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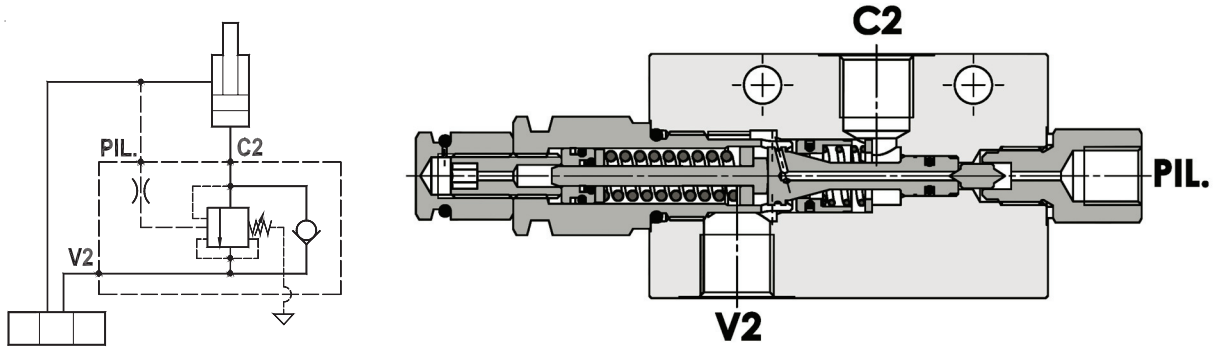
Valvola overcenter singola parzialmente bilanciata, montaggio in linea
Partially balanced single overcenter valve, line mounted



SPECIFICHE TECNICHE

Materiali: corpo in acciaio zincato. I componenti interni sono in acciaio trattato termicamente.
Portata: fino a 50 l/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 : 4.25 (a richiesta 1 : 8, 1 : 11)
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag. 02

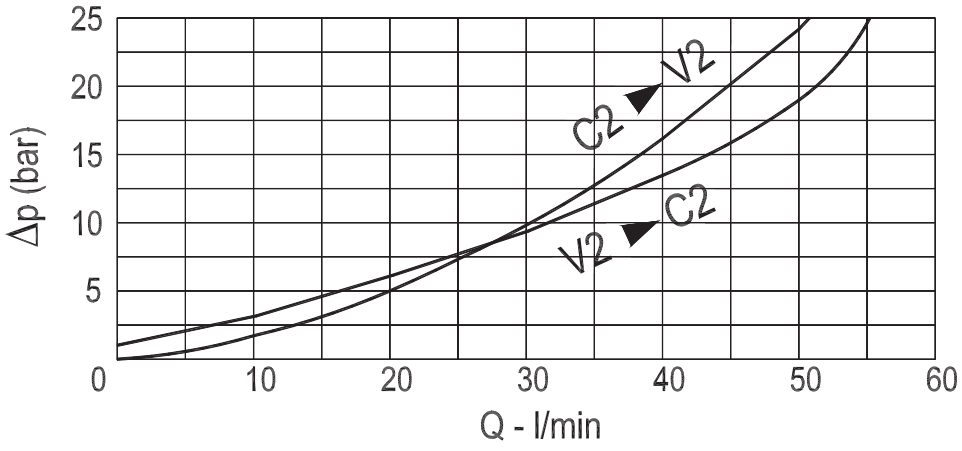
TECHNICAL SPECIFICATIONS

Materials: *body is steel made zinc plated. Internal parts are in hardened steel.*
Rated flow: *up to 50 l/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 4.25 (1 : 8 and 1 : 11 on request)*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

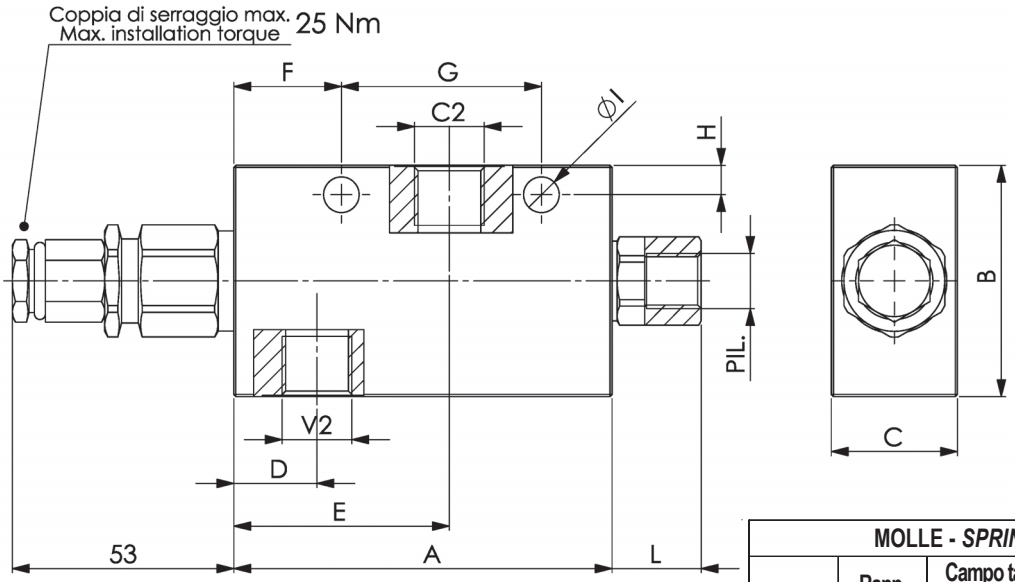
Viscosità olio 24 mm^2/sec. (3,5 °E)
Temperatura 50 °C

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



Valvola overcenter singola parzialmente bilanciata, montaggio in linea
Partially balanced single overcenter valve, line mounted

Rev.03-2010/08



MOLLE - *SPRINGS*				*
Codice *Code*	Rapp. pil. *Pilot ratio*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
20	1 : 4.25	60 – 210	70	170
	1 : 8	60 – 220	50	
	1 : 11	60 – 250	90	
35	1 : 4.25	80 – 350	120	280
	1 : 8	100 – 350	85	
	1 : 11	80 – 350	150	

TIPO *TYPE*	V2-C2	PIL.	A	B	C	D	E	F	G	H	I	PESO *WEIGHT*
	BSPP	BSPP	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg
FPOB-50-S-1/4"-L	1/4"	1/4"	90	55	30	19,5	51	25,6	47,6	11	8,5	1.020
FPOB-50-S-3/8"-L	3/8"	1/4"	90	55	30	19,5	51	25,6	47,6	11	8,5	1.020
FPOB-50-S-1/2"-L	1/2"	1/4"	90	65	35	19,5	51	25,6	47,6	11	8,5	1.450

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P O B | 5 0 | S | 1 / 4 | L | 2 0 | B | *

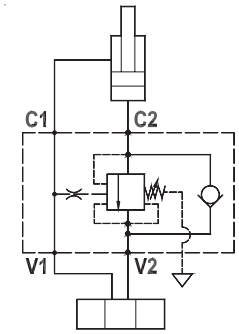
* 1/4 – 1/4" BSPP
3/8 – 3/8" BSPP
1/2 – 1/2" BSPP
Connessioni - *Port sizes*

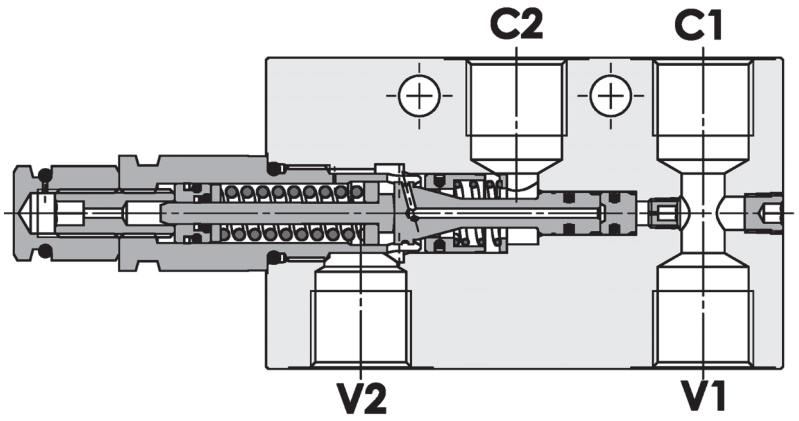
* "20" / "35":
Campi di taratura pressione - *Adjustable pressure*

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

Rapporto di pilotaggio – *Pilot ratio*
Omettere se standard – *Omit if standard* *
B = 1 : 8, C = 1 : 11

Valvola overcenter singola parzialmente bilanciata, montaggio in linea, pilotaggio interno
Partially balanced single overcenter valve, line mounted, internal pilot





SPECIFICHE TECNICHE

Materiali: corpo in acciaio zincato. I componenti interni sono in acciaio trattato termicamente.
Portata: fino a 50 l/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 : 4.25 (a richiesta 1 : 8, 1 : 11)
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag. 02

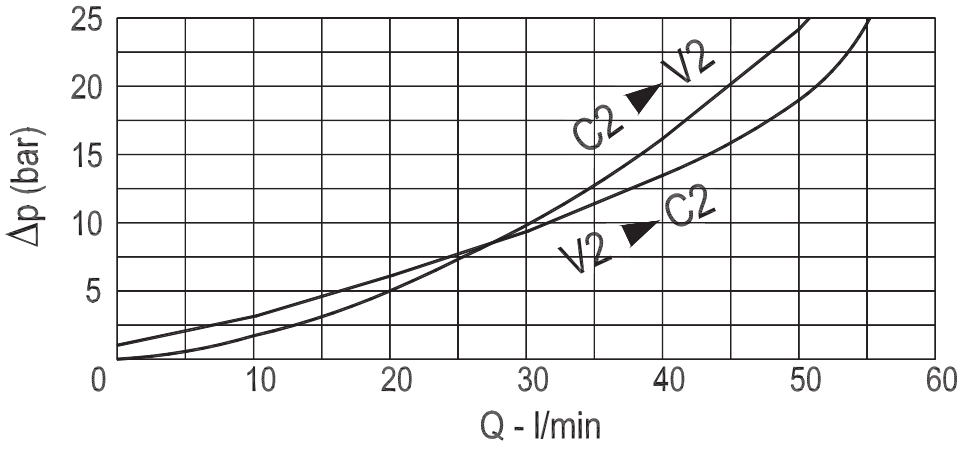
TECHNICAL SPECIFICATIONS

Materials: *body is steel made zinc plated. Internal parts are in hardened steel.*
Rated flow: *up to 50 l/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 4.25 (1 : 8 and 1: 11 on request)*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

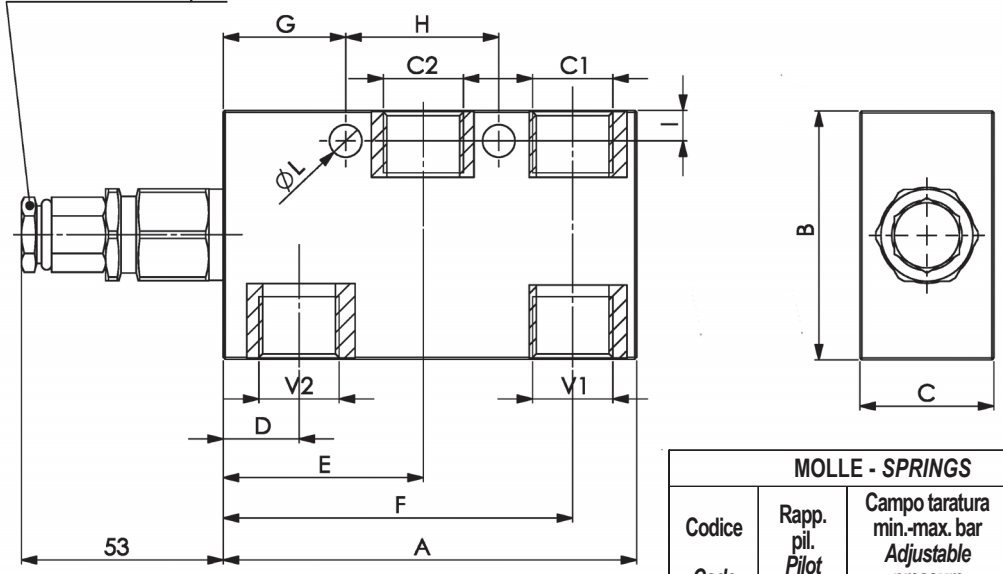
Viscosità olio 24 mm²/sec. (3,5 °E)
Temperatura 50 °C

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



Valvola overcenter singola parzialmente bilanciata, montaggio in linea, pilotaggio interno
Partially balanced single overcenter valve, line mounted, internal pilot

Coppia di serraggio max. *Max. installation torque* 25 Nm



MOLLE - *SPRINGS*				*
Codice *Code*	Rapp. pil. *Pilot ratio*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
20	1 : 4.25	60 – 210	70	170
	1 : 8	60 – 220	50	
	1 : 11	60 – 250	90	
35	1 : 4.25	80 – 350	120	280
	1 : 8	100 – 350	85	
	1 : 11	80 – 350	150	

TIPO *TYPE*	V1-C1 V2-C2	A	B	C	D	E	F	G	H	I	L	PESO *WEIGHT*
	BSPP	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg
FPOB-50-S-1/4"-L-P	1/4"	108	55	30	19.5	52	91	32	40	8	8.5	1.200
FPOB-50-S-3/8"-L-P	3/8"	108	55	30	19.5	52	91	32	40	8	8.5	1.200
FPOB-50-S-1/2"-L-P	1/2"	108	65	35	19.5	52	91	32	40	8	8.5	1.820

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P O B | 5 0 | S | 1 / 4 | L | P | 2 0 | B | *

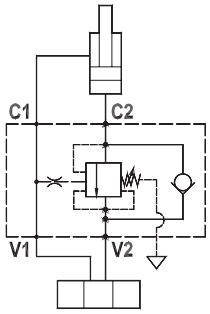
* 1/4 – 1/4" BSPP
3/8 – 3/8" BSPP
1/2 – 1/2" BSPP
Connessioni - *Port sizes*

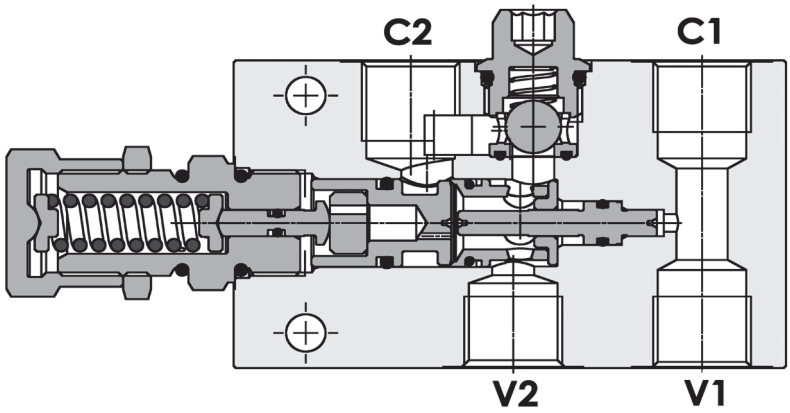
* "20" / "35":
Campi di taratura pressione - *Adjustable pressure*

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

Rapporto di pilotaggio – *Pilot ratio*
Omettere se standard – *Omit if standard* *
B = 1 : 8, C = 1 : 11

Valvola overcenter singola parzialmente bilanciata, montaggio in linea, pilotaggio interno, serie E
Partially balanced single overcenter valve, line mounted, internal pilot, E series





SPECIFICHE TECNICHE

Materiali: corpo in alluminio. I componenti interni sono in acciaio trattato termicamente.
Portata max.: 70 l/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 : 3.2 (a richiesta 1 : 8.2)
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag.02
Peso: 0,700 Kg

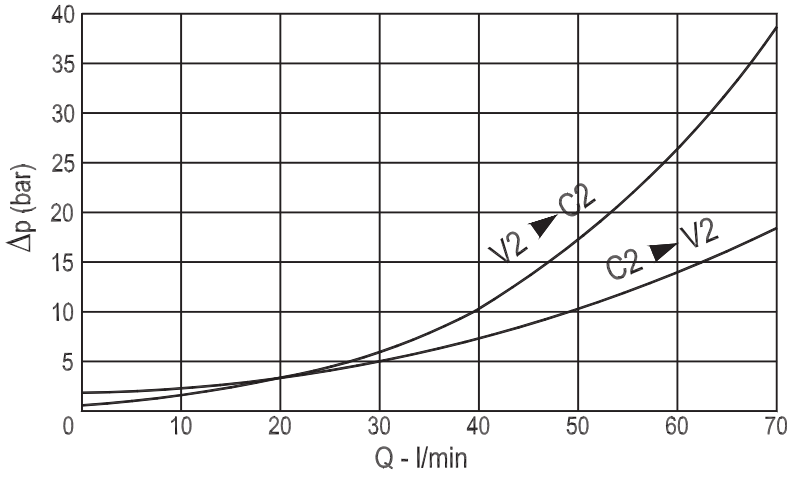
TECHNICAL SPECIFICATIONS

Materials: *body is in aluminium alloy. Internal parts are in hardened steel.*
Rated flow: *up to 70 l/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 3.2 (standard), 1 : 8.2 on request*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*
Weight: *0,700 Kg*

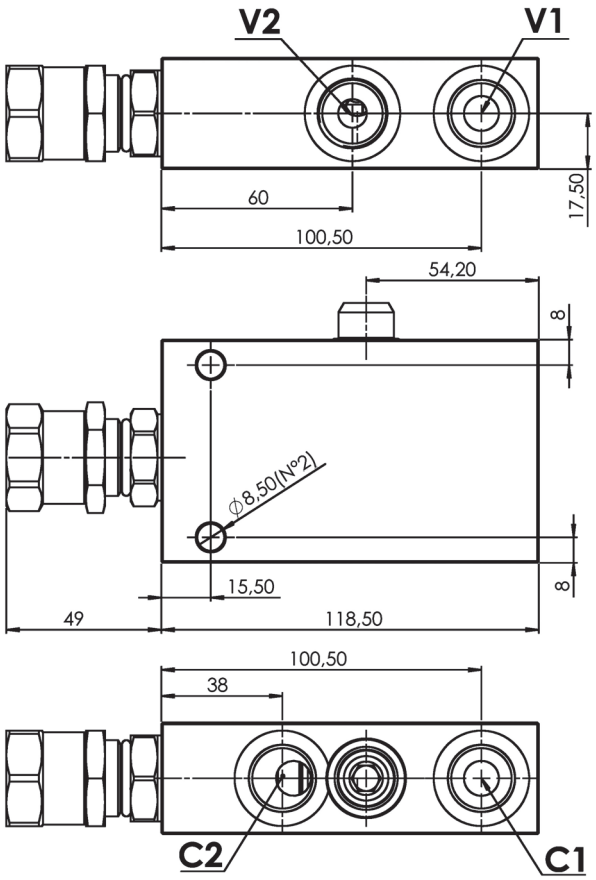
DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

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

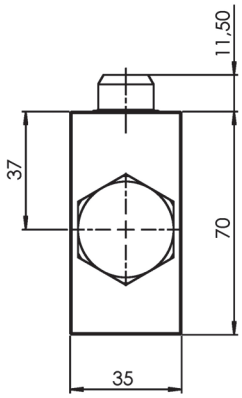
Oil viscosity 24 mm^2/sec. (3,5 °E)
Temperature 50 °C



Valvola overcenter singola parzialmente bilanciata, montaggio in linea, pilotaggio interno, serie E
Partially balanced single overcenter valve, line mounted, internal pilot, E series



C1-C2-V1-V2: 1/2"BSP



MOLLE - *SPRINGS*				*
Codice *Code*	Rapp. pil. *Pilot ratio*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
20	1 : 3.2	60 – 210	56	200
20	1 : 8.2	60 – 210	56	200
35	1 : 3.2	120 – 350	90	350
35	1 : 8.2	120 – 350	90	350

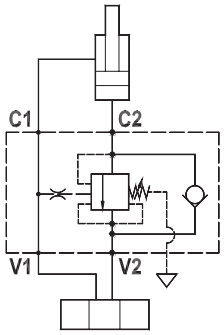
ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

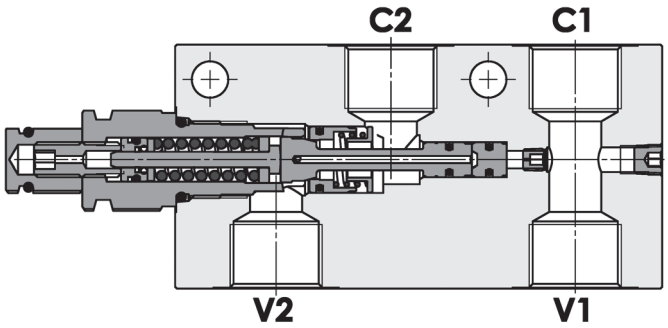
F	P	O	E	B	7	0	S	1 / 2	L	P	A	2	0	B

* "20" / "35":
Campi di taratura pressione - *Adjustable pressure*

Rapporto di pilotaggio
Pilot ratio
Omettere se standard *
Omit if standard
B = 1 : 8.2

Valvola overcenter singola parzialmente bilanciata, montaggio in linea, pilotaggio interno
Partially balanced single overcenter valve, line mounted, internal pilot





SPECIFICHE TECNICHE

Materiali: corpo in acciaio zincato. I componenti interni sono in acciaio trattato termicamente.
Portata max.: 90 L/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 . 4.2
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag.02
Peso: 2.750 Kg

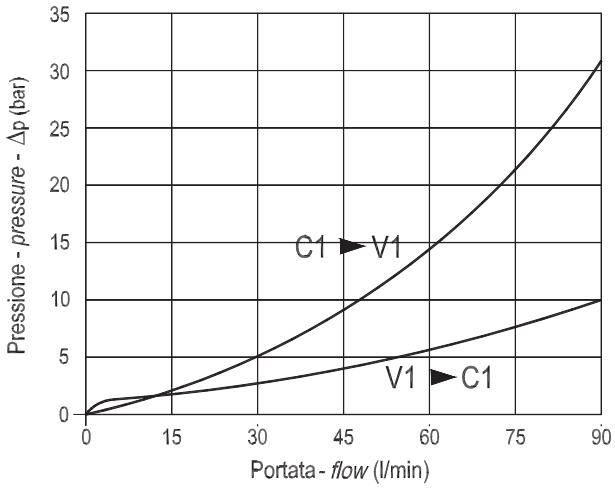
TECHNICAL SPECIFICATIONS

Materials: *body is in steel zinc plated. Internal parts are in hardened steel.*
Rated flow: *up to 90 L/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 4.2*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*
Weight:: *2.750 Kg*

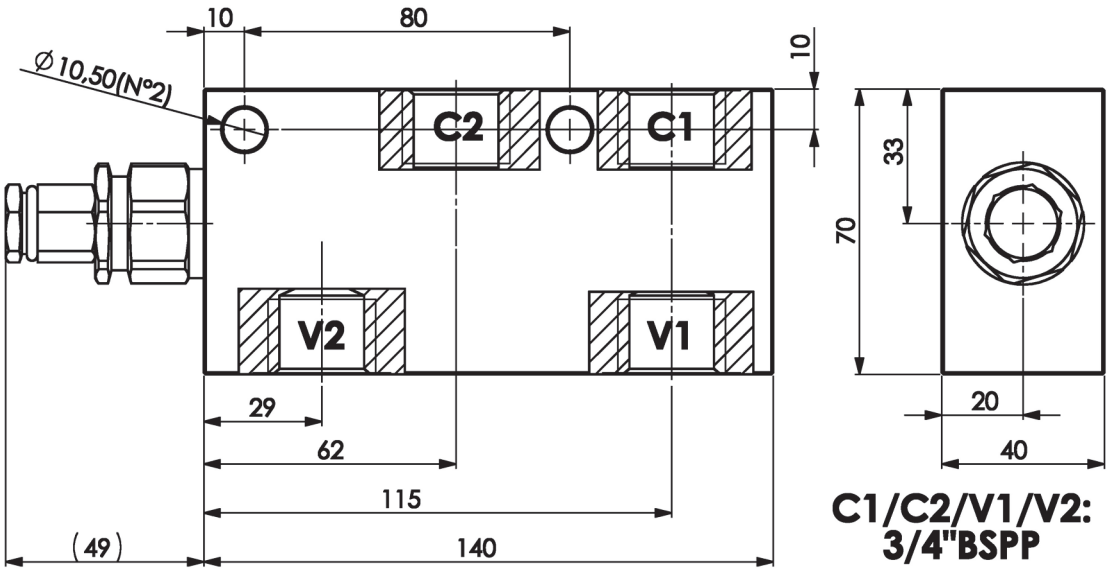
DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

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

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



Valvola overcenter singola parzialmente bilanciata, montaggio in linea, pilotaggio interno
Partially balanced single overcenter valve, line mounted, internal pilot



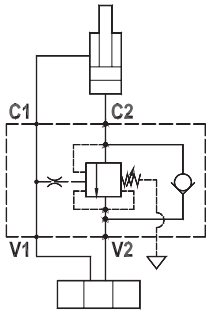
MOLLE - *SPRINGS*			*
Codice *Code*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
35	100 – 350	109	280

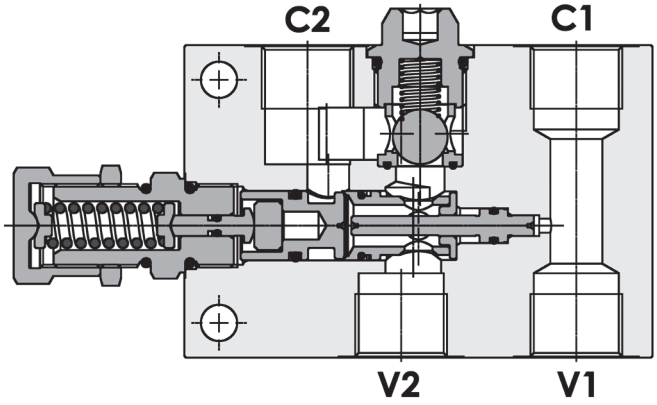
ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P O B	9 0	S	3 / 4	L	P	3 5

Valvola overcenter singola parzialmente bilanciata, montaggio in linea, pilotaggio interno, serie E
Partially balanced single overcenter valve, line mounted, internal pilot, E series

Rev.02-2010/05





SPECIFICHE TECNICHE

Materiali: corpo in alluminio. I componenti interni sono in acciaio trattato termicamente.
Portata max.: 120 l/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 : 3.2 (a richiesta 1 : 8.2)
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag.02
Peso: 1,300 Kg

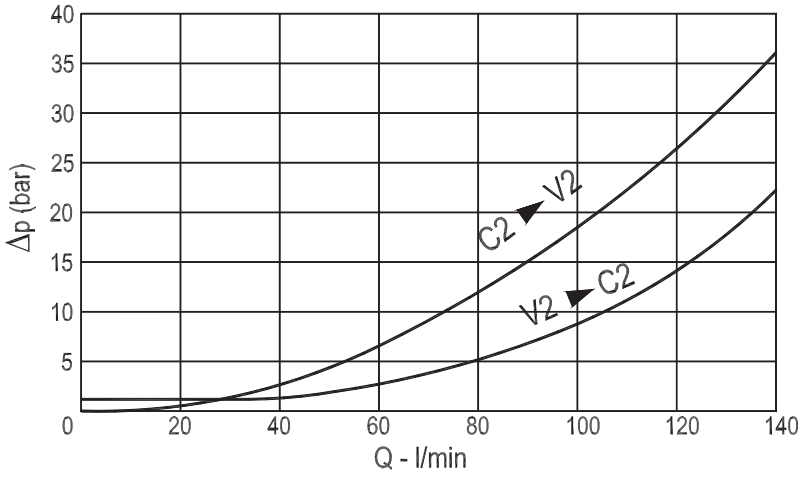
TECHNICAL SPECIFICATIONS

Materials: *body is in aluminium alloy. Internal parts are in hardened steel.*
Rated flow: *up to 120 l/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 3.2 (standard), 1 : 8.2 on request*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*
Weight: *1,300 Kg*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

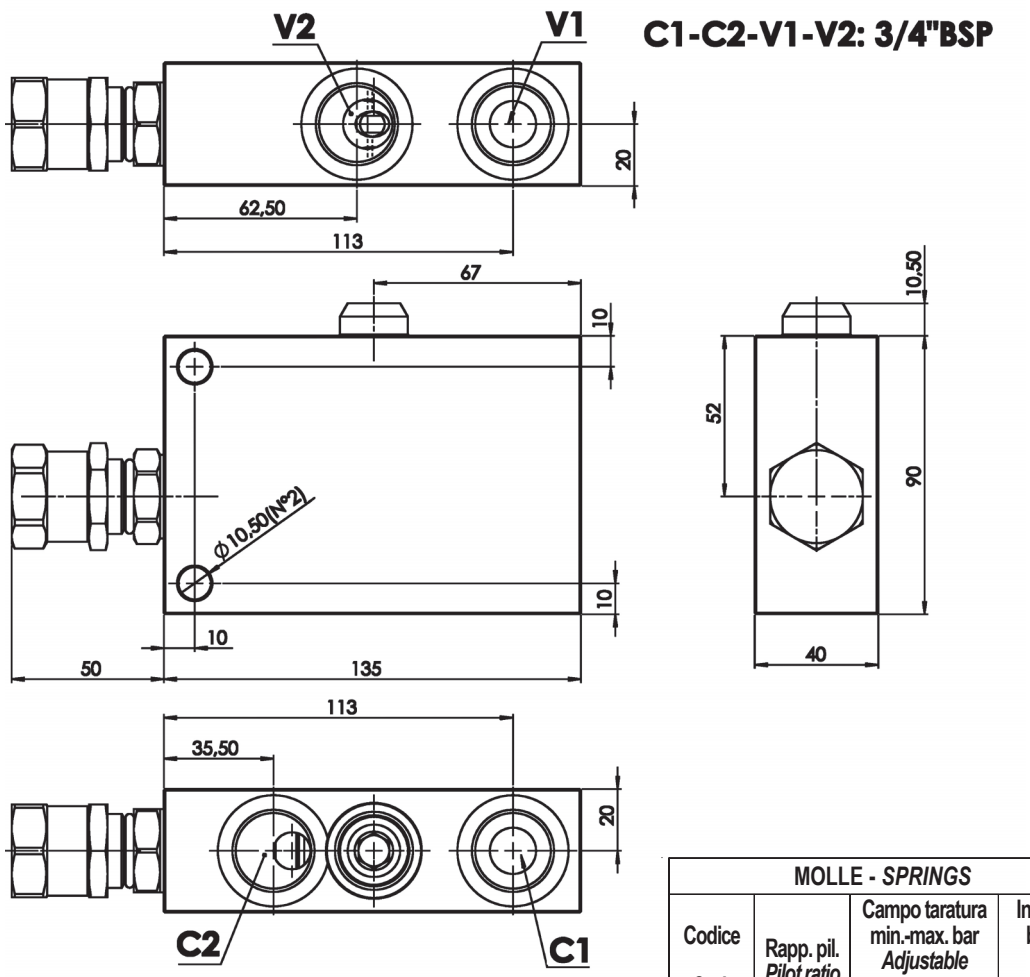
Viscosità olio 24 mm^2/sec. (3,5 °E)
Temperatura 50 °C

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



Valvola overcenter singola parzialmente bilanciata, montaggio in linea, pilotaggio interno, serie E
Partially balanced single overcenter valve, line mounted, internal pilot, E series

Rev.02-2010/05



MOLLE - *SPRINGS*				*
Codice *Code*	Rapp. pil. *Pilot ratio*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
20	1 : 3.2	60 – 210	56	200
	1 : 8.2	60 – 210	56	200
35	1 : 3.2	120 – 350	90	350
	1 : 8.2	120 – 350	90	350

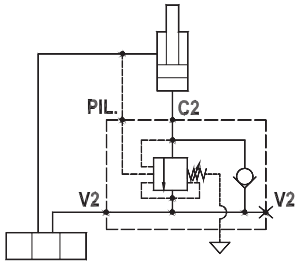
ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

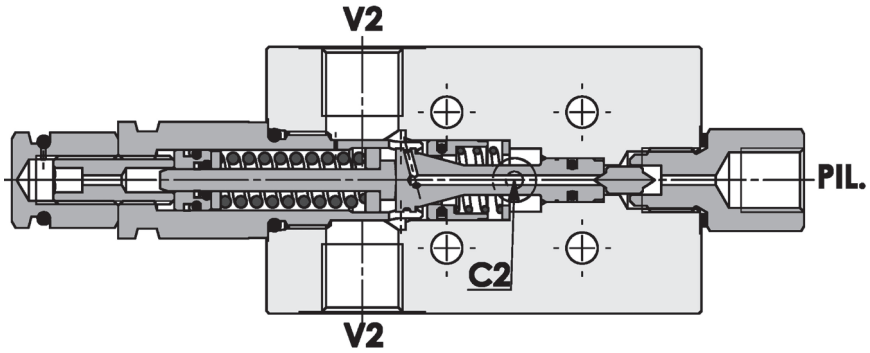
F	P	O	E	B	1	2	0	S	3 / 4	L	P	A	2 0	B

* "20" / "35":
Campi di taratura pressione - *Adjustable pressure*

Rapporto di pilotaggio
Pilot ratio
Omettere se standard *
Omit if standard
B = 1 : 8.2

Valvola overcenter singola parzialmente bilanciata, montaggio a flangia
Partially balanced single overcenter valve, gasket mounted





SPECIFICHE TECNICHE

Materiali: corpo in acciaio zincato. I componenti interni sono in acciaio trattato termicamente.
Portata: fino a 50 l/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 : 4.25 (a richiesta 1 : 8)
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag. 02

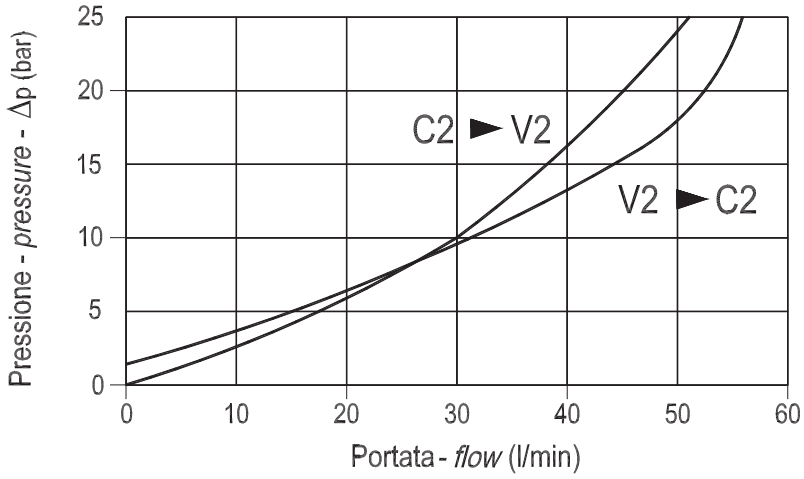
TECHNICAL SPECIFICATIONS

Materials: *body is steel made zinc plated. Internal parts are in hardened steel.*
Rated flow: *up to 50 l/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 4.25 (standard), 1 : 8 on request*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

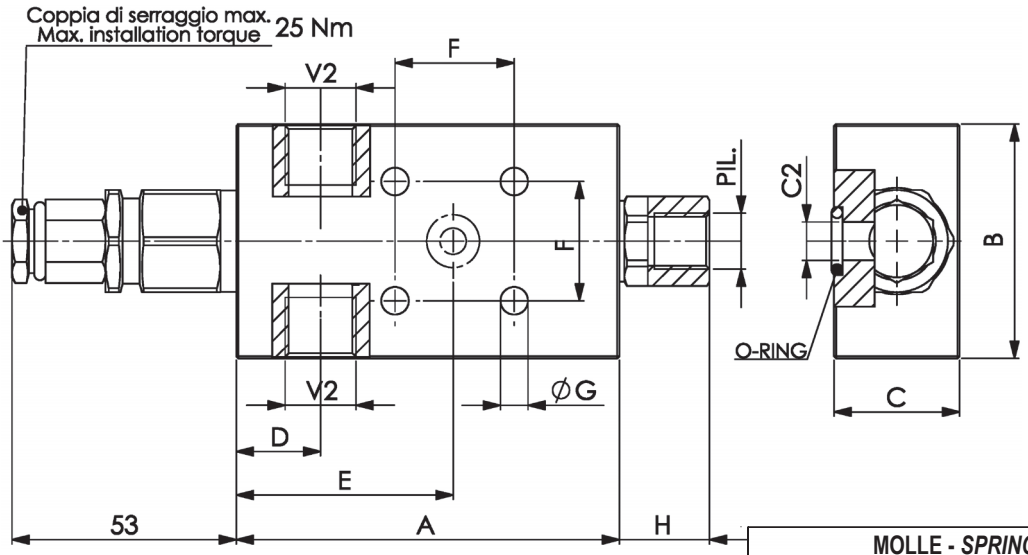
Viscosità olio 24 mm^2/sec. (3,5 °E)
Temperatura 50 °C

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



Valvola overcenter singola parzialmente bilanciata, montaggio a flangia
Partially balanced single overcenter valve, gasket mounted

Rev.03-2010/08



MOLLE - *SPRINGS*				*
Codice *Code*	Rapp. pil. *Pilot ratio*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
20	1 : 4.25	60 – 210	70	170
	1 : 8	60 – 220	50	
	1 : 11	60 – 250	90	
35	1 : 4.25	80 – 350	120	280
	1 : 8	100 – 350	85	
	1 : 11	80 – 350	150	

TIPO *TYPE*	V2	C2	PIL.	A	B	C	D	E	F	G	H	O-RING	PESO *WEIGHT*
	BSPP	mm	BSPP	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg
FPOB-50-S-1/4"-1F	1/4"	9	1/4"	90	55	30	19	51	28	6.5	21	10.77x2.62	1.000
FPOB-50-S-3/8"-1F	3/8"	9	1/4"	90	55	30	19	51	28	6.5	21	10.77x2.62	1.000
FPOB-50-S-1/2"-1F	1/2"	9	1/4"	90	65	35	19	51	28	6.5	21	10.77x2.62	1.500

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

FPOB	50	S	1/4	1F	20	B	*

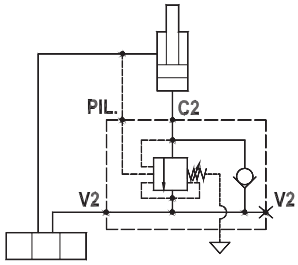
* 1/4 – 1/4" BSPP
3/8 – 3/8" BSPP
1/2 – 1/2" BSPP
Connessioni - *Port sizes*

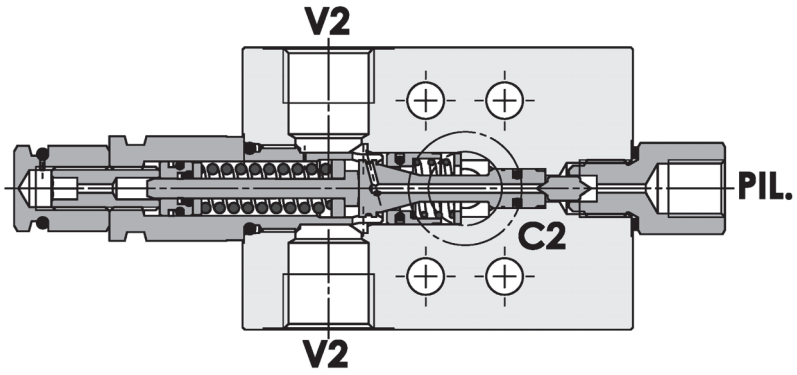
* "20" / "35":
Campi di taratura pressione - *Adjustable pressure*

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

Rapporto di pilotaggio – *Pilot ratio*
Omettere se standard – *Omit if standard* *
B = 1 : 8, C = 1 : 11

Valvola overcenter singola parzialmente bilanciata, montaggio a flangia, SAE 6000
Partially balanced single overcenter valve, gasket mounted, SAE 6000





SPECIFICHE TECNICHE

Materiali: corpo in acciaio zincato. I componenti interni sono in acciaio trattato termicamente.
Portata max.: 50 l/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 : 4.25 (a richiesta 1 : 8, 1 : 11)
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag.02

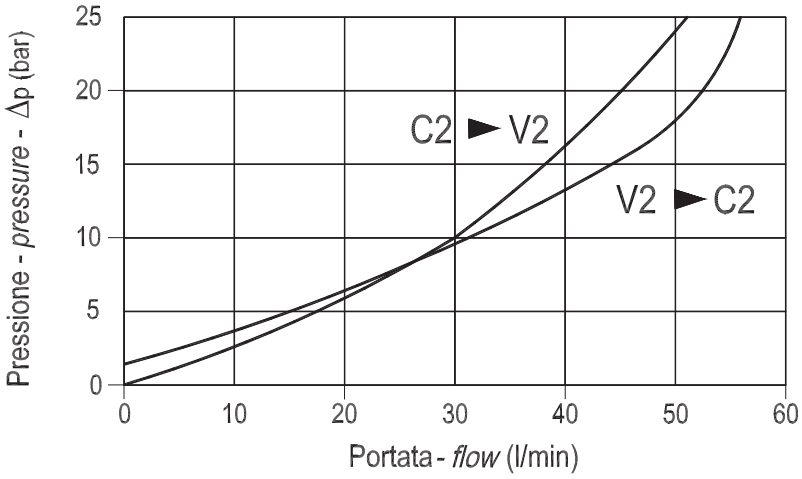
TECHNICAL SPECIFICATIONS

Materials: *body is steel made zinc plated. Internal parts are in hardened steel.*
Rated flow: *up to 50 l/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 4.25 (1 : 8 and 1 : 11 on request)*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

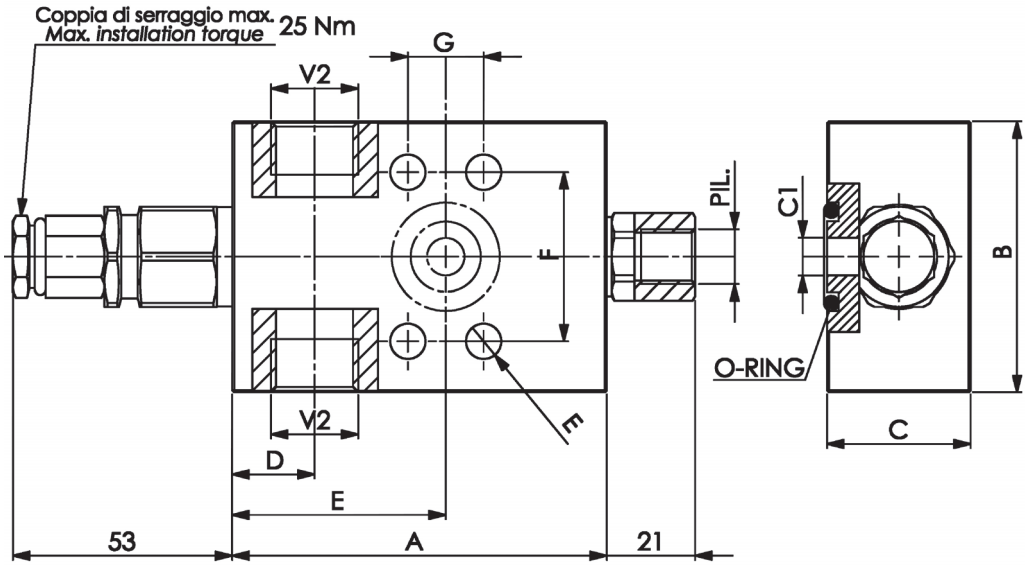
Viscosità olio 24 mm^2/sec. (3,5 °E)
Temperatura 50 °C

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



Valvola overcenter singola parzialmente bilanciata, montaggio a flangia, SAE 6000
Partially balanced single overcenter valve, gasket mounted, SAE 6000

Rev.03-2010/08



MOLLE - *SPRINGS*				*
Codice *Code*	Rapp. pil. *Pilot ratio*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
20	1 : 4.25	60 – 210	70	170
	1 : 8	60 – 220	50	
	1 : 11	60 – 250	90	
35	1 : 4.25	80 – 350	120	280
	1 : 8	100 – 350	85	
	1 : 11	80 – 350	150	

TIPO *TYPE*	V2	C2	O-RING	PIL.	A	B	C	D	E	F	G	H	PESO *WEIGHT*
	BSPP	mm	mm	BSPP	mm	mm	mm	mm	mm	mm	mm	mm	Kg
FPOB-50-S-1/2"-1F-SAE	1/2"	1/2" SAE 6000	18.64x3.53	1/4"	90	65	34.5	19	51	40.5	18.2	8.5	1,150

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P O B | 5 0 | S | 1 / 2 | 1 F | S A E | 2 0 | B | *

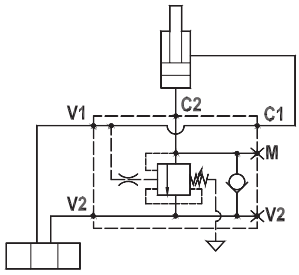
* "20" / "35":
Campi di taratura pressione - *Adjustable pressure*

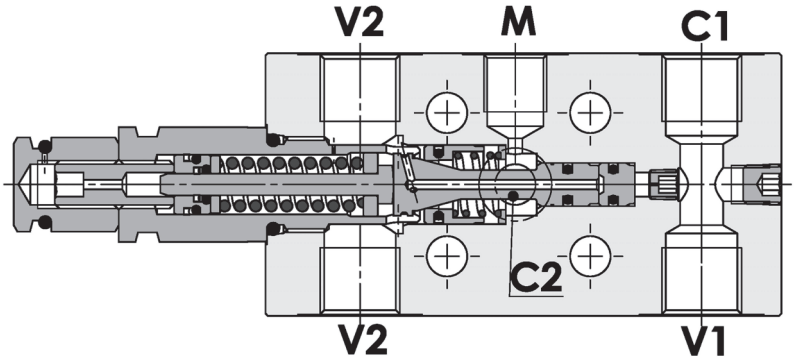
* Rapporto di pilotaggio – *Pilot ratio*
Omettere se standard – *Omit if standard*
B = 1 : 8, C = 1 : 11

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

Valvola overcenter singola parzialmente bilanciata, montaggio con C2 flangiata, V1-C1 contrapposte e attacco manometro
Partially balanced single overcenter valve, gasket mounted, C2 flanged, V1-C1 through ported, gauge port

Rev.03-2010/08





SPECIFICHE TECNICHE

Materiali: corpo in acciaio zincato. I componenti interni sono in acciaio trattato termicamente.
Portata: fino a 50 l/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 : 4.25 (a richiesta 1 : 8, 1 : 11)
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag. 02

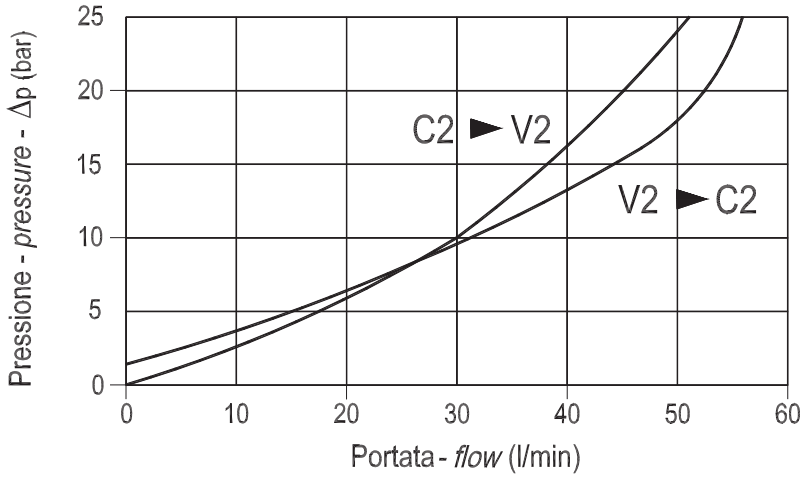
TECHNICAL SPECIFICATIONS

Materials: *body is steel made zinc plated. Internal parts are in hardened steel.*
Rated flow: *up to 50 l/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 4.25 (standard), 1 : 8 and 1 : 11 on request*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

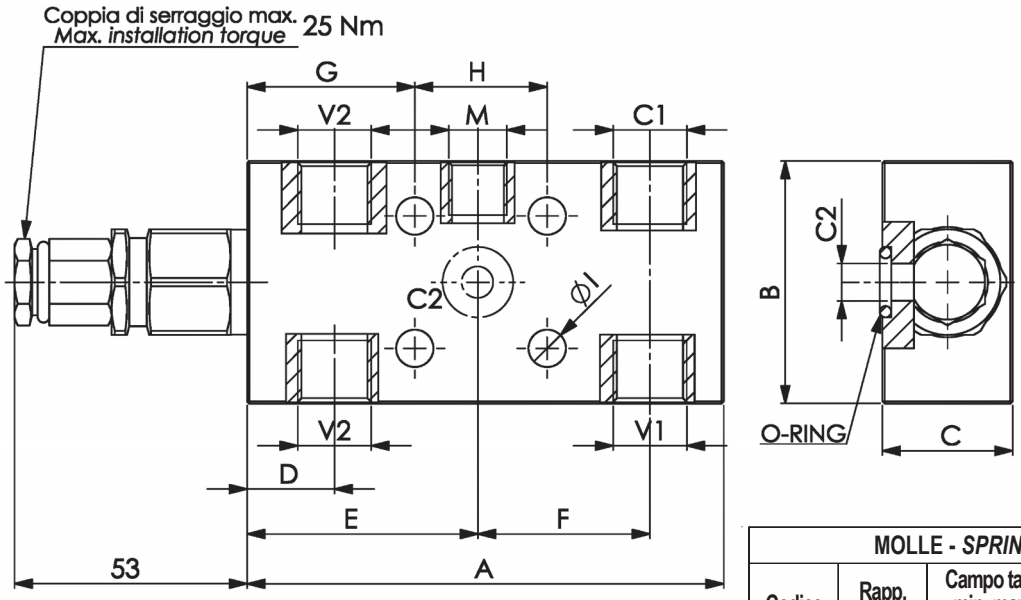
Viscosità olio 24 mm²/sec. (3,5 °E)
Temperatura 50 °C

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



Valvola overcenter singola parzialmente bilanciata, montaggio con C2 flangiata, V1-C1 contrapposte e attacco manometro
Partially balanced single overcenter valve, gasket mounted, C2 flanged, V1-C1 through ported, gauge port

Rev.03-2010/08



MOLLE - *SPRINGS*				*
Codice *Code*	Rapp. pil. *Pilot ratio*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
20	1 : 4.25	60 – 210	70	170
	1 : 8	60 – 220	50	
	1 : 11	60 – 250	90	
35	1 : 4.25	80 – 350	120	280
	1 : 8	100 – 350	85	
	1 : 11	80 – 350	150	

TIPO *TYPE*	V1-C1 V2	C2	A	B	C	D	E	F	G	H	I	O-RING	PESO *WEIGHT*
	BSPP	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg
FPOB 50 S-1/4"-1F-P-M	1/4"	9	108	55	30	19.5	52	39	38	30	8.5	10.77x2.62	1.200
FPOB 50 S-3/8"-1F-P-M	3/8"	9	108	55	30	19.5	52	39	38	30	8.5	10.77x2.62	1.200
FPOB 50 S-1/2"-1F-P-M	1/2"	9	108	65	35	19.5	52	39	37	30	8.5	10.77x2.62	1.800

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P O B | 5 0 | S | 1 / 2 | 1 F | P | M | 2 0 | B | *

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

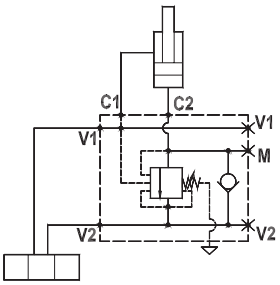
* "20" / "35":
Campi di taratura pressione - *Adjustable pressure*

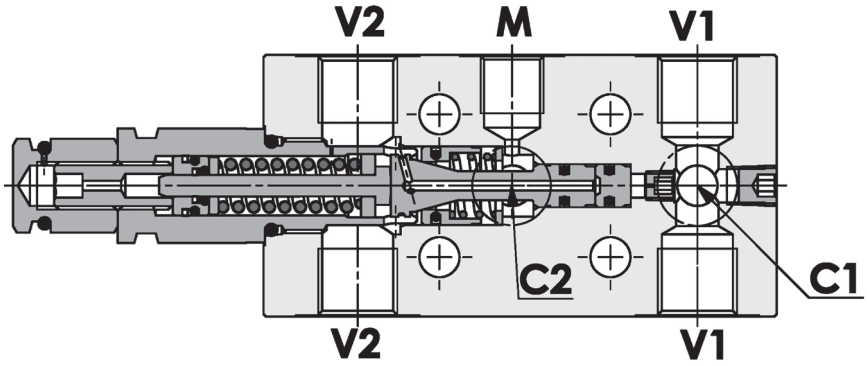
Guarnizioni – *Seals*:
V=Viton
Omettere se BUNA-N *
Omit if BUNA-N

Rapporto di pilotaggio – *Pilot ratio*
Omettere se standard – *Omit if standard* *
B = 1 : 8, C = 1 : 11

Valvola overcenter singola parzialmente bilanciata, montaggio con C1-C2 flangiate, attacco manometro
Partially balanced single overcenter valve, gasket mounted: C1-C2 flanged, pressure gauge port

Rev.03-2010/08





SPECIFICHE TECNICHE

Materiali: corpo in acciaio zincato. I componenti interni sono in acciaio trattato termicamente.
Portata max.: 50 l/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 : 4.25 (a richiesta 1 : 8, 1 : 11)
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag.02

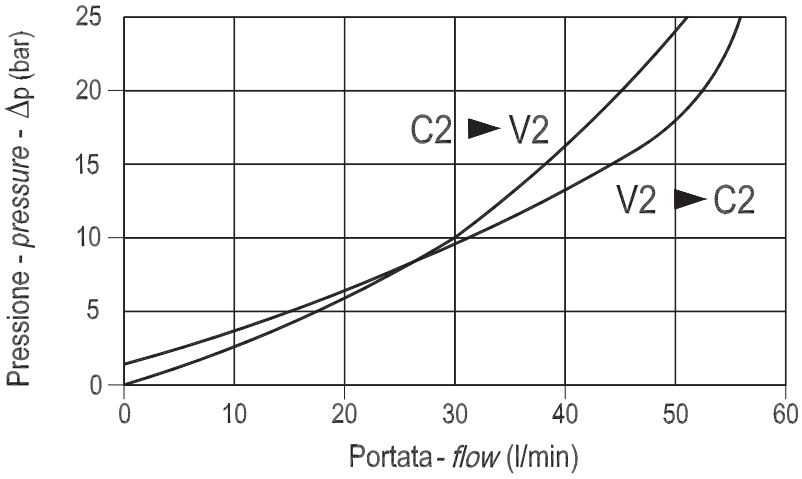
TECHNICAL SPECIFICATIONS

Materials: *body is steel made zinc plated. Internal parts are in hardened steel.*
Rated flow: *up to 50 l/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 4.25 (1 : 8 and 1 : 11 on request)*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

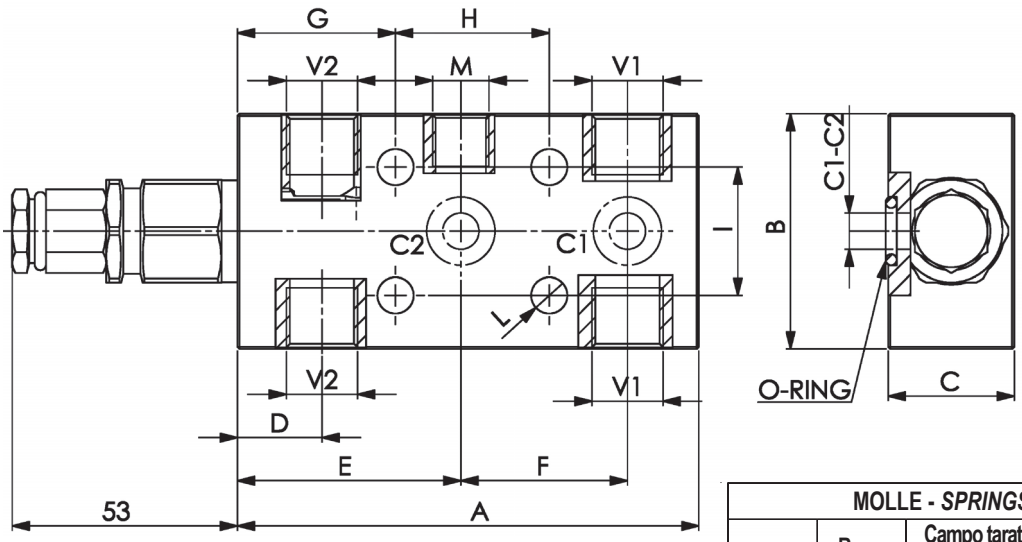
Viscosità olio 24 mm^2/sec. (3,5 °E)
Temperatura 50 °C

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



Valvola overcenter singola parzialmente bilanciata, montaggio con C1-C2 flangiate, attacco manometro
Partially balanced single overcenter valve, gasket mounted: C1-C2 flanged, pressure gauge port

Rev.03-2010/08



MOLLE - *SPRINGS*				*
Codice *Code*	Rapp. pil. *Pilot ratio*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
20	1 : 4.25	60 – 210	70	170
	1 : 8	60 – 220	50	
	1 : 11	60 – 250	90	
35	1 : 4.25	80 – 350	120	280
	1 : 8	100 – 350	85	
	1 : 11	80 – 350	150	

TIPO *TYPE*	V1-V2	C1-C2	A	B	C	D	E	F	G	H	I	L	O-RING	PESO *WEIGHT*
	BSPP	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg
FPOB-50-S-1/4"-2F-P-M	1/4"	9	108	55	30	19.5	52	39	37	36	30	8.5	10.77x2.62	1.210
FPOB-50-S-3/8"-2F-P-M	3/8"	9	108	55	30	19.5	52	39	37	36	30	8.5	10.77x2.62	1.210
FPOB-50-S-1/2"- 2F-P-M	1/2"	9	108	65	35	19.5	52	39	37	36	30	8.5	10.77x2.62	1.790

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P O B | 5 0 | S | 1 / 2 | 2 F | P | M | 2 0 | B | *

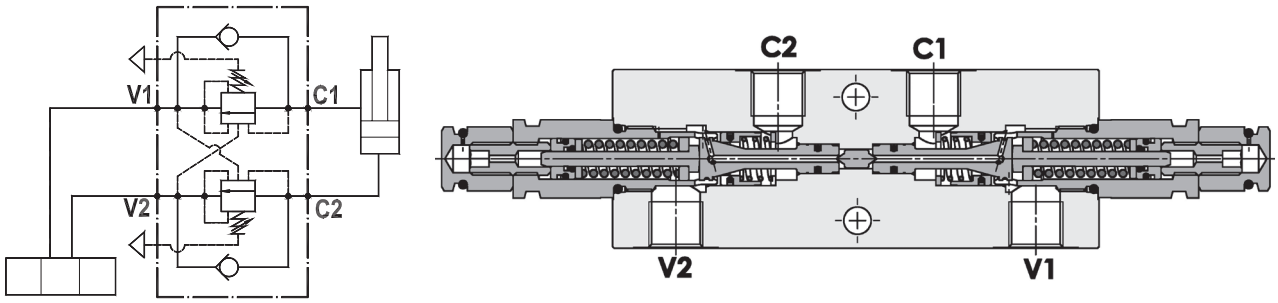
* 1/4 – 1/4" BSPP
3/8 – 3/8" BSPP
1/2 – 1/2" BSPP
Connessioni - *Port sizes*

* "20" / "35":
Campi di taratura pressione - *Adjustable pressure*

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

Rapporto di pilotaggio
Pilot ratio
Omettere se standard *
Omit if standard
B = 1 : 8, C = 1 : 11

Valvola overcenter doppia parzialmente bilanciata, montaggio in linea
Partially balanced dual overcenter valve, line mounted



SPECIFICHE TECNICHE

Materiali: corpo in acciaio zincato. I componenti interni sono in acciaio trattato termicamente.
Portata max.: 50 l/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 : 4.25 (a richiesta 1 : 8, 1 : 11)
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag.02

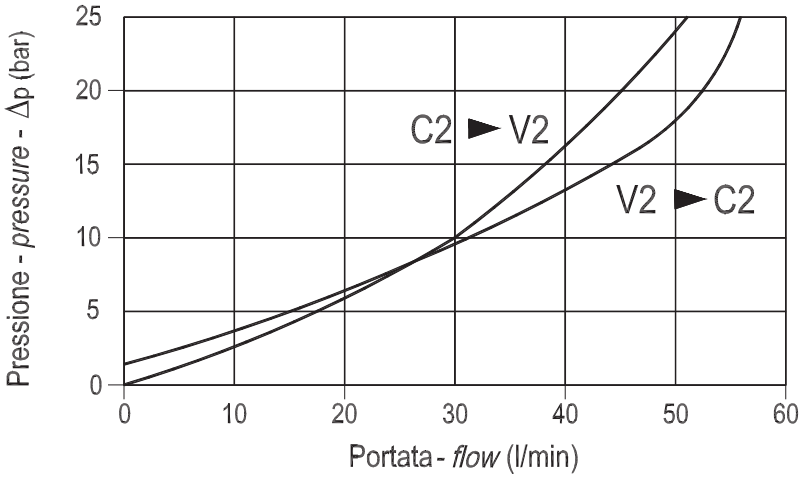
TECHNICAL SPECIFICATIONS

Materials: *body is steel made zinc plated. Internal parts are in hardened steel.*
Rated flow: *up to 50 l/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 4.25 (1 : 8 and 1 : 11 on request)*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

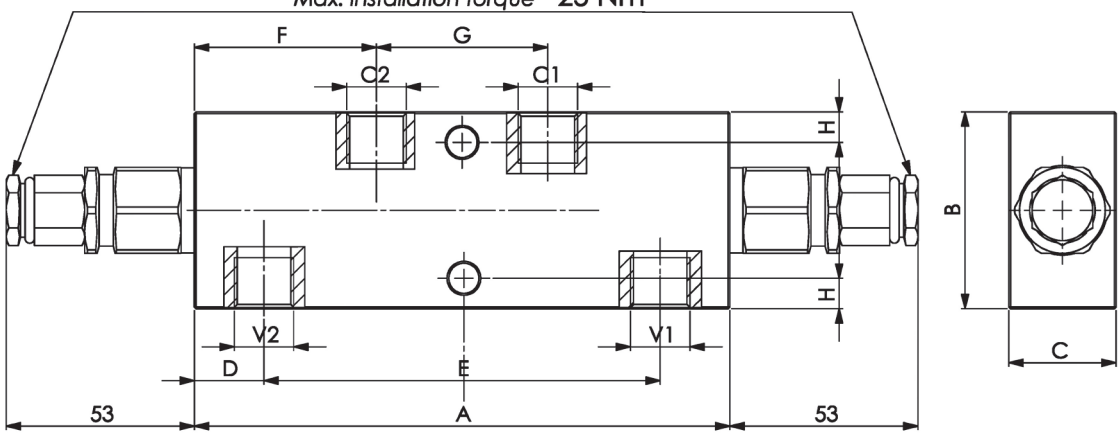
Viscosità olio 24 mm^2/sec. (3,5 °E)
Temperatura 50 °C

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



Valvola overcenter doppia parzialmente bilanciata, montaggio in linea
Partially balanced dual overcenter valve, line mounted

Coppia di serraggio max.
Max. installation torque 25 Nm



MOLLE - *SPRINGS*				*
Codice *Code*	Rapp. pil. *Pilot ratio*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
20	1 : 4.25	60 – 210	70	170
	1 : 8	60 – 220	50	
	1 : 11	60 – 250	90	
35	1 : 4.25	80 – 350	120	280
	1 : 8	100 – 350	85	
	1 : 11	80 – 350	150	

TIPO / TYPE	V1-C1 V2-C2	A	B	C	D	E	F	G	H	I	PESO *WEIGHT*
	BSPP	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg
FPOB-50-D-3/8"-L	3/8"	150	55	30	19	112	51	48	8.5	8.5	1.850
FPOB-50-D-1/2"-L	1/2"	150	65	35	19	112	51	48	11	8.5	2.300

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P O B | 5 0 | D | 1 / 2 | L | 2 0 | B | *

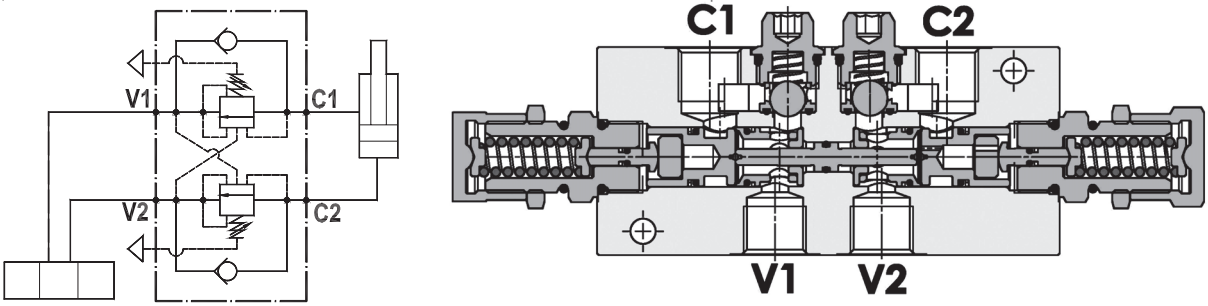
* 3/8 – 3/8" BSPP
* 1/2 – 1/2" BSPP
Connessioni - *Port sizes*

* "20" / "35":
Campi di taratura pressione - *Adjustable pressure*

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

Rapporto di pilotaggio
Pilot ratio
Omettere se standard *
Omit if standard
B = 1 : 8, C = 1 : 11

Valvola overcenter doppia parzialmente bilanciata, montaggio in linea, serie E
Partially balanced dual overcenter valve, line mounted, E series



SPECIFICHE TECNICHE

Materiali: corpo in alluminio. I componenti interni sono in acciaio trattato termicamente.
Portata max.: 70 l/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 : 3.2 (a richiesta 1 : 8.2)
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag.02
Peso: 1,400 Kg

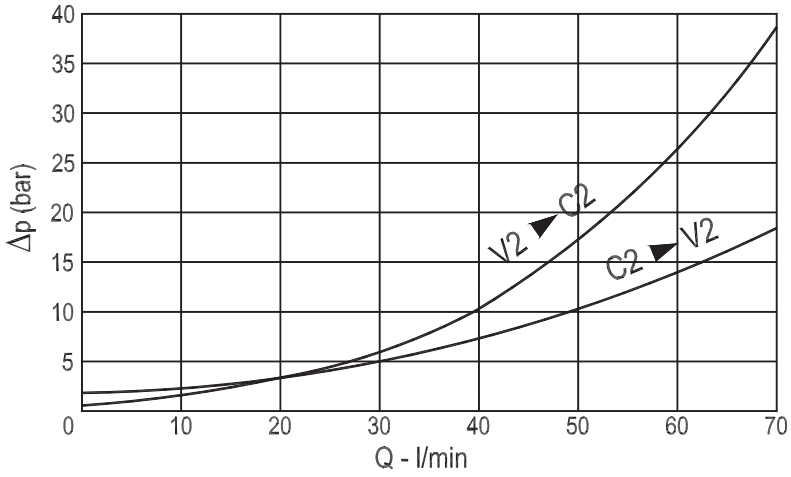
TECHNICAL SPECIFICATIONS

Materials: *body is in aluminium alloy. Internal parts are in hardened steel.*
Rated flow: *up to 70 l/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 3.2 (standard), 1 : 8.2 on request*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*
Weight: *1,400 Kg*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

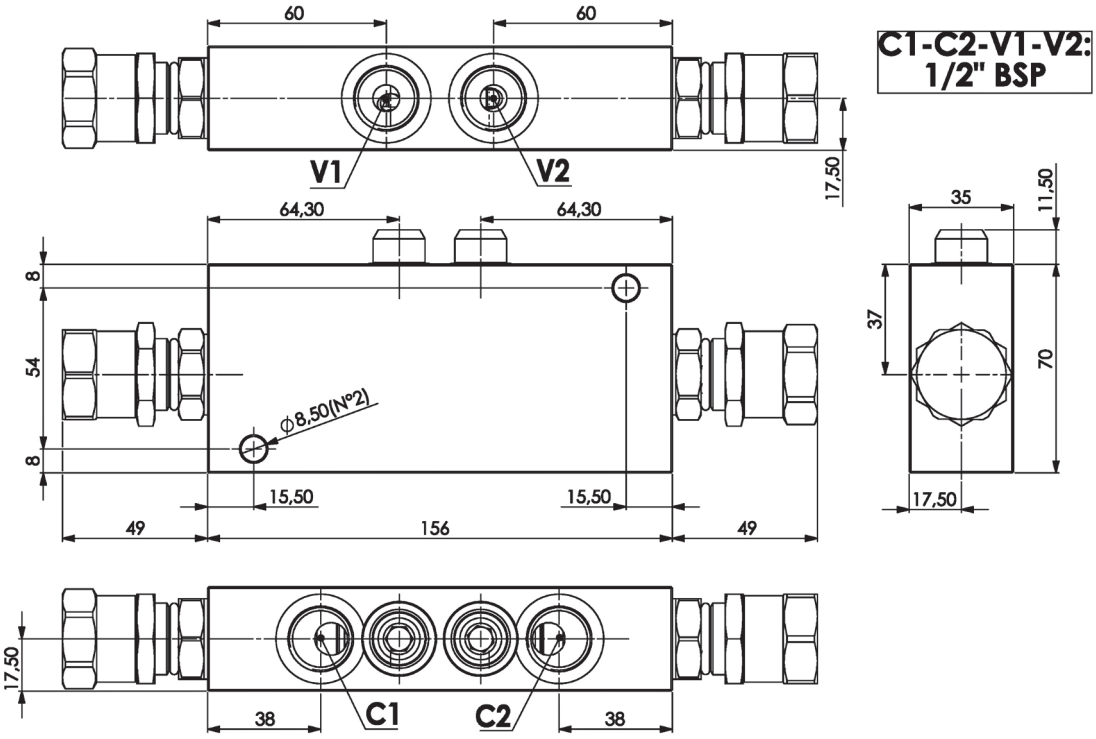
Viscosità olio 24 mm²/sec. (3,5 °E)
Temperatura 50 °C

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



Valvola overcenter doppia parzialmente bilanciata, montaggio in linea, serie E
Partially balanced dual overcenter valve, line mounted, E series

Rev.01-2010/02



MOLLE - *SPRINGS*				*
Codice *Code*	Rapp. pil. *Pilot ratio*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
20	1 : 3.2	60 – 210	56	200
20	1 : 8.2	60 – 210	56	200
35	1 : 3.2	120 – 350	90	350
35	1 : 8.2	120 – 350	90	350

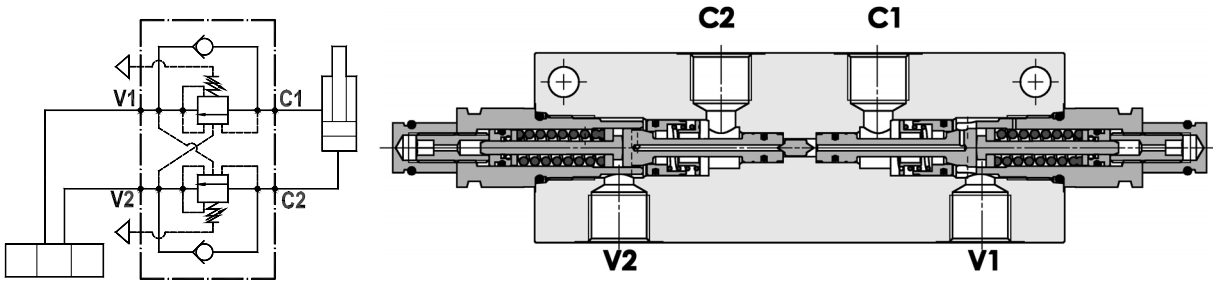
ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F	P	O	E	B	7	0	D	1 / 2	L	A	2	0	B

* "20" / "35":
Campi di taratura pressione - *Adjustable pressure*

Rapporto di pilotaggio
Pilot ratio
Omettere se standard *
Omit if standard
B = 1 : 8.2

Valvola overcenter singola parzialmente bilanciata, montaggio in linea, pilotaggio interno
Partially balanced single overcenter valve, line mounted, internal pilot



SPECIFICHE TECNICHE

Materiali: corpo in acciaio zincato. I componenti interni sono in acciaio trattato termicamente.
Portata max.: 90 l/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 : 4.2
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag.02
Peso: 3.200 Kg

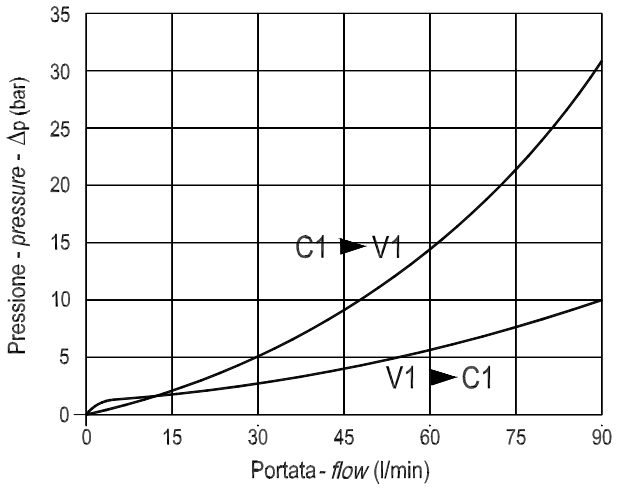
TECHNICAL SPECIFICATIONS

Materials: *body is in steel zinc plated. Internal parts are in hardened steel.*
Rated flow: *up to 90 l/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 4.2*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*
Weight:: *3.200 Kg*

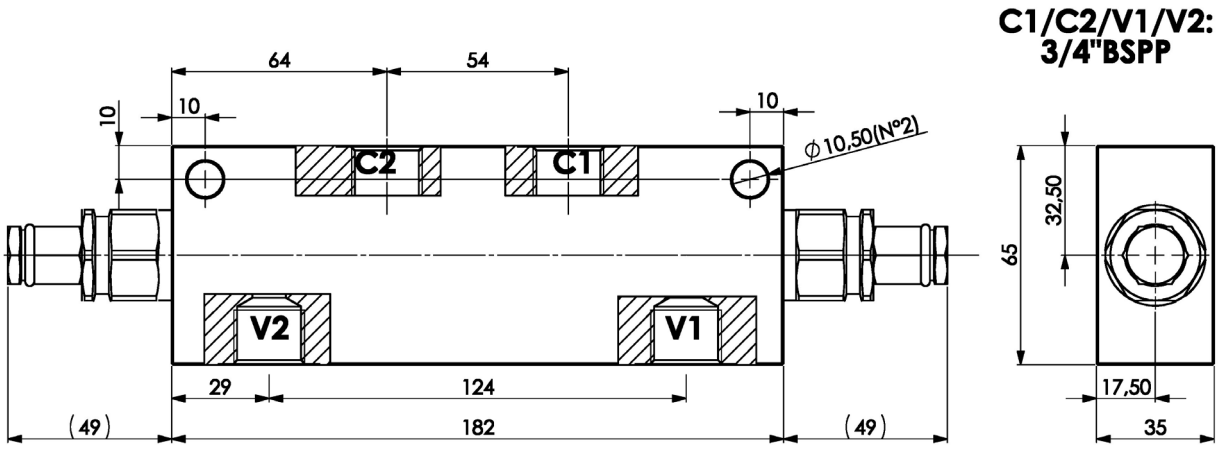
DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

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

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



Valvola overcenter singola parzialmente bilanciata, montaggio in linea, pilotaggio interno
Partially balanced single overcenter valve, line mounted, internal pilot

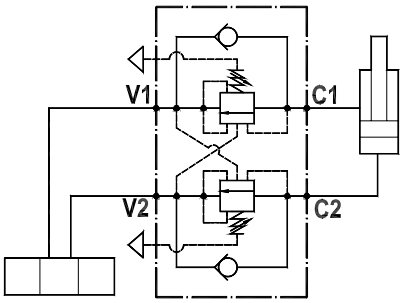


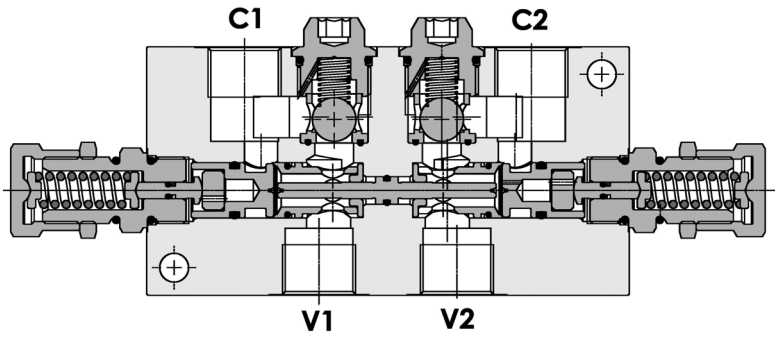
MOLLE - *SPRINGS*			*
Codice *Code*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
35	100 – 350	109	280

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F	P	O	B	9	0	D	3	/	4	L	3	5

Valvola overcenter doppia parzialmente bilanciata, montaggio in linea, serie E
Partially balanced dual overcenter valve, line mounted, E series





SPECIFICHE TECNICHE

Materiali: corpo in alluminio. I componenti interni sono in acciaio trattato termicamente.
Portata max.: 120 l/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 : 3.2 (a richiesta 1 : 8.2)
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag.02
Peso: 1,770 Kg

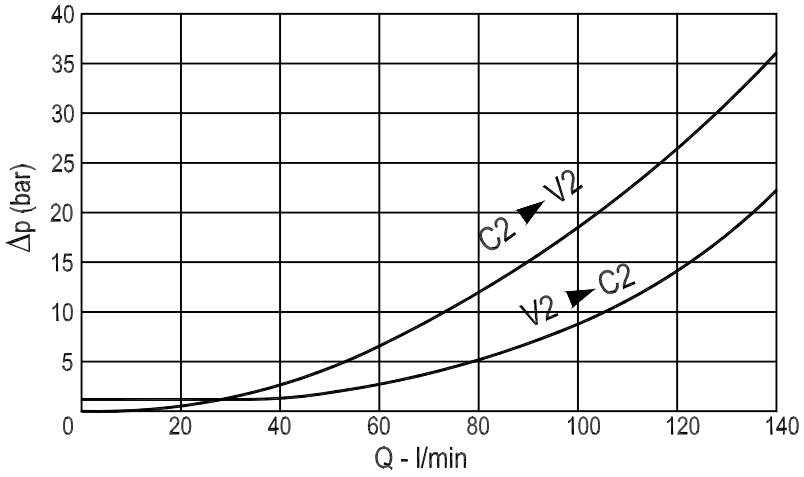
TECHNICAL SPECIFICATIONS

Materials: *body is in aluminium alloy. Internal parts are in hardened steel.*
Rated flow: *up to 120 l/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 3.2 (standard), 1 : 8.2 on request*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*
Weight: *1,770 Kg*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

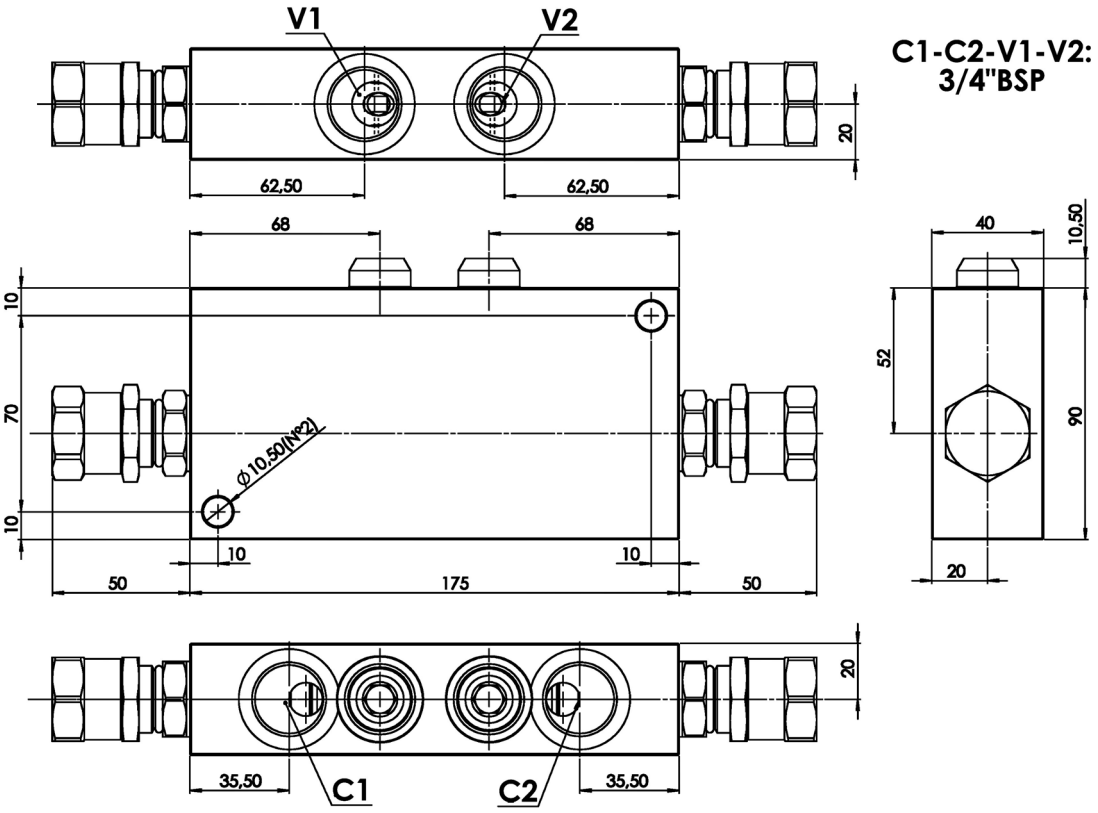
Viscosità olio 24 mm²/sec. (3,5 °E)
Temperatura 50 °C

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



Valvola overcenter doppia parzialmente bilanciata, montaggio in linea, serie E
Partially balanced dual overcenter valve, line mounted, E series

Rev.01-2010/02



MOLLE - *SPRINGS*				*
Codice *Code*	Rapp. pil. *Pilot ratio*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
20	1 : 3.2	60 – 210	56	200
	1 : 8.2	60 – 210	56	200
35	1 : 3.2	120 – 350	90	350
	1 : 8.2	120 – 350	90	350

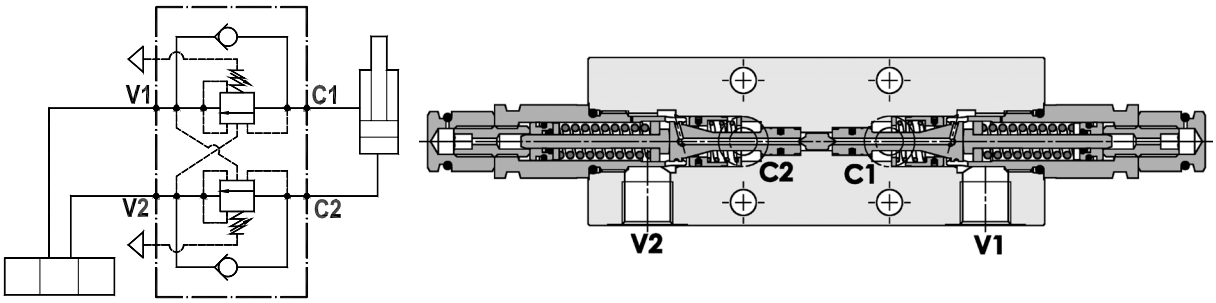
ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P O E B | 1 2 0 | D | 3 / 4 | L | A | 2 0 | B

* "20" / "35":
Campi di taratura pressione - *Adjustable pressure*

Rapporto di pilotaggio
Pilot ratio
Omettere se standard *
Omit if standard
B = 1 : 8.2

Valvola overcenter doppia parzialmente bilanciata, montaggio a flangia
Partially balanced dual overcenter valve, gasket mounted



SPECIFICHE TECNICHE

Materiali: corpo in acciaio zincato. I componenti interni sono in acciaio trattato termicamente.
Portata max.: 50 l/min
Taratura max.: 350 bar
Rapporto di pilotaggio: 1 : 4.25 (a richiesta 1 : 8, 1 : 11)
Regolazione pressione: mediante vite
Campo di regolazione pressione: vedere pag.02

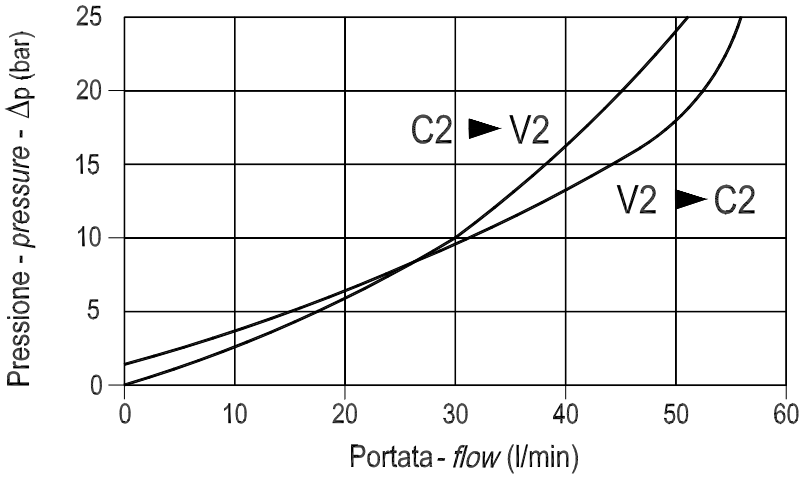
TECHNICAL SPECIFICATIONS

Materials: *body is steel made zinc plated. Internal parts are in hardened steel.*
Rated flow: *up to 50 l/min*
Max. setting: *350 bar*
Pilot ratio: *1 : 4.25 (1 : 8 and 1 : 11 on request)*
Adjustement means: *leakproof screw adjustement*
Adjustable pressure range: *see page 02*

DIAGRAMMA PERDITE DI CARICO - *PRESSURE DROP CURVES*

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

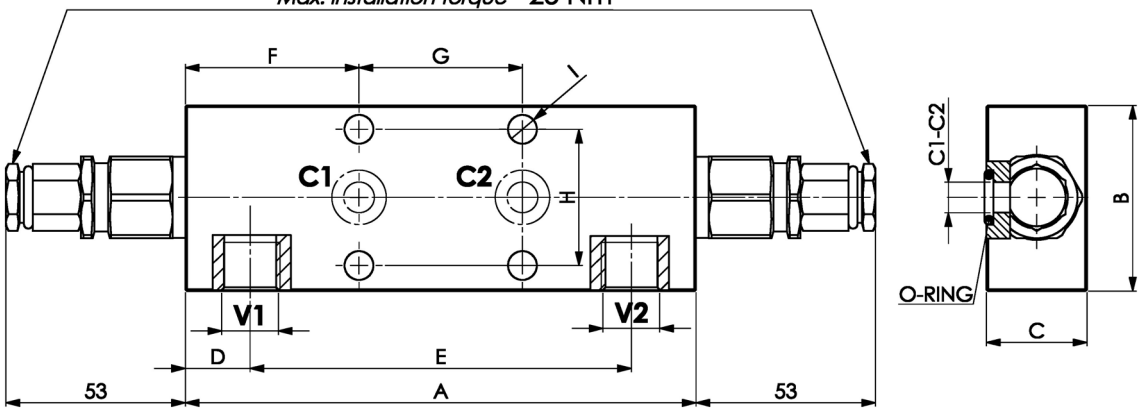
Oil viscosity 24 mm²/sec. (3,5 °E)
Temperature 50 °C



Valvola overcenter doppia parzialmente bilanciata, montaggio a flangia
Partially balanced dual overcenter valve, gasket mounted

Rev.03-2010/08

Coppia di serraggio max.
Max. installation torque 25 Nm



MOLLE - *SPRINGS*				*
Codice *Code*	Rapp. pil. *Pilot ratio*	Campo taratura min.-max. bar *Adjustable pressure range bar*	Increm. press. bar/giro vite *Pressure increase bar/turn*	Taratura standard bar *Standard setting bar*
20	1 : 4.25	60 – 210	70	170
	1 : 8	60 – 220	50	
	1 : 11	60 – 250	90	
35	1 : 4.25	80 – 350	120	280
	1 : 8	100 – 350	85	
	1 : 11	80 – 350	150	

TIPO / TYPE	V1-V2	C1-C2	O-RING	A	B	C	D	E	F	G	H	I	PESO *WEIGHT*
	BSPP	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg
FPOB-50-D-3/8"-2F	3/8"	9	10.77x2.62	150	55	29.5	19	112	51	48	40	8.5	2.600
FPOB-50-D-1/2"-2F	1/2"	9	10.77x2.62	150	65	34.5	19	112	51	48	40	8.5	3.100

ESEMPIO DI ORDINAZIONE - *ORDERING CODE EXAMPLE*

F P O B | 5 0 | D | 3 / 8 | 2 F | 2 0 | B | *

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

* "20" / "35":
Campi di taratura pressione - *Adjustable pressure*

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

Rapporto di pilotaggio – *Pilot ratio*
Omettere se standard – *Omit if standard* *
B = 1 : 8, C = 1 : 11