findynamica
drive and control products

Gestuurde terugslagkleppen

leidingmontage, enkele uitvoeringen

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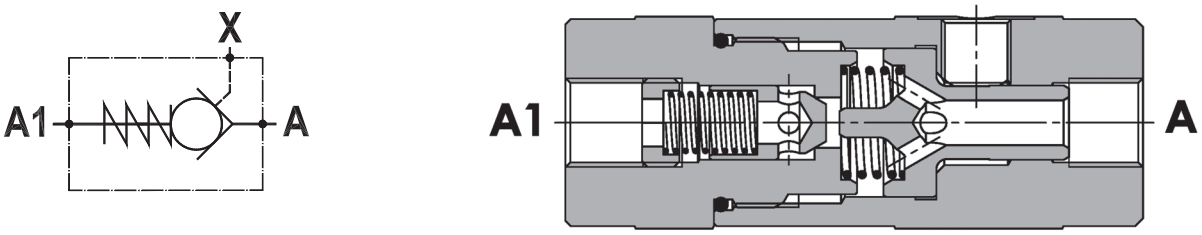
Valvola di blocco pilotata semplice, montaggio in linea
Single pilot operated check valve, line mounted



SPECIFICHE TECNICHE

Materiali: corpo in acciaio. L'otturatore conico guidato è in acciaio trattato termicamente. La superficie esterna è protetta mediante zincatura.

Portata: fino a 85 l/min

Pressione max.: 350 bar

Pressione di apertura: standard 0,5 bar, a richiesta 2,5-5-10 bar

TECHNICAL SPECIFICATIONS

Materials: *body is steel made. Guided poppet is in hardened steel. External surface is zinc plated.*

Rated flow: *up to 85 l/min*

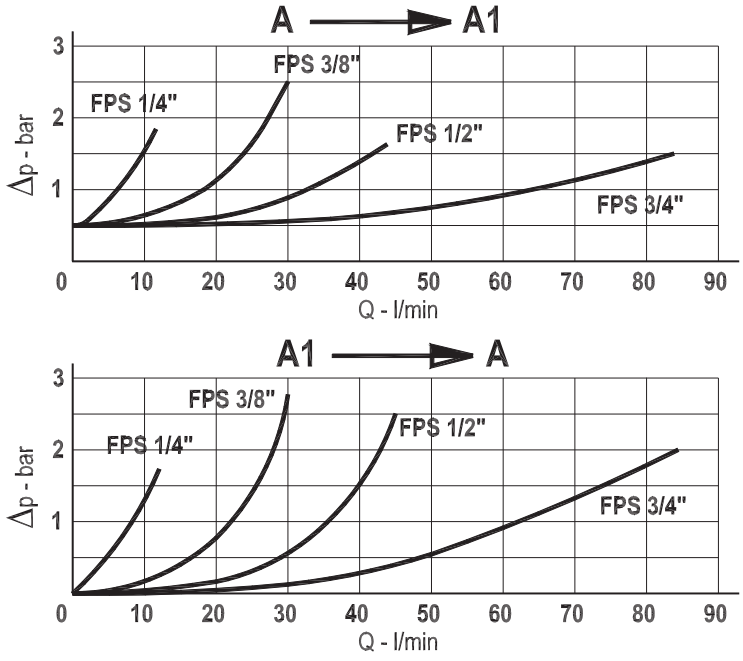
Max. pressure: *350 bar, see data sheet*

Cracking pressure: *0,5 bar standard, 2,5-5-10 bar on request*

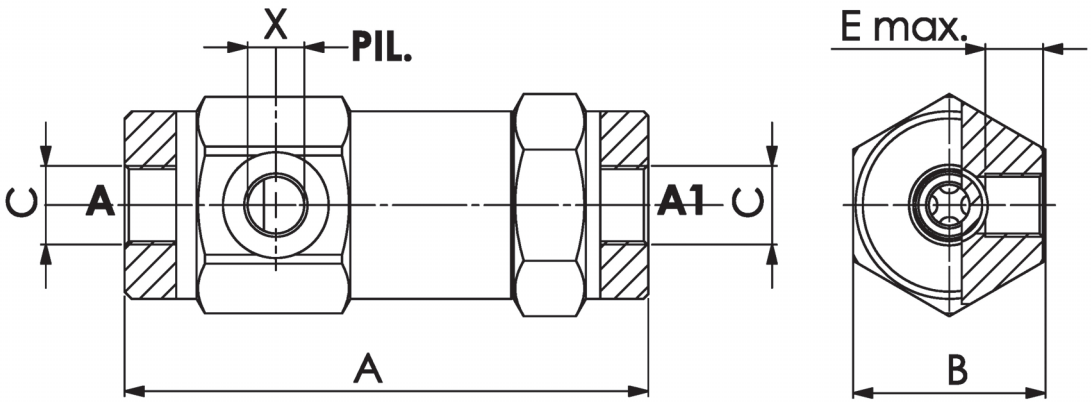
DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

Viscosità olio 24 mm²/sec. (3,5 °E)
Temperatura 50 °C

Oil viscosity 24 mm²/sec. (3,5 °E)
Temperature 50 °C



Valvola di blocco pilotata semplice, montaggio in linea
Single pilot operated check valve, line mounted



TIPO *TYPE*	PORTATA MAX. *MAX FLOW*	PRESSIONE MAX. *MAX PRESSURE*	A	B	C	X	E	RAPP. DI PILOTAGGIO *PILOT RATIO*	PESO *WEIGHT*
	L/MIN	BAR	mm	mm	BSPP	BSPP	mm		Kg
FPS 1/4”	12	350	103	36	1/4”	1/4”	11	1 : 9	0.650
FPS 3/8”	30	310	109	40	3/8”	1/4”	11.5	1 : 6	0.820
FPS 1/2”	45	310	120	42	1/2”	1/4”	11	1 : 4.5	0.960
FPS 3/4”	85	300	131	55	3/4”	1/4”	14	1 : 3.7	1.950

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

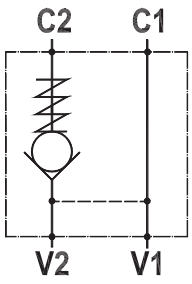
F P S **1 / 4** **2 , 5** *****

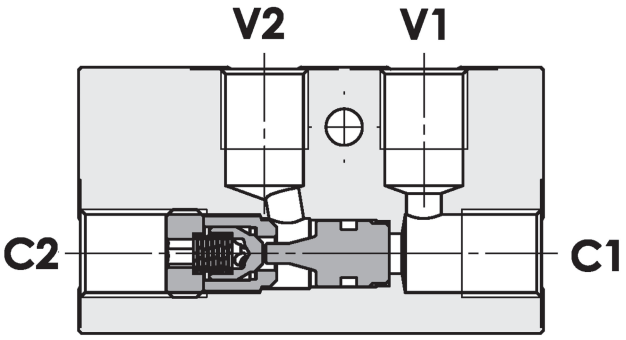
* 1/4 – 1/4" BSPP
3/8 – 3/8" BSPP
1/2 – 1/2" BSPP
3/4 – 3/4" BSPP
Connessioni - *Port sizes*

0.5 bar (std) – 2.5 bar – 5 bar -10 bar
Pressione apertura ritegno, omettere se std
Cracking p

Guarnizioni – *Seals*:
V=Viton *
Omettere se BUNA-N – *Omit if BUNA-N*

Valvola di blocco pilotata semplice, montaggio in linea
Single pilot operated check valve, line mounted





SPECIFICHE TECNICHE

Materiali: corpo acciaio zincato. I componenti interni sono in acciaio trattato termicamente e rettificati.
Portata max.: 20 l/min
Pressione max.: 350 bar
Pressione di apertura: 3 bar
Rapp. di pilotaggio: 1 : 4
Peso: 0.360 Kg

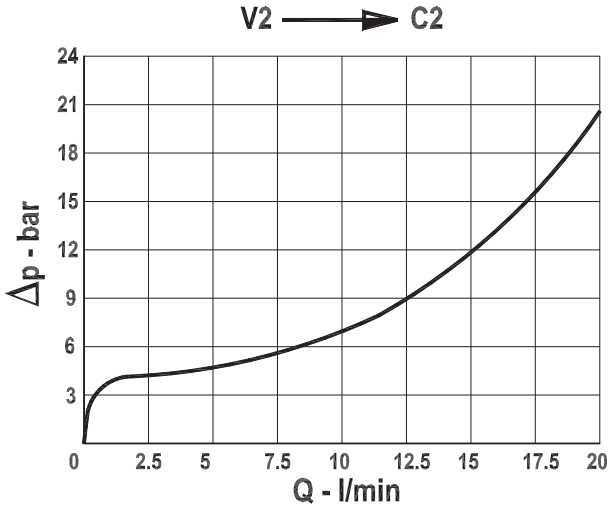
TECHNICAL SPECIFICATIONS

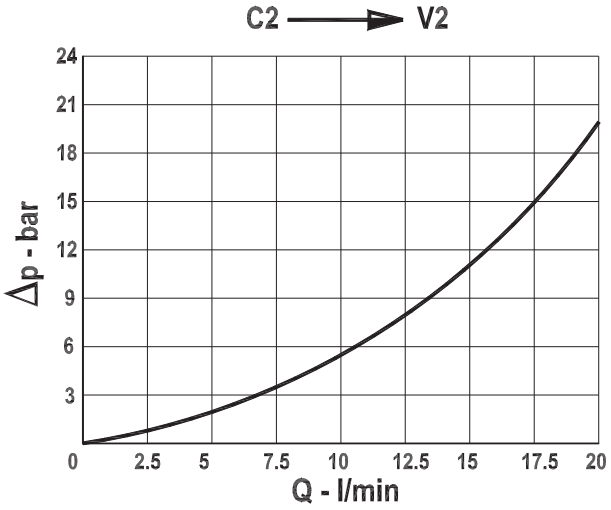
Materials: *body in zinc plated steel. Internal parts are in hardened and ground steel.*
Rated flow: *20 l/min*
Max. pressure: *350 bar;*
Cracking pressure: *3 bar*
Pilot ratio: *1 : 4*
Weight: *0.360 Kg*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

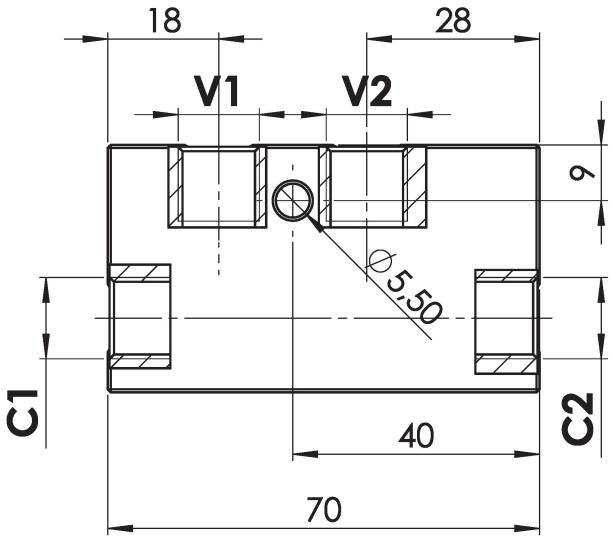
Viscosità olio 24 mm²/sec. (3,5 °E)
Temperatura 50 °C

Oil viscosity 24 mm²/sec. (3,5 °E)
Temperature 50 °C

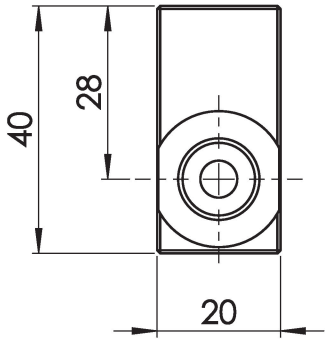




Valvola di blocco pilotata semplice, montaggio in linea
Single pilot operated check valve, line mounted



V1/V2/C1/C2=1/4"BSPP



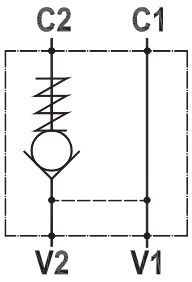
ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

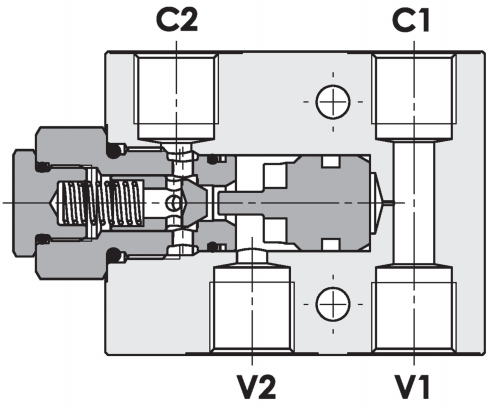
F	P	S	L	E	1	/	4	G	S	*

* Guarnizione sul pilota, omettere se non richiesta
With o-ring on pilot valve, omit if not requested

Guarnizioni – *Seals:*
V=Viton *
Omettere se BUNA-N – *Omit if BUNA-N*

Valvola di blocco pilotata semplice, montaggio in linea
Single pilot operated check valve, line mounted





SPECIFICHE TECNICHE

Materiali: corpo in alluminio (a richiesta in acciaio). I componenti interni sono in acciaio trattato termicamente.
Portata: fino a 85 l/min
Pressione max.: vedi tabela pag.2
Pressione di apertura: standard 2,5 bar, a richiesta 5-10 bar

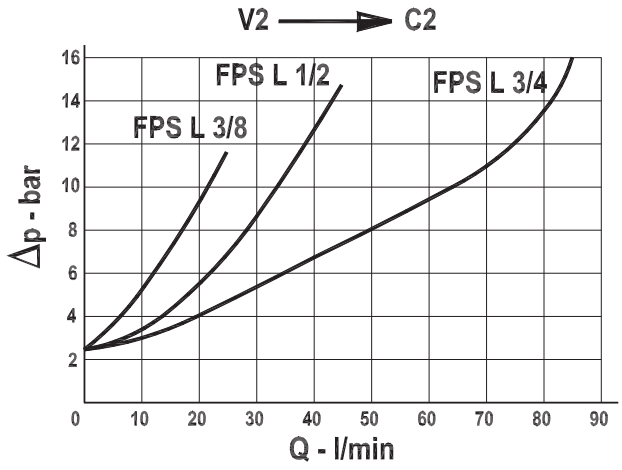
TECHNICAL SPECIFICATIONS

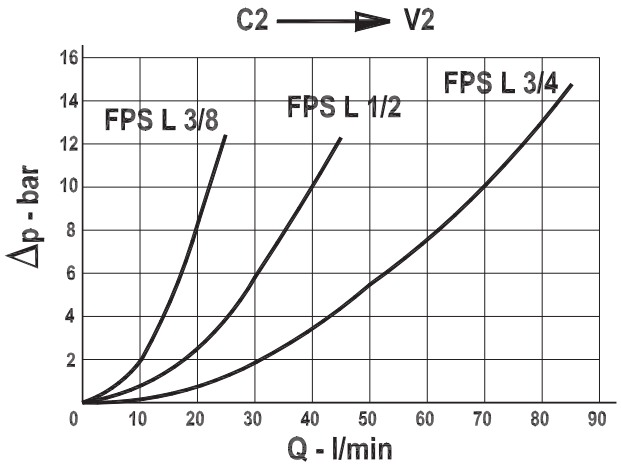
Materials: *body in aluminum (steel on request). Internal components in hardened steel.*
Rated flow: *up to 85 l/min*
Max. pressure: *see data sheet page 2*
Cracking pressure: *2,5 bar standard, 5-10 bar on request*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

Viscosità olio 24 mm²/sec. (3,5 °E)
Temperatura 50 °C

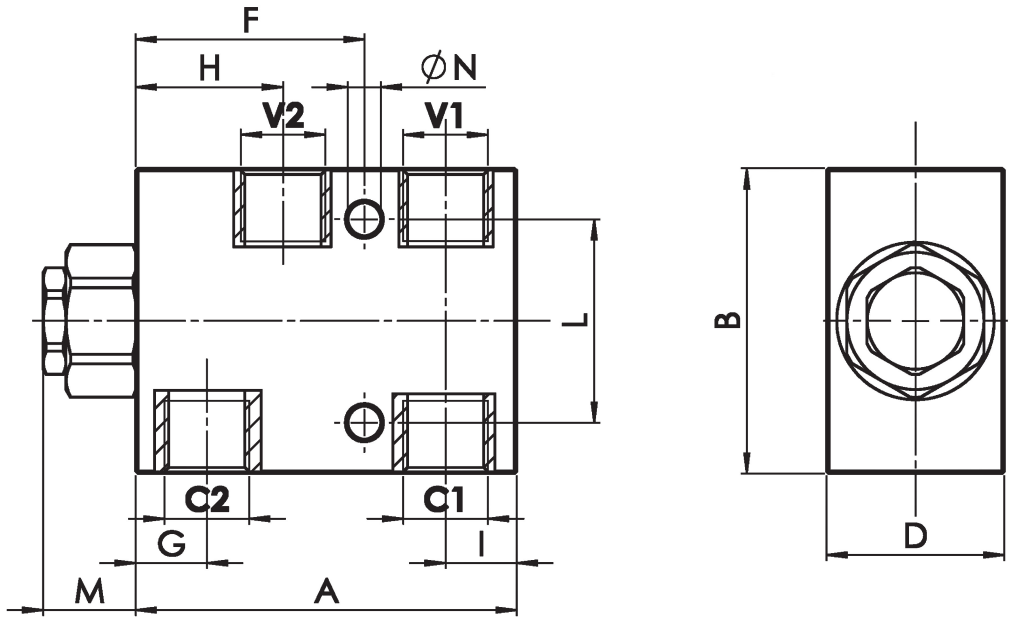
Oil viscosity 24 mm²/sec. (3,5 °E)
Temperature 50 °C





Valvola di blocco pilotata semplice, montaggio in linea
Single pilot operated check valve, line mounted

Rev.01-2010/02



TIPO *TYPE*	PORTATA MAX. *MAX FLOW*	PRESSIONE MAX. *MAX PRESSURE*	V1 – C1 V2 – C2	A	B	D	F	G	H	I	L	M	N	RAPP. DI PILOTAGGIO *PILOT RATIO*	PESO *WEIGHT*
	L/MIN	BAR	BSPP	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		Kg
FPS L 3/8”	30	250 – 350(S)	3/8”	75	60	35	45	14	29	14	40	18.5	6.5	1 : 7	0.480 – 1.110(S)
FPS L 1/2”	45	250 – 350(S)	1/2”	95	70	35	55	21	38	19	40	15	8.5	1 : 3.5	0.620 – 1.530(S)
FPS L 3/4”	85	250 – 350(S)	3/4”	135	90	50	80	30	57.5	22	50	14	10.5	1 : 4	1.650 – 4.050(S)

Queste valvole, data la loro configurazione, non consentono una elevata contropressione allo scarico
These valves, owing to their configuration, can’t allow for an high discharge pressure

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P S L 3 / 8 2 , 5 G * *

* 3/8 – 3/8" BSPP
1/2 – 1/2" BSPP
3/4 – 3/4" BSPP
Connessioni - *Port sizes*

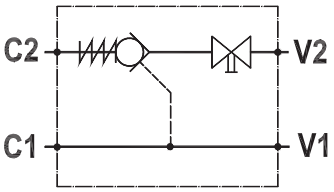
* 2.5 bar (std) – 5 bar – 10 bar
Pressione apertura ritegno, omettere se std
Cracking pressure, omit if std

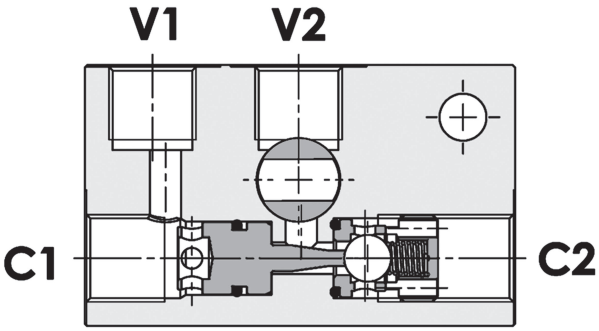
Guarnizioni – *Seals:*
V=Viton *
Omettere se BUNA-N – *Omit if BUNA-N*

Materiale corpo: omettere se aluminio, S=acciaio *
Body material: omit if aluminum, S=steel

Guarnizione sul pilota, omettere se non richiesta *
With o-ring on pilot valve, omit if not requested

Valvola di blocco pilotata semplice, montaggio in linea, rubinetto, versione sinistra
Single pilot operated check valve, line mounted with manual shut-off, left version





SPECIFICHE TECNICHE

Materiali: corpo in in alluminio. I componenti interni sono in acciaio trattato termicamente e rettificati.
Portata max.: 30 l/min
Pressione max.: vedere tabella pag. 02
Pressione di apertura: standard 1 bar ca.

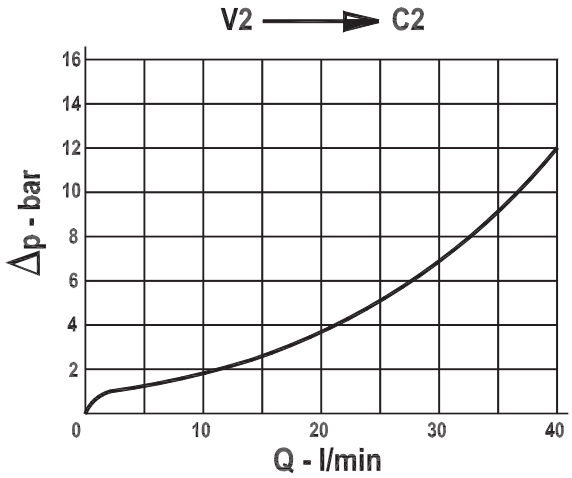
TECHNICAL SPECIFICATIONS

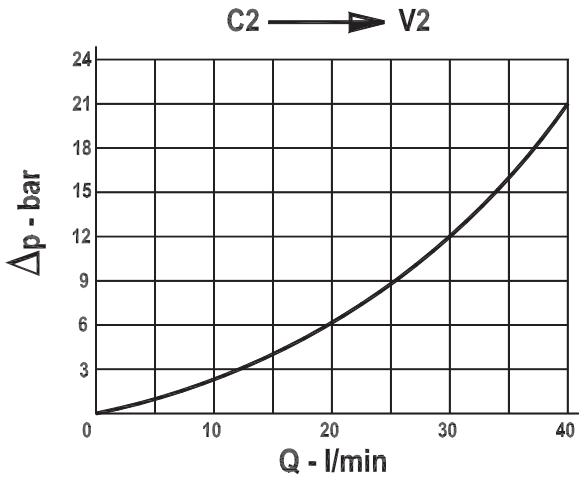
Materials: *body is in aluminium. Internal parts are in hardened and ground steel.*
Rated flow: *30 l/min*
Max. pressure: *see data sheet page 02*
Cracking pressure: *about 1 bar*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

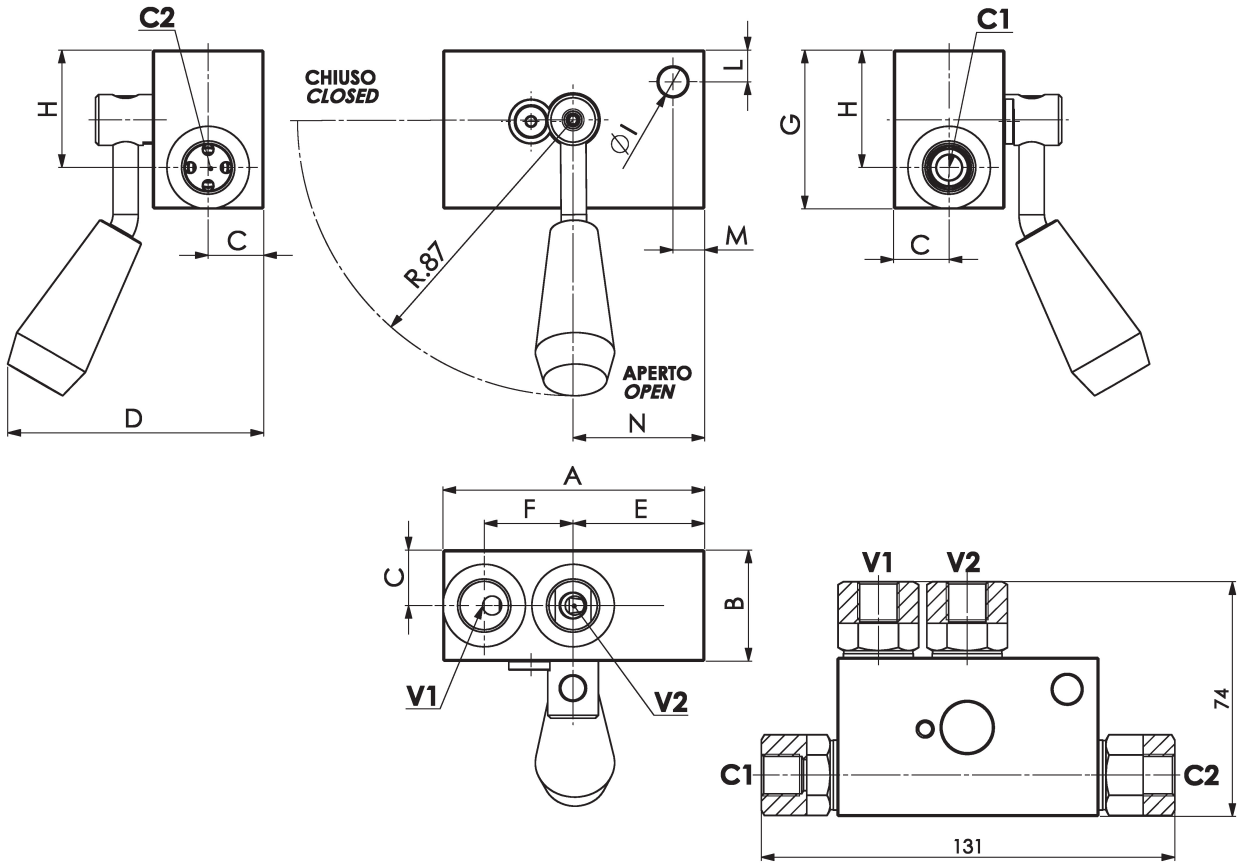
Viscosità olio 24 mm^2/sec. (3,5 °E)
Temperatura 50 °C

Oil viscosity 24 mm^2/sec. (3,5 °E)
Temperature 50 °C





Valvola di blocco pilotata semplice, montaggio in linea, rubinetto, versione sinistra
Single pilot operated check valve, line mounted with manual shut-off, left version



FPS LR1 1/4 A

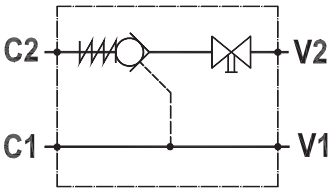
TIPO *TYPE*	PORTATA MAX. *MAX FLOW*	PRESS. MAX. *MAX PRESSURE*	V1 – C1 V2 – C2	A	B	C	D	E	F	G	H	I	L	M	N	RAPP. DI PILOTAGGIO *PILOT RATIO*	PESO *WEIGHT*
	L/MIN	BAR	BSPP	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		Kg
FPS LR1 1/4	30	250	1/4"	82.5	35	17.5	82	41	28	50	37	9	10	10	41.5	1 : 3.5	0.770
FPS LR1 3/8	30	250	3/8"	82.5	35	17.5	82	41	28	50	37	9	10	10	41.5	1 : 3.5	0.500

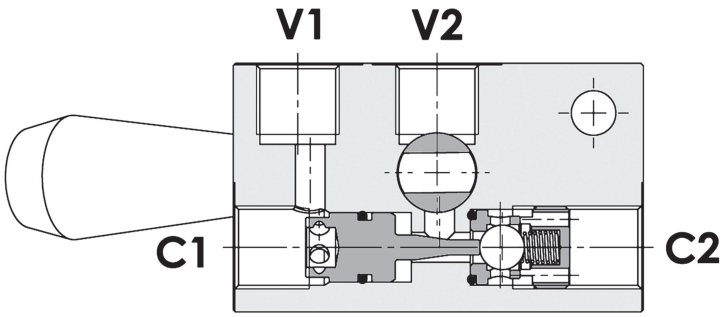
ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P S | L R 1 | 3 / 8 | A

* 1/4 – 1/4" BSPP
3/8 – 3/8" BSPP
Connessioni – *Port sizes*

Valvola di blocco pilotata semplice, montaggio in linea, rubinetto, versione destra
Single pilot operated check valve, line mounted with manual shut-off, right version





SPECIFICHE TECNICHE

Materiali: corpo in in alluminio. I componenti interni sono in acciaio trattato termicamente e rettificati.
Portata max.: 30 l/min
Pressione max.: vedere tabella pag. 02
Pressione di apertura: standard 1 bar ca.

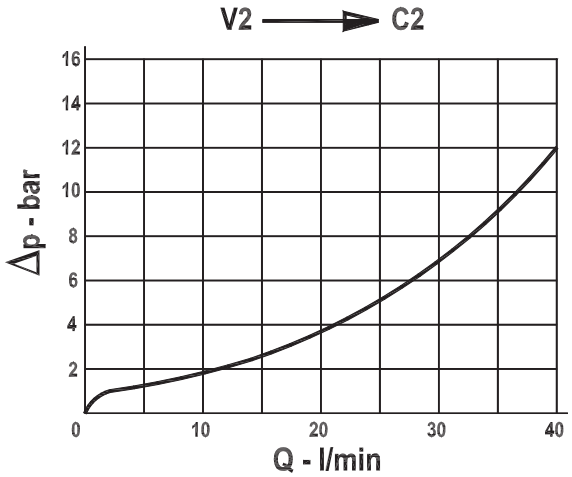
TECHNICAL SPECIFICATIONS

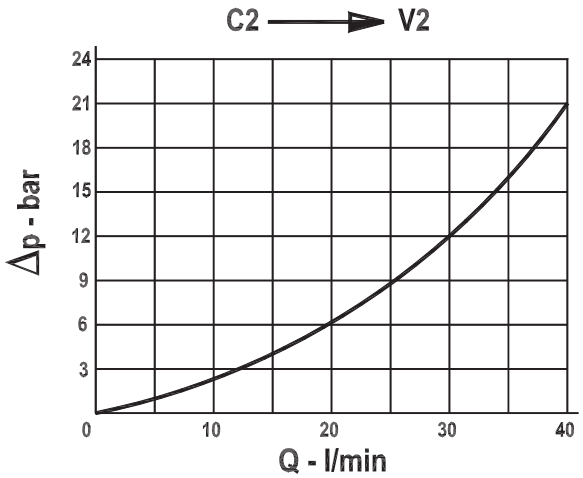
Materials: *body is in aluminium. Internal parts are in hardened and ground steel.*
Rated flow: *30 l/min*
Max. pressure: *see data sheet page 02*
Cracking pressure: *about 1 bar*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

Viscosità olio 24 mm²/sec. (3,5 °E)
Temperatura 50 °C

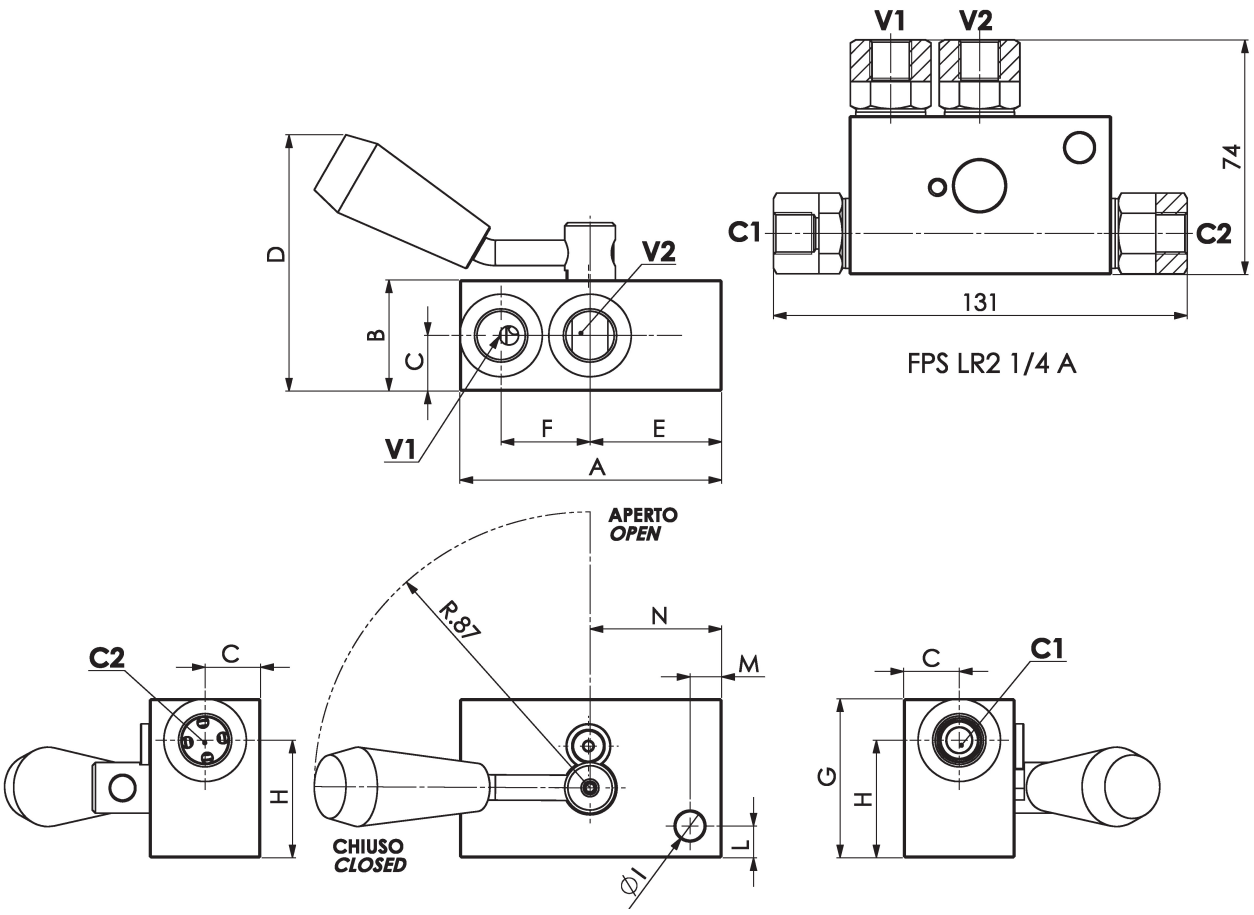
Oil viscosity 24 mm²/sec. (3,5 °E)
Temperature 50 °C





Valvola di blocco pilotata semplice, montaggio in linea, rubinetto, versione destra
Single pilot operated check valve, line mounted with manual shut-off, right version

Rev.01-2010/02



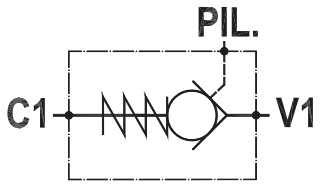
TIPO *TYPE*	PORTATA MAX. *MAX FLOW*	PRESS. MAX. *MAX PRESSURE*	V1 – C1 V2 – C2	A	B	C	D	E	F	G	H	I	L	M	N	RAPP. DI PILOTAGGIO *PILOT RATIO*	PESO *WEIGHT*
	L/MIN	BAR	BSPP	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		Kg
FPS LR2 1/4	30	250	1/4"	82.5	35	17.5	82	41	28	50	37	9	10	10	41.5	1 : 3.5	0.770
FPS LR2 3/8	30	250	3/8"	82.5	35	17.5	82	41	28	50	37	9	10	10	41.5	1 : 3.5	0.500

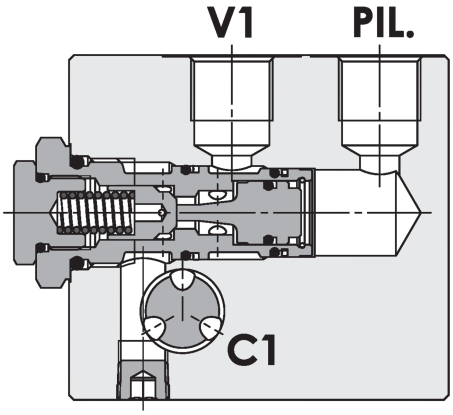
ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P S | L R 2 | 3 / 8 | A

* 1/4 – 1/4" BSPP
3/8 – 3/8" BSPP
Connessioni – *Port sizes*

Valvola di blocco pilotata semplice, montaggio con vite forata
Single pilot operated check valve, drilled screw version





SPECIFICHE TECNICHE

Materiali: corpo in alluminio. L'otturatore conico guidato è in acciaio trattato termicamente. La superficie esterna della cartuccia è protetta mediante zincatura.
Portata max.: 40 l/min
Pressione max.: 250 bar
Pressione di apertura: standard 0,5 bar, a richiesta 2,5-5-10-20 bar

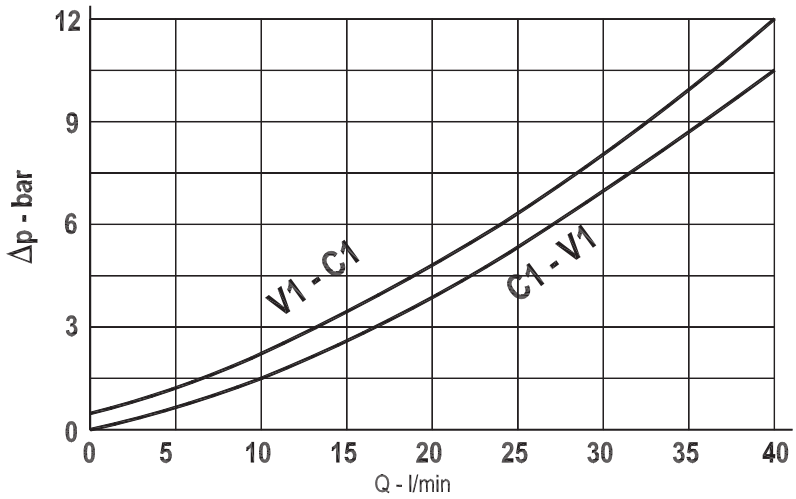
TECHNICAL SPECIFICATIONS

Materials: *body is aluminium made. Guided poppet is in hardened steel. External surface of cartridge is zinc plated.*
Rated flow: *40 l/min*
Max. pressure: *250 bar*
Cracking pressure: *0,5 bar (std), 2,5-5-10-20 bar on request*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

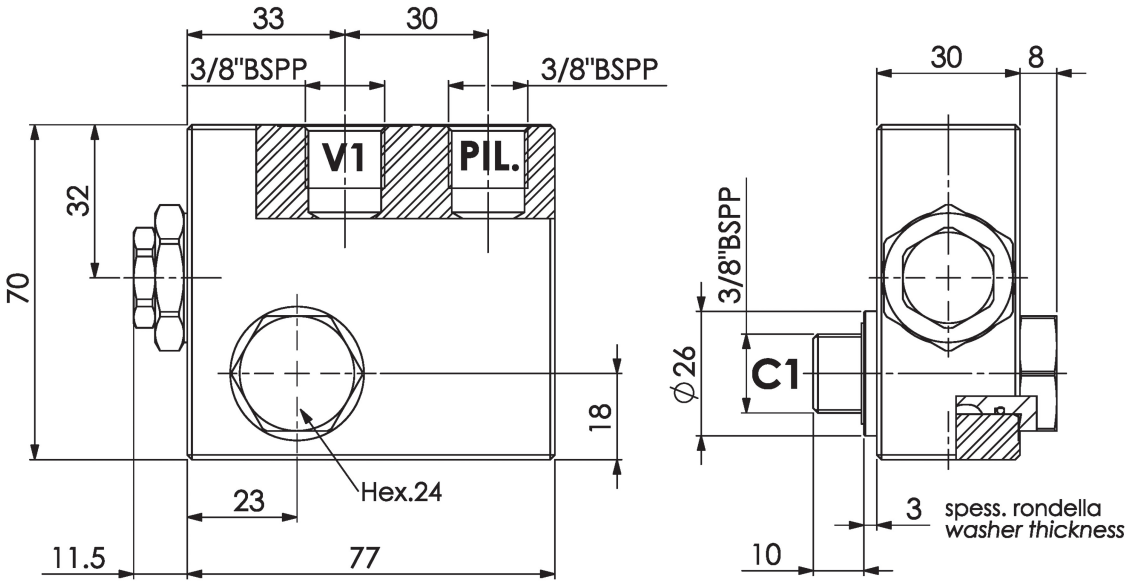
Viscosità olio 24 mm²/sec. (3,5 °E)
Temperatura 50 °C

Oil viscosity 24 mm²/sec. (3,5 °E)
Temperature 50 °C



Valvola di blocco pilotata semplice, montaggio con vite forata
Single pilot operated check valve, drilled screw version

Rev.01-2010/02



TIPO *TYPE*	RAPP. DI PILOTAGGIO *PILOT RATIO*	PESO *WEIGHT*
		Kg
FPS C 40 B 3/8 SP-5FA	1 : 4	0.600

Con la guarnizione sul pistone di pilotaggio si consiglia di montare una molla sul ritegno di almeno 2.5 bar
With the seal on the pilot piston, we recommend to assebly a at least a 2.5 bar spring on the check valve

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

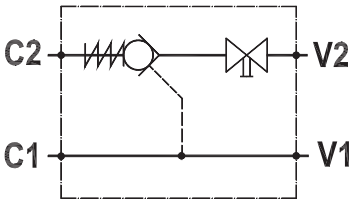
F P S	C	4 0	*	G	B	3 / 8	*	S P - 5 F A

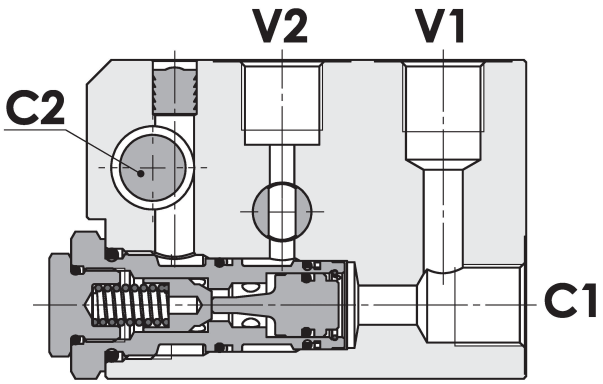
* 0.5 bar (std)
2.5 – 5 – 10 – 20 bar
Pressione apertura ritegno, omettere se std
Cracking pressure, omit if standard

* Guarnizione sul pilota, omettere se non richiesta
With o-ring on pilot valve, omit if not requested

Guarnizioni – *Seals:*
V=Viton *
Omettere se BUNA-N – *Omit if BUNA-N*

Valvola di blocco pilotata semplice, montaggio con vite forata, rubinetto, versione destra
Single pilot operated check valve, drilled screw version with manual shut-off, right version





SPECIFICHE TECNICHE

Materiali: corpo in alluminio anodizzato. L'otturatore conico guidato è in acciaio trattato termicamente. La superficie esterna della cartuccia è protetta mediante zincatura.
Portata max.: 30 l/min
Pressione max.: 250 bar
Pressione di apertura: standard 0,5 bar, a richiesta 2,5-5-10-20 bar

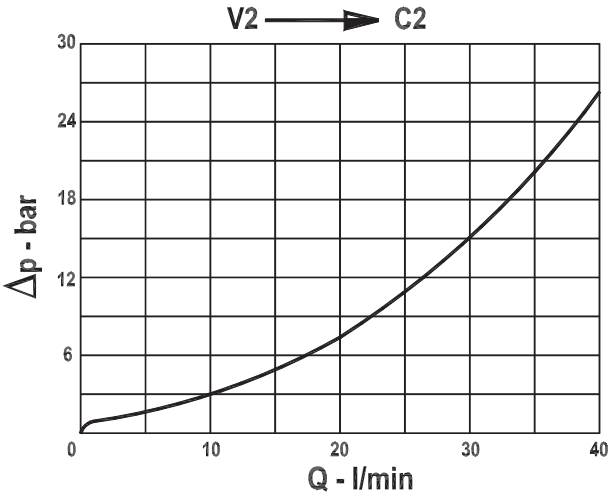
TECHNICAL SPECIFICATIONS

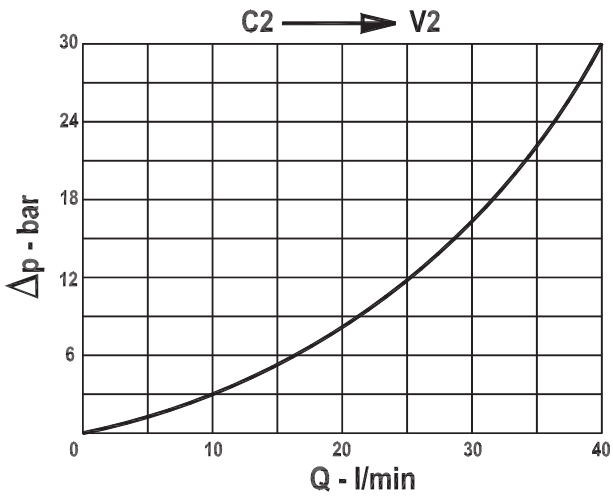
Materials: *body is aluminium made, anodized. Guided poppet is in hardened steel. External surface of cartridge is zinc plated.*
Rated flow: *30 l/min*
Max. pressure: *250 bar*
Cracking pressure: *0,5 bar (std), 2,5-5-10-20 bar on request*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

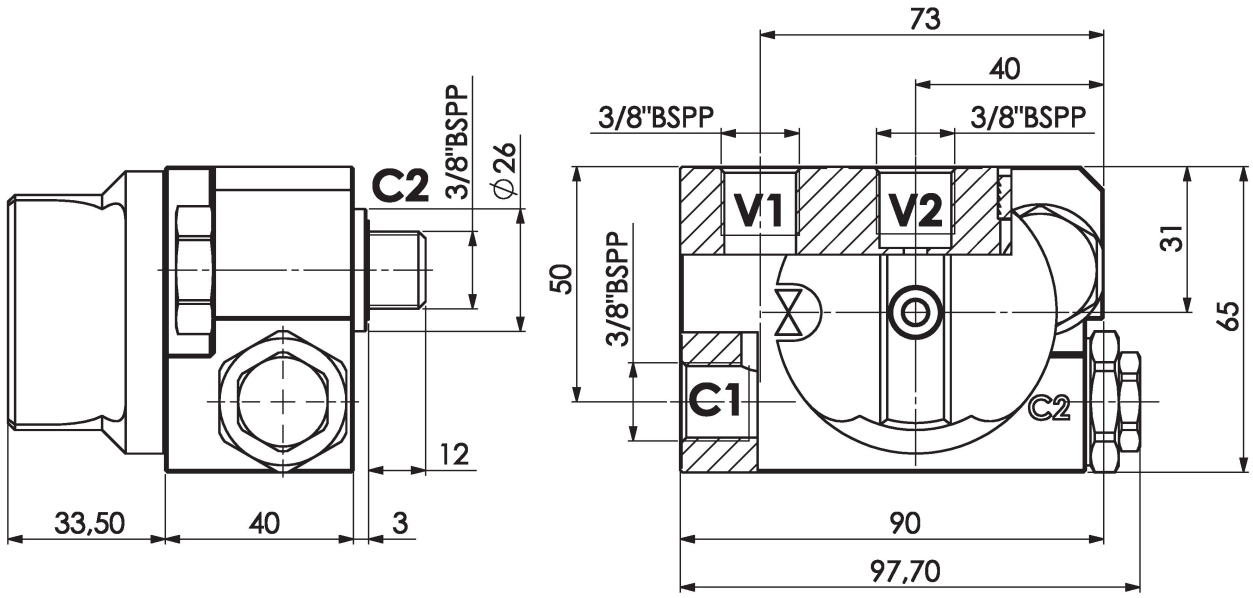
Viscosità olio 24 mm²/sec. (3,5 °E)
Temperatura 50 °C

Oil viscosity 24 mm²/sec. (3,5 °E)
Temperature 50 °C





Valvola di blocco pilotata semplice, montaggio con vite forata, rubinetto, versione destra
Single pilot operated check valve, drilled screw version with manual shut-off, right version



TIPO *TYPE*	RAPP. DI PILOTAGGIO *PILOT RATIO*	PESO *WEIGHT*
		Kg
FPS-C-40-B-PR1-3/8	1 : 4	0.875

Con la guarnizione sul pistone di pilotaggio si consiglia di montare una molla sul ritegno di almeno 2.5 bar
With the seal on the pilot piston, we recommend to assebly a at least 2.5 bar spring on the check valve

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

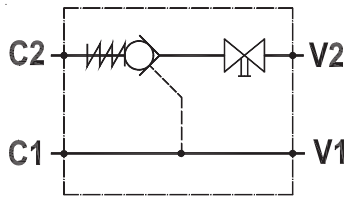
F P S	C	4 0	*	G	B	P R 1	3 / 8	*

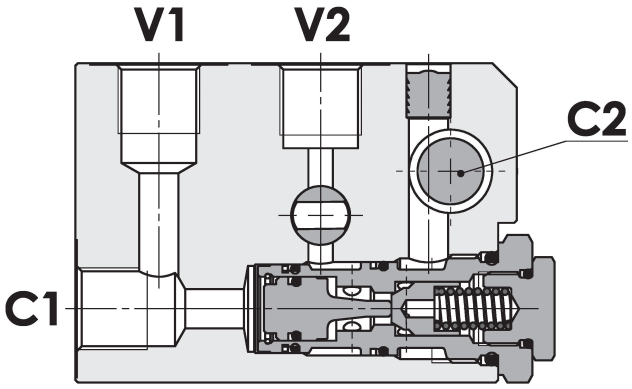
* 0.5 bar (std)
2.5 – 5 – 10 – 20 bar
Pressione apertura ritegno, omettere se std
Cracking pressure, omit if standard

* Guarnizione sul pilota, omettere se non richiesta
With o-ring on pilot valve, omit if not requested

Guarnizioni – *Seals:*
V=Viton *
Omettere se BUNA-N – *Omit if BUNA-N*

Valvola di blocco pilotata semplice, montaggio con vite forata, rubinetto, versione sinistra
Single pilot operated check valve, drilled screw version with manual shut-off, left version





SPECIFICHE TECNICHE

Materiali: corpo in alluminio anodizzato. L'otturatore conico guidato è in acciaio trattato termicamente. La superficie esterna della cartuccia è protetta mediante zincatura.
Portata max.: 30 l/min
Pressione max.: 250 bar
Pressione di apertura: standard 0,5 bar, a richiesta 2,5-5-10-20 bar

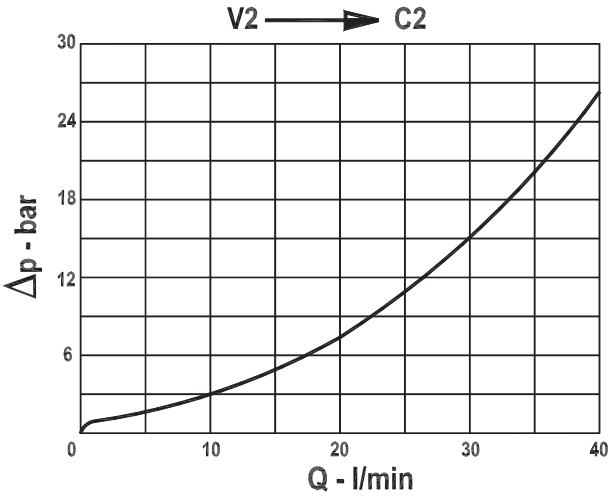
TECHNICAL SPECIFICATIONS

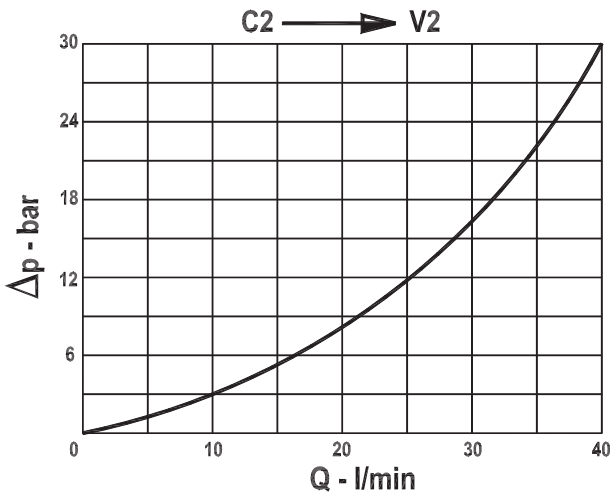
Materials: *body is aluminium made, anodized. Guided poppet is in hardened steel. External surface of cartridge is zinc plated.*
Rated flow: *30 l/min*
Max. pressure: *250 bar*
Cracking pressure: *0,5 bar (std), 2,5-5-10-20 bar on request*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

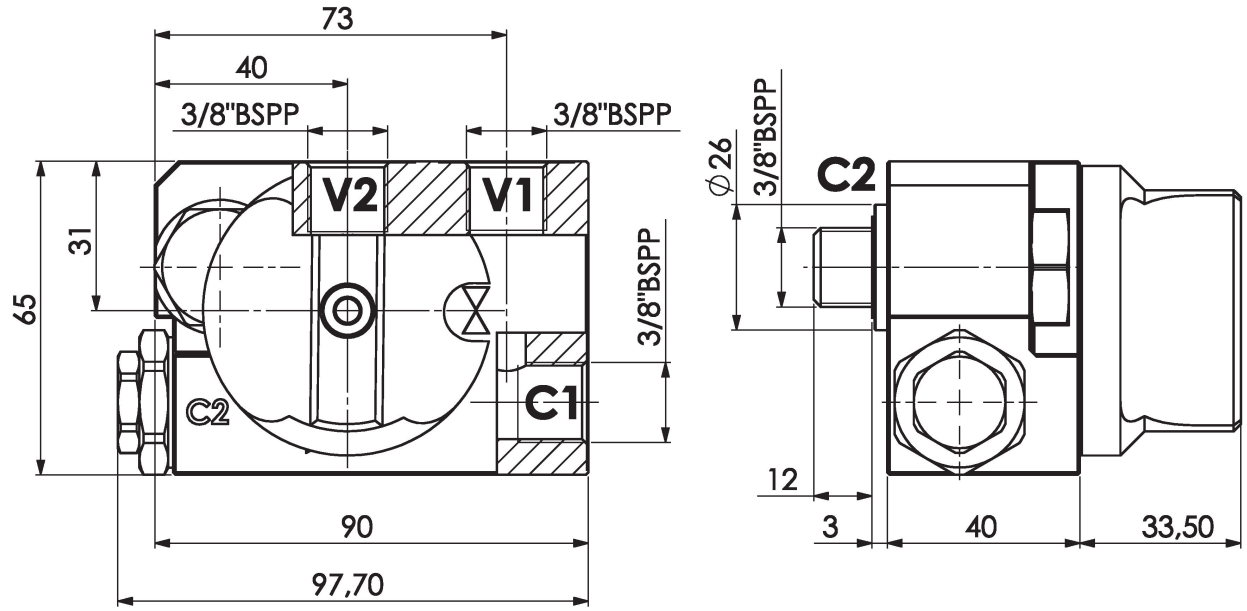
Viscosità olio 24 mm²/sec. (3,5 °E)
Temperatura 50 °C

Oil viscosity 24 mm²/sec. (3,5 °E)
Temperature 50 °C





Valvola di blocco pilotata semplice, montaggio con vite forata, rubinetto, versione sinistra
Single pilot operated check valve, drilled screw version with manual shut-off, left version



TIPO *TYPE*	RAPP. DI PILOTAGGIO *PILOT RATIO*	PESO *WEIGHT*
		Kg
FPS-C-40-B-PR2-3/8	1 : 4	0.875

Con la guarnizione sul pistone di pilotaggio si consiglia di montare una molla sul ritegno di almeno 2.5 bar
With the seal on the pilot piston, we recommend to assebly a at least a 2.5 bar spring on the check valve

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

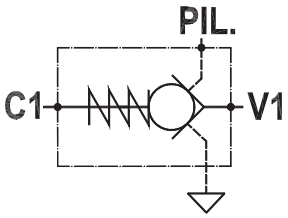
F P S C | 4 0 | * | G | B | P R 2 | 3 / 8 | *

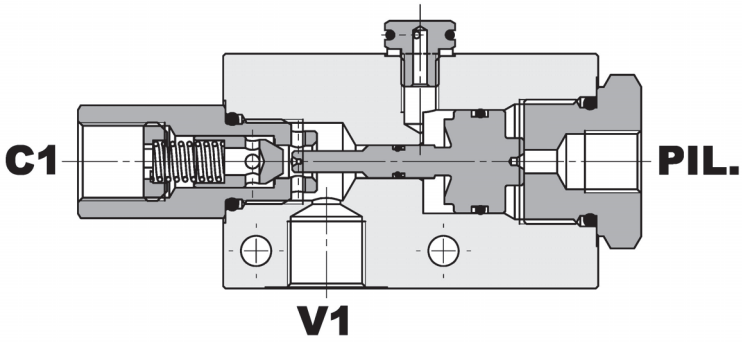
* 0.5 bar (std)
2.5 – 5 – 10 – 20 bar
Pressione apertura ritegno, omettere se std
Cracking pressure, omit if standard

* Guarnizione sul pilota, omettere se non richiesta
With o-ring on pilot valve, omit if not requested

Guarnizioni – *Seals:*
V=Viton *
Omettere se BUNA-N – *Omit if BUNA-N*

Valvola di blocco pilotata semplice bilanciata, montaggio in linea
Single pilot operated check valve, fully balanced, line mounted





SPECIFICHE TECNICHE

Materiali: corpo in in alluminio. I componenti interni sono in acciaio trattato termicamente e rettificati.
Portata max.: 30 l/min
Pressione max.: 250 bar
Rapporto di pilotaggio: 10 : 1
Pressione di apertura: 10 bar
Peso: 0,550 Kg

TECHNICAL SPECIFICATIONS

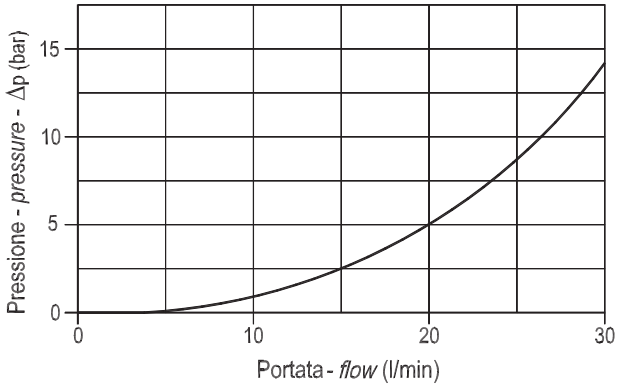
Materials: *body is in aluminium. Internal parts are in hardened and ground steel.*
Rated flow: *30 l/min*
Max. pressure: *250 bar*
Pilot ratio: *10 : 1*
Cracking pressure: *10 bar*
Weight: *0,550 Kg*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

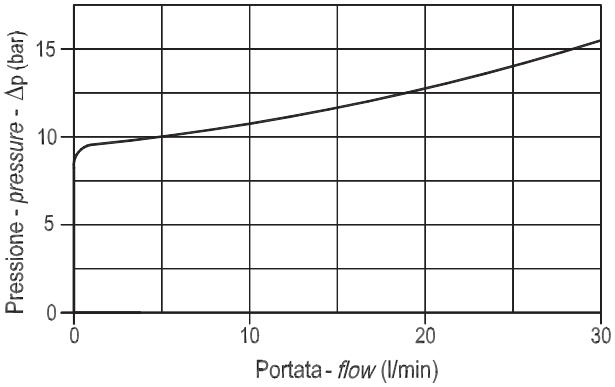
Viscosità olio 24 mm^2/sec. (3,5 °E)
Temperatura 50 °C

Oil viscosity 24 mm^2/sec. (3,5 °E)
Temperature 50 °C

C1 ► V1

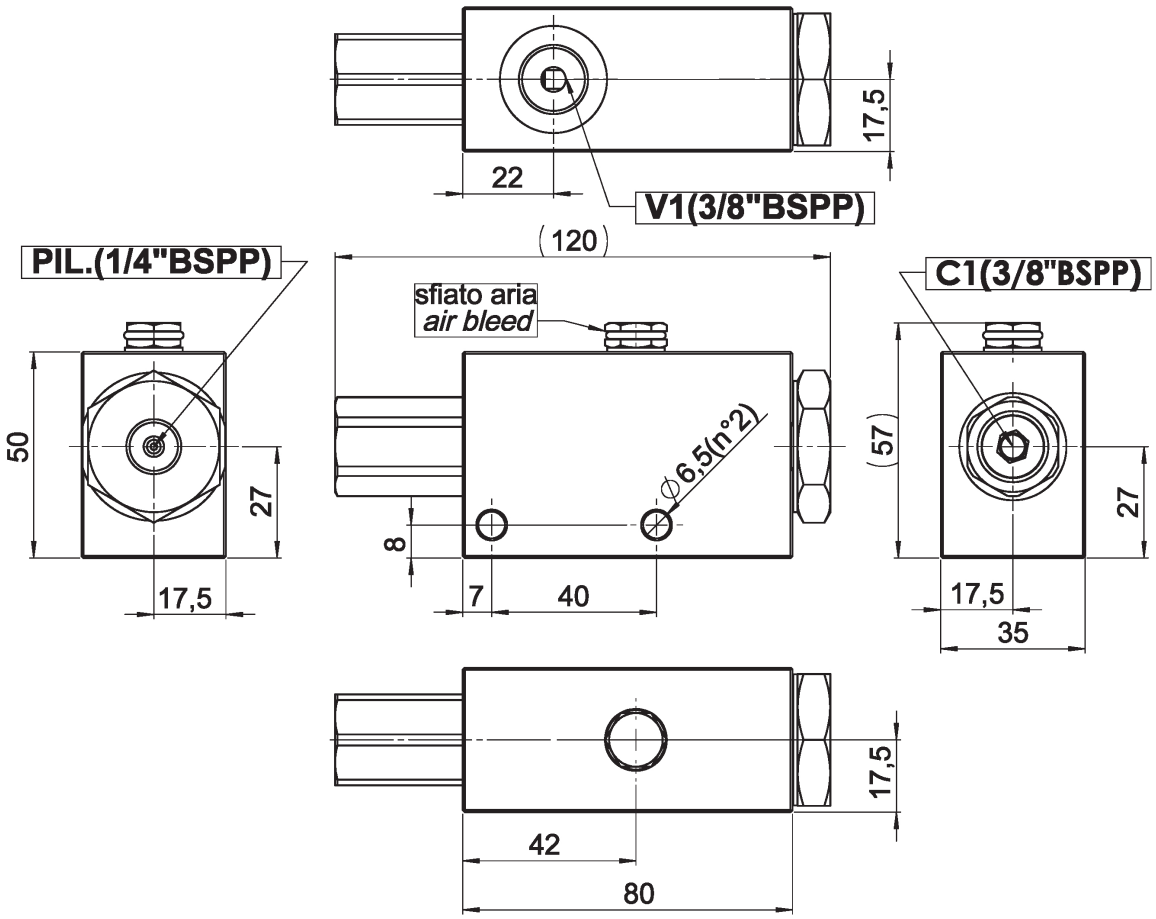


V1 ► C1



Valvola di blocco pilotata semplice bilanciata, montaggio in linea
Single pilot operated check valve, fully balanced, line mounted

Rev.01-2010/02

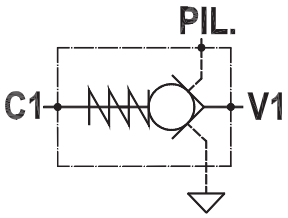


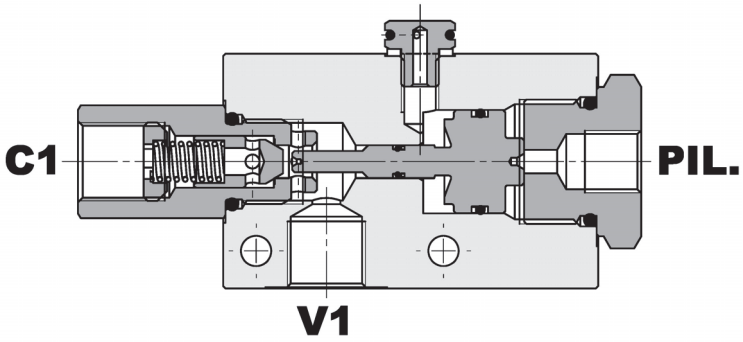
ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P S F B | L | 3 / 8 | *

Guarnizioni – *Seals:*
V=Viton *
Omettere se BUNA-N – *Omit if BUNA-N*

Valvola di blocco pilotata semplice bilanciata, montaggio in linea
Single pilot operated check valve, fully balanced, line mounted





SPECIFICHE TECNICHE

Materiali: corpo in in alluminio. I componenti interni sono in acciaio trattato termicamente e rettificati.
Portata max.: 30 l/min
Pressione max.: 250 bar
Rapporto di pilotaggio: 10 : 1
Pressione di apertura: 10 bar
Peso: 0,550 Kg

TECHNICAL SPECIFICATIONS

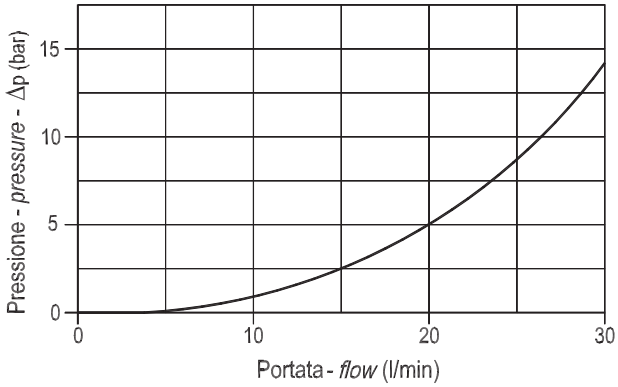
Materials: *body is in aluminium. Internal parts are in hardened and ground steel.*
Rated flow: *30 l/min*
Max. pressure: *250 bar*
Pilot ratio: *10 : 1*
Cracking pressure: *10 bar*
Weight: *0,550 Kg*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

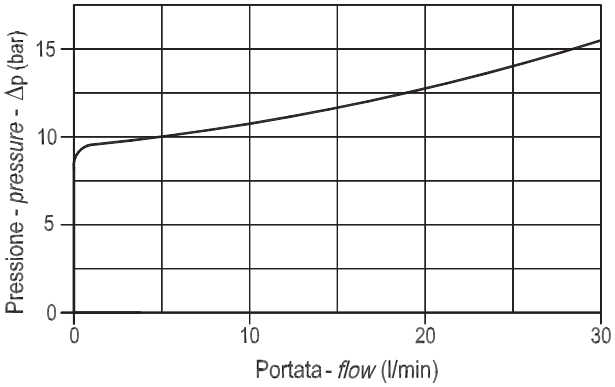
Viscosità olio 24 mm^2/sec. (3,5 °E)
Temperatura 50 °C

Oil viscosity 24 mm^2/sec. (3,5 °E)
Temperature 50 °C

C1 ► V1

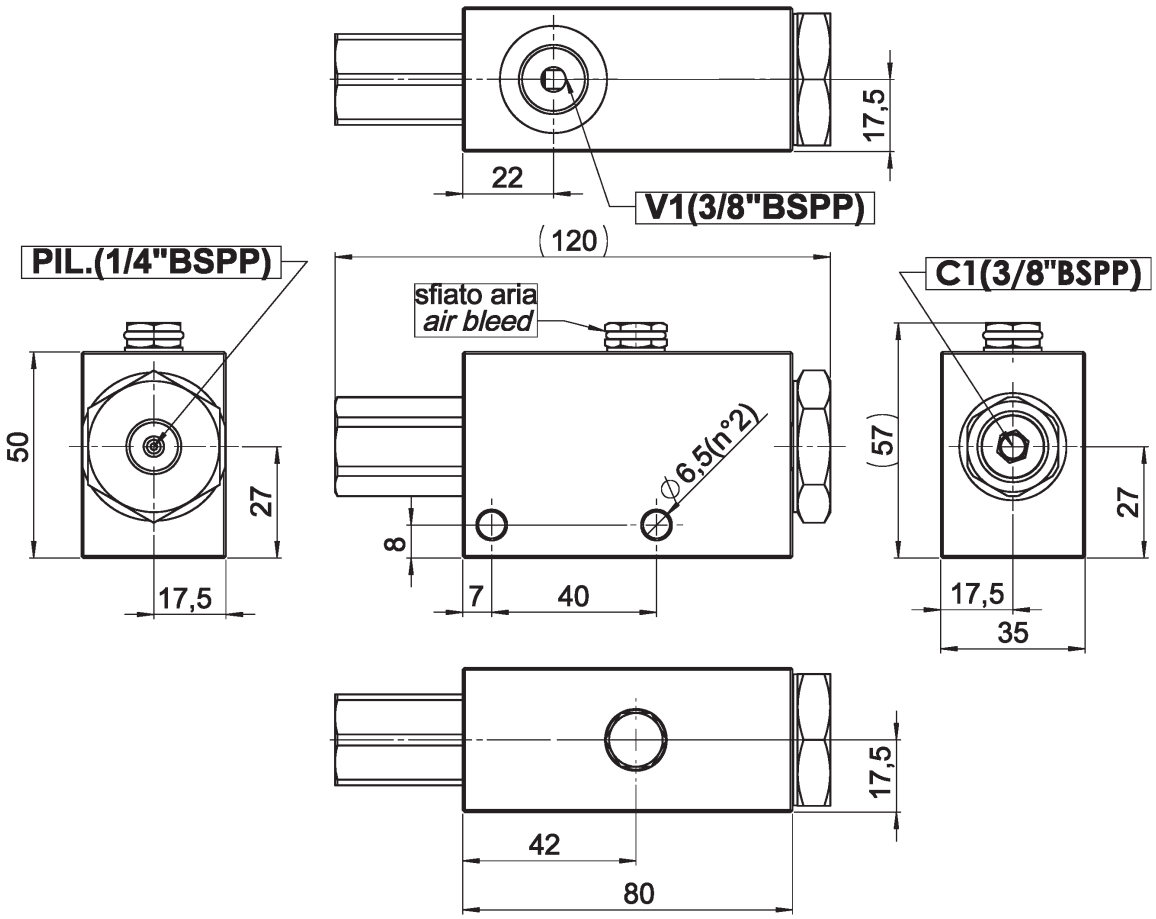


V1 ► C1



Valvola di blocco pilotata semplice bilanciata, montaggio in linea
Single pilot operated check valve, fully balanced, line mounted

Rev.01-2010/02

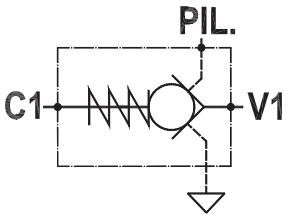


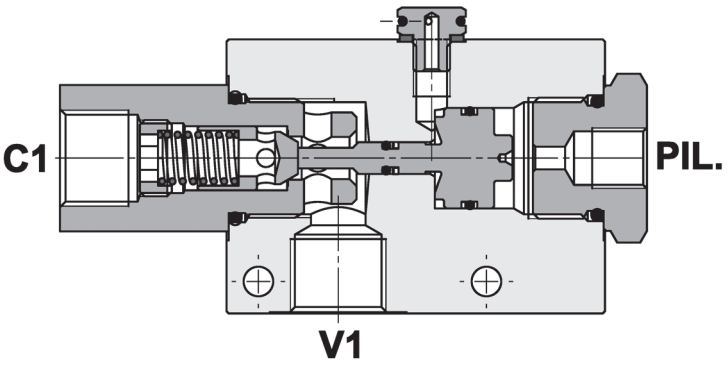
ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P S F B | L | 3 / 8 | *

Guarnizioni – *Seals:*
V=Viton *
Omettere se BUNA-N – *Omit if BUNA-N*

Valvola di blocco pilotata semplice bilanciata, montaggio in linea
Single pilot operated check valve, fully balanced, line mounted





SPECIFICHE TECNICHE

Materiali: corpo in in alluminio. I componenti interni sono in acciaio trattato termicamente e rettificati.
Portata max.: 60 l/min
Pressione max.: 250 bar
Rapporto di pilotaggio: 5.4 : 1
Pressione di apertura: 10 bar
Peso: 0,850 Kg

TECHNICAL SPECIFICATIONS

Materials: *body is in aluminium. Internal parts are in hardened and ground steel.*
Rated flow: *60 l/min*
Max. pressure: *250 bar*
Pilot ratio: *5.4 : 1*
Cracking pressure: *10 bar*
Weight: *0,850 Kg*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

Viscosità olio 24 mm²/sec. (3,5 °E)
Temperatura 50 °C

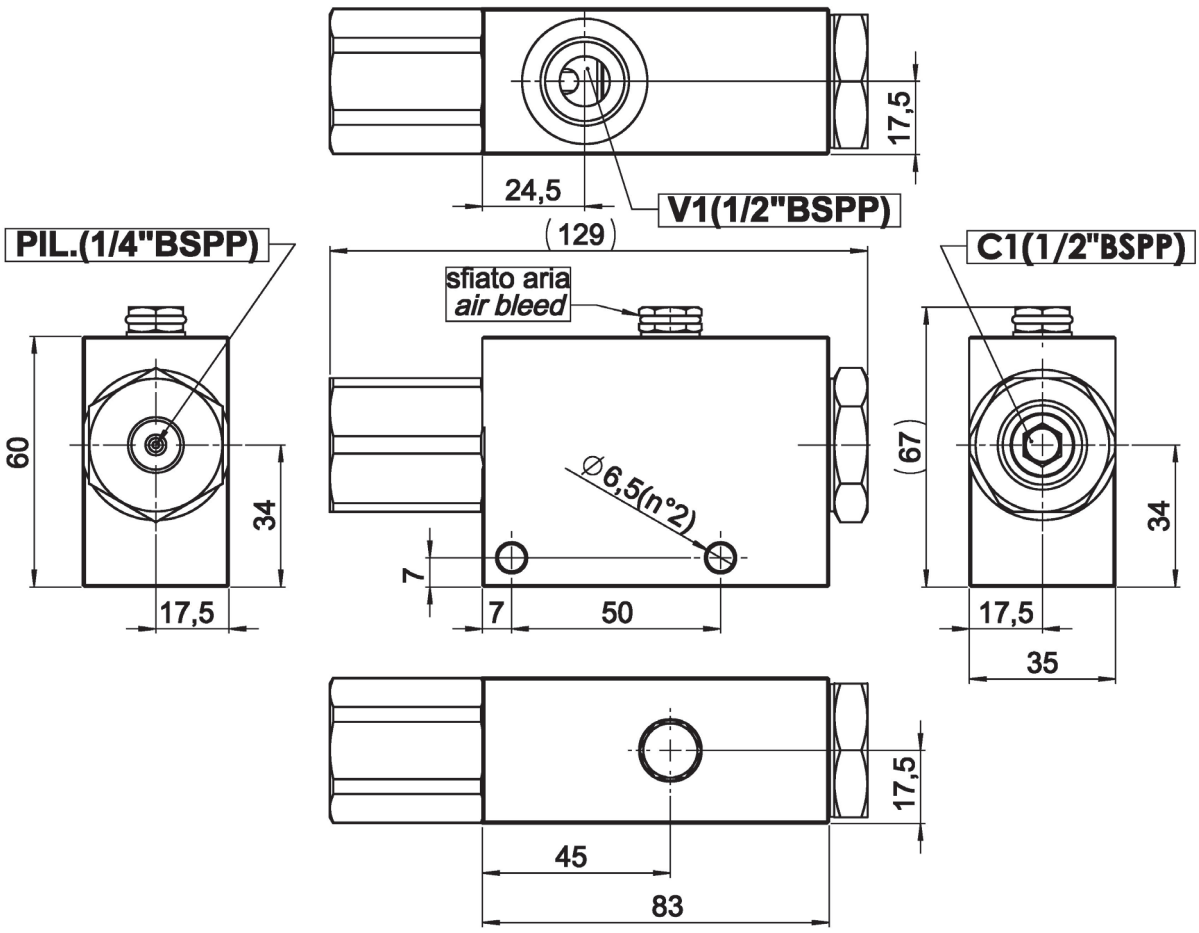
Oil viscosity 24 mm²/sec. (3,5 °E)
Temperature 50 °C

C1 ► V1

V1 ► C1

Valvola di blocco pilotata semplice bilanciata, montaggio in linea
Single pilot operated check valve, fully balanced, line mounted

Rev.01-2010/08



ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P S F B | L | 1 / 2 | *

Guarnizioni – *Seals:*
V=Viton *
Omettere se BUNA-N – *Omit if BUNA-N*