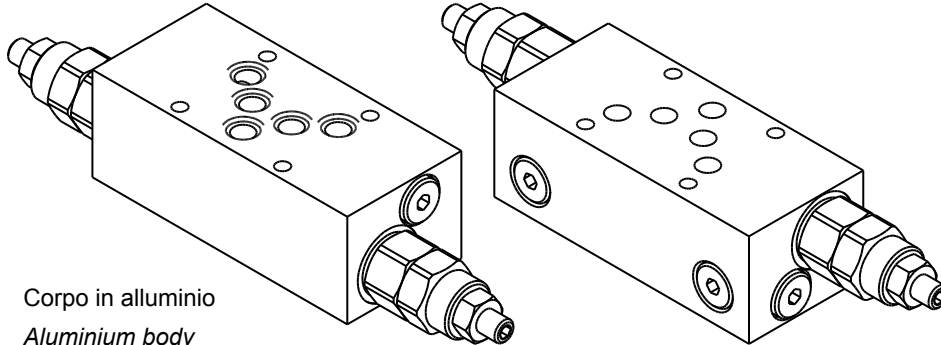
Sigla di ordinazione / Ordering code



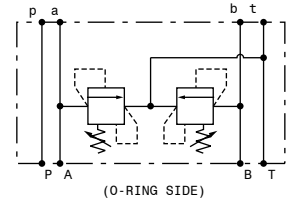
I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, **CBF** reserves the right to introduce modifications without notice.



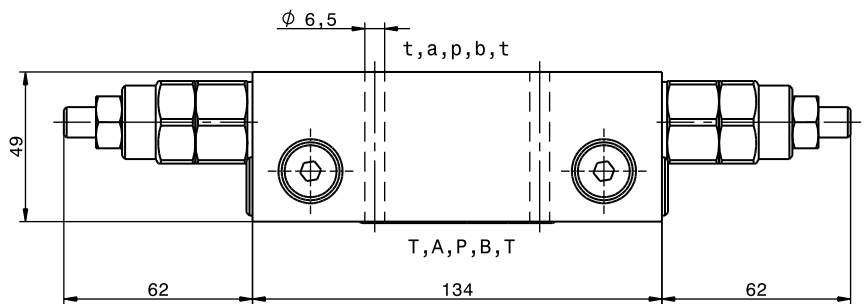
Valvola limitatrice di pressione doppio effetto modulare – luce 10  
 Double effect relief valve, sandwich mounting – NG10  
 mod. VLP80-D-F-C5



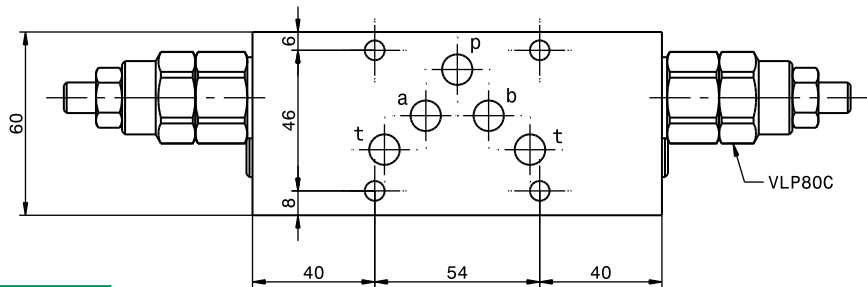
Corpo in alluminio  
 Aluminium body



Portata massima Max flow	80 l/min 21 gpm
Pressione massima Max pressure	280 bar 4000 psi
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C	
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ



Taratura Setting		Portata di taratura Setting flow rate	5 l/min 1.3 gpm
Codice Code	Taratura standard Standard setting (Q=5 l/min)	Campo di taratura Adj. Pressure range	Pressure increase bar/psi per turn
00	40 bar 580 psi	5÷40 bar 72.5÷580 psi	12 bar 174 psi
01	80 bar 1160 psi	20÷100 bar 290÷1450 psi	22 bar 319 psi
02	180 bar 2600 psi	40÷250 bar 580÷3600 psi	53 bar 768 psi
03	250 bar 3600 psi	60÷350 bar 870÷5000 psi	86 bar 1247 psi



Regolazioni  
 Adjustments

<b>A</b> Es. 5 max. 6.2 Es. 1.7	<b>B</b> Ø 5.0 max. 1.05 Es. 1.7	<b>C</b> max. 7.1	<b>D</b> Es. 1.7 max. 7.2 Es. 1.7
Vite esterna esagono incassato Leakproof hex socket screw	Volantino e dado Handknob and locknut	Piombatura Sealing cap	Cappello Cap

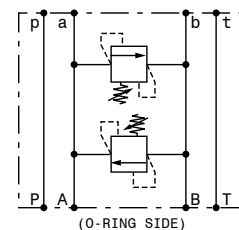
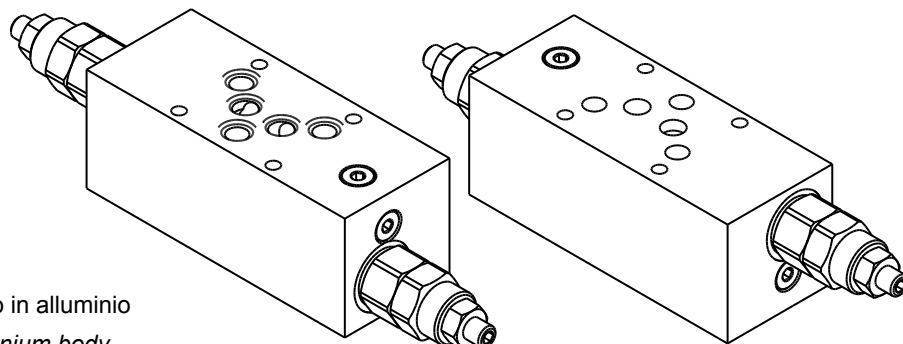
Sigla di ordinazione / Ordering code

VLP80-D-F-C5	02	A
Modello Type	Codice 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.  
 The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Valvola limitatrice di pressione doppio effetto modulare – luce 10  
Double effect relief valve, sandwich mounting – NG10

mod. VLP80-DI-F-C5



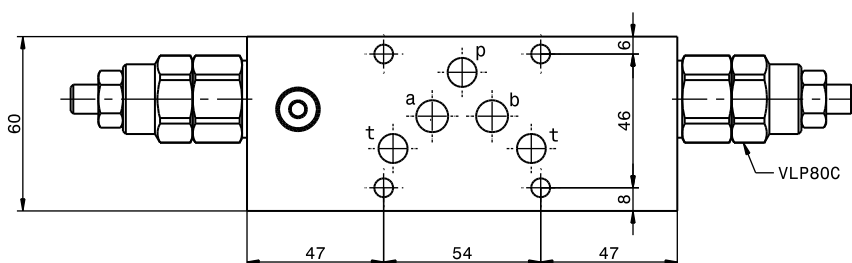
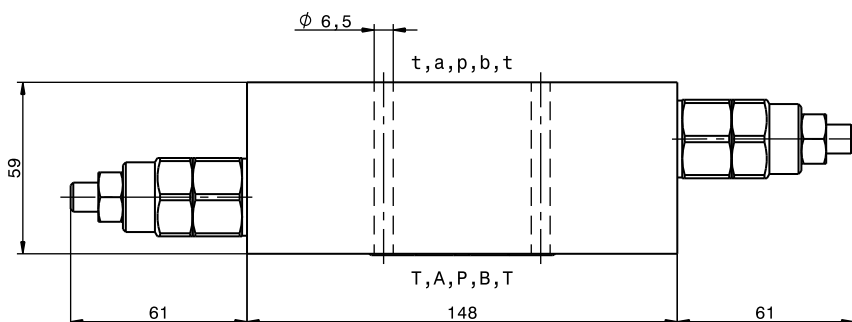
Corpo in alluminio  
Aluminium body

Portata massima Max flow	80 l/min 21 gpm
Pressione massima Max pressure	280 bar 4000 psi

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

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

Taratura Setting		Portata di taratura Setting flow rate	5 l/min 1.3 gpm
Codice Code	Taratura standard Standard setting (Q=5 l/min)	Campo di taratura Adj. Pressure range	Pressure increase bar/psi per turn
00	40 bar 580 psi	5÷40 bar 72.5÷580 psi	12 bar 174 psi
01	80 bar 1160 psi	20÷100 bar 290÷1450 psi	22 bar 319 psi
02	180 bar 2600 psi	40÷250 bar 580÷3600 psi	53 bar 768 psi
03	250 bar 3600 psi	60÷350 bar 870÷5000 psi	86 bar 1247 psi



Regolazioni  
Adjustments

<b>A</b> Es. 5 max. 6.2 Es. 17	<b>B</b> φ 5.0 max. 10.5 Es. 17	<b>C</b> max. 7.1	<b>D</b> Es. 1.7 max. 7.2 Es. 1.7
Vite esterna esagono incassato Leakproof hex socket screw	Volantino e dado Handknob and locknut	Piombatura Sealing cap	Cappello Cap

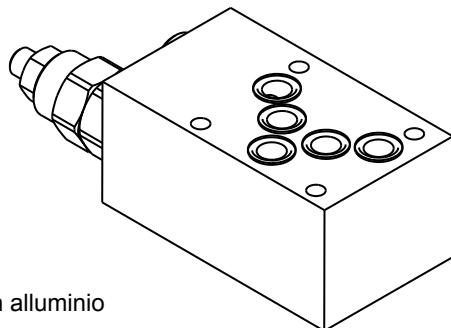
Sigla di ordinazione / Ordering code

VLP80-DI-F-C5 — 02 — A

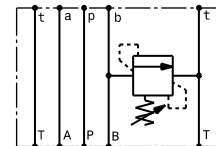
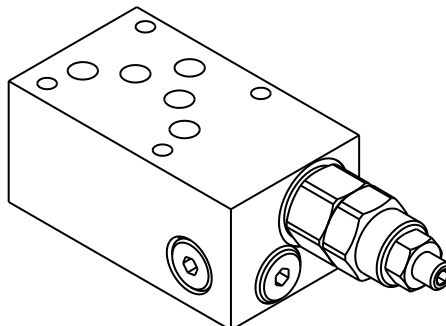
Modello Type	Codice taratura Setting code 00, 01, 02, 03	Codice regolazione Adjustment code A, B, C, D
-----------------	---	---

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

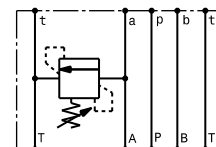
Valvola limitatrice di pressione semplice effetto modulare – luce 10  
 Single effect relief valve, sandwich mounting – NG10  
 mod. VLP80-S-F-C5



Corpo in alluminio  
 Aluminium body

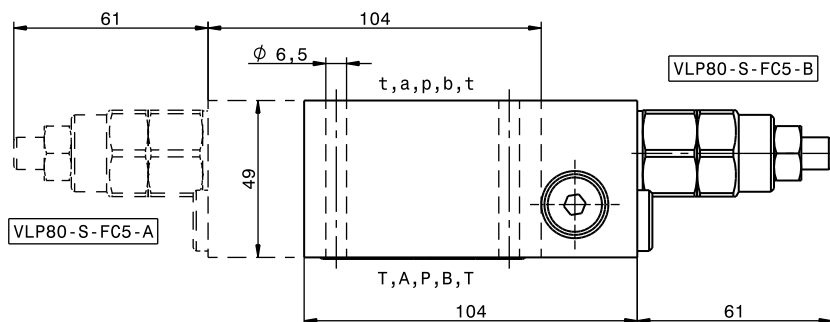


VLP80-S-FC5-B

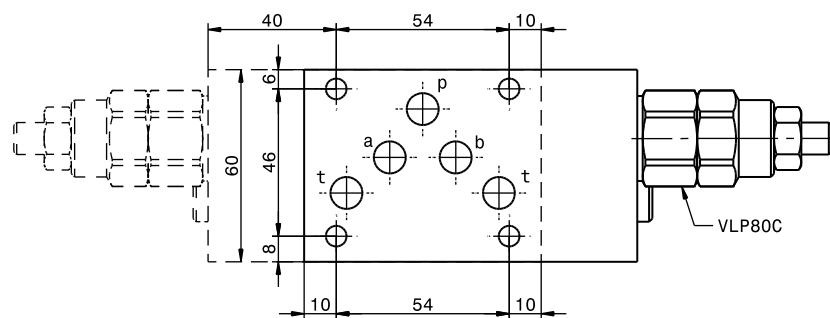


VLP80-S-FC5-A

Portata massima Max flow	80 l/min 21 gpm
Pressione massima Max pressure	280 bar 4000 psi
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C	
Viscosità consigliate Recommended viscosity	10 ÷ 420 cSt
Temperature di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ



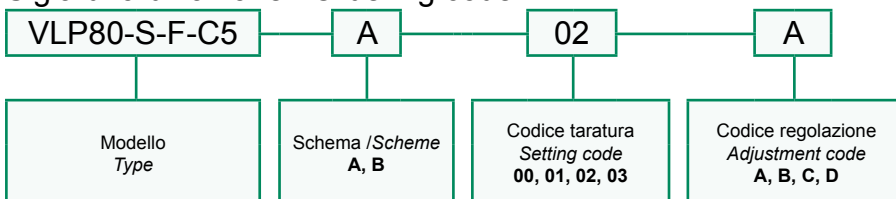
Taratura Setting	Portata di taratura Setting flow rate	5 l/min 1.3 gpm	
Codice Code	Taratura standard Standard setting (Q=5 l/min)	Campo di taratura Adj. Pressure range	Pressure increase bar/psi per turn
00	40 bar 580 psi	5÷40 bar 72.5÷580 psi	12 bar 174 psi
01	80 bar 1160 psi	20÷100 bar 290÷1450 psi	22 bar 319 psi
02	180 bar 2600 psi	40÷250 bar 580÷3600 psi	53 bar 768 psi
03	250 bar 3600 psi	60÷350 bar 870÷5000 psi	86 bar 1247 psi



Regolazioni  
 Adjustments

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

Sigla di ordinazione / Ordering code

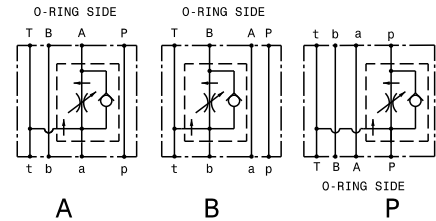
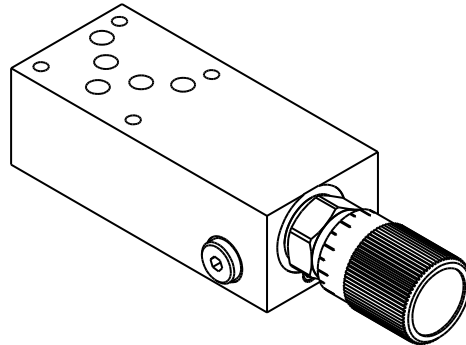


I dati non sono impegnativi, CBF si riserva di apportare modifiche senza preavviso.  
 The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Valvola regolatrice di flusso a tre vie prioritaria modulare con valvola di non ritorno – luce 10  
 Three ways priority flow regulator with check valve, sandwich mounting – NG10

mod. RFP90-FC5-VU

Corpo in alluminio  
 Aluminum body



Schema idraulico  
 Hydraulic scheme

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

Regolazioni Adjustments

**A**

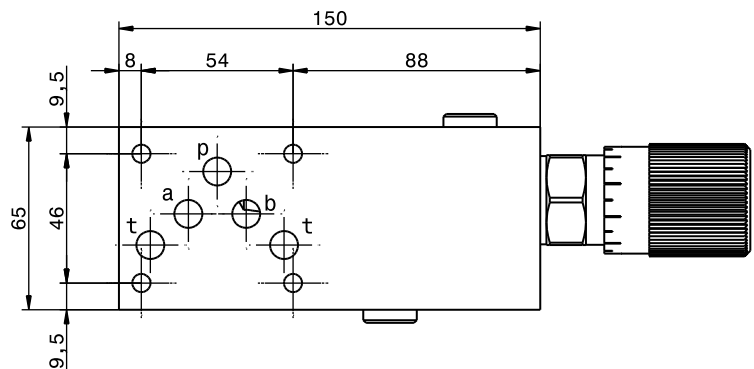
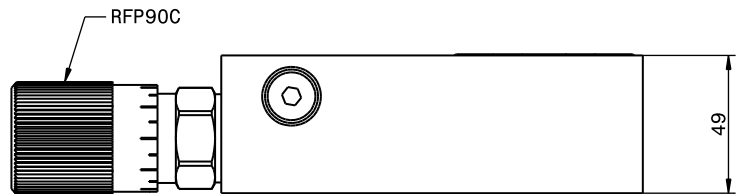
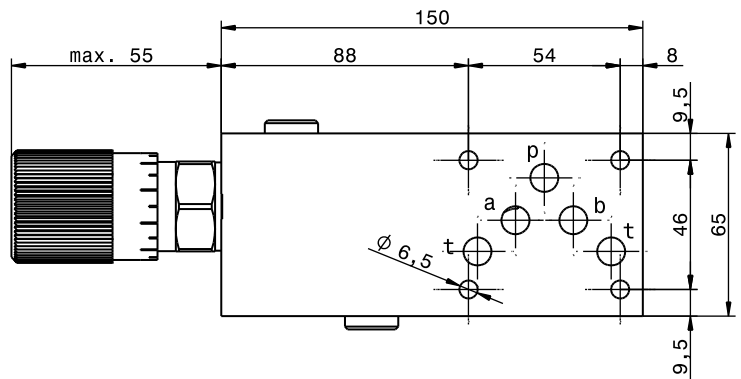
Vite esterna esagono incassato  
Leakproof hex socket screw

**B**

Manopola Handknob

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

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



Sigla di ordinazione / Ordering code

RFP90-FC5-VU	A	A
Modello Type	Porta controllata Checked port A, B, P	Codice regolazione Adjustment code A, B

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



## LubeTeam Hydraulic S.r.l.

*Administration and Headquarter:*

Via Tufara Scautieri, 6

83018 - San Martino Valle Caudina (AV)

*Office and Warehouse:*

S.S. 7 Appia, Km. 237,00

82011 - Airola BN

ITALY

Tel. +39 0823 950 994

Fax +39 0823 412 546

[www.lubeteam.it](http://www.lubeteam.it) [info@lubeteam.it](mailto:info@lubeteam.it)

Italian VAT / C.F. e P.IVA: 01251720627

Follow us



This document is the property of LubeTeam Hydraulic S.r.l. All data reported here are for the exclusive use of the Receiver. Reproduction is not authorized without writing permission, in all or in part of the content of this document, in accordance to Law 633 art. 171, dated April 22, 1941.

Il presente documento è di proprietà della LubeTeam Hydraulic S.r.l. I dati riportati sono per esclusivo del destinatario. La riproduzione, di tutto o in parte, non è autorizzata senza permesso scritto secondo l'art. 171 della L. 633 del 22 Aprile 1941.