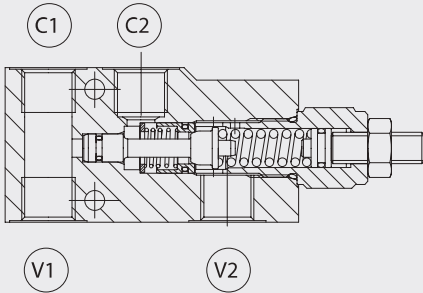
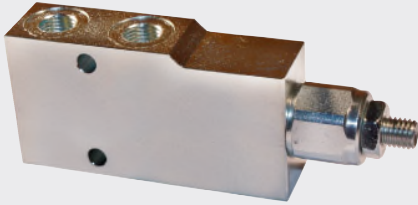




VBCL Valvole overcenter singole per centro aperto

Single counterbalance valves for open center

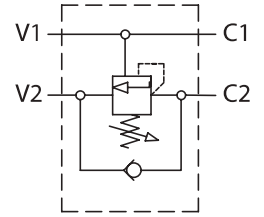


Dati tecnici

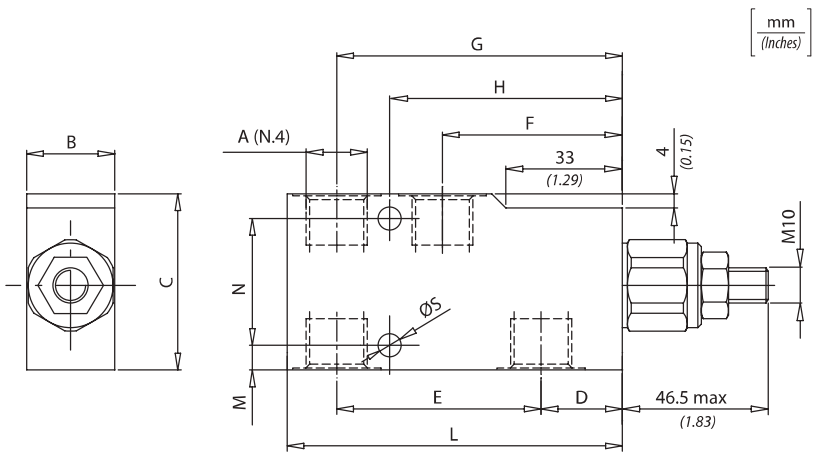
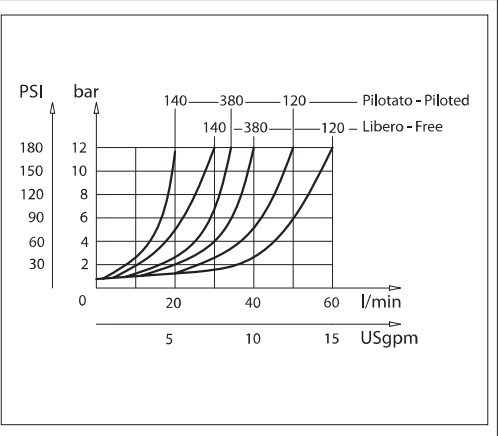
Technical data

olio idraulico Mineral oil	ISO 6743/4 DIN 51524
Viscosità fluido Fluid viscosity	10-500 mm ² /s 45 to 2000 ssu (6 to 420 cSt)
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14
Temperatura del fluido Fluid temperature	-20°C +80°C -4°F + 176°F
Temperatura ambiente Ambient temperature	-20°C +50°C -4°F + 122°F

È indispensabile l'utilizzo di un filtro (filtrazione consigliata 15 micron) per proteggere la valvola
It is necessary a filter use to protect the valve (advised filtration 15 micron)



Perdite di carico Pressure drops



Codice ordinazione / Ordering code

VBCL - X - Y - K - I

X	Dimensione Size	Y	Molla Spring	Incremento pressione al giro Press. increase	Taratura standard Std. setting (Q=5 l/min)	K	Materiale Material	I	Rapporto di pilotaggio Pilot ratio
140	BSPP 1/4	1	30/210 bar (400/3000 PSI)	70 bar/al giro (1000 PSI/turn)	200 bar (2900 PSI)	S	Corpo in acciaio (Steel body)	/	1:4.25 Standard
380	BSPP 3/8	2	60/350 bar (850/3500 PSI)	120 bar/al giro (1700 PSI/turn)	350 bar (5000 PSI)			8	1:8
120	BSPP 1/2							8	1:8

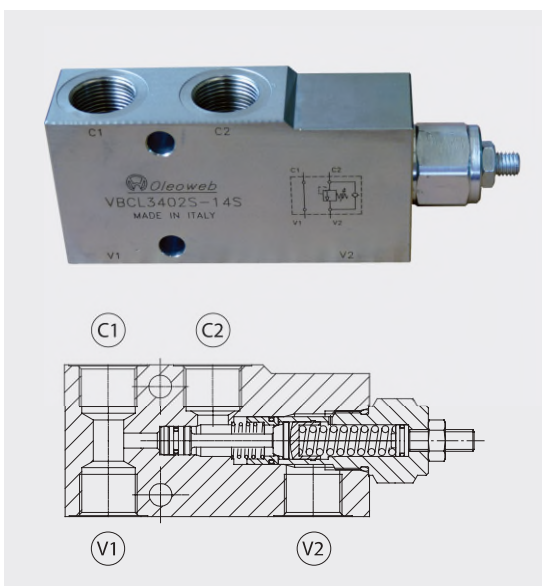
Caratteristiche tecniche

Technical performances

Codice Code	A	Portata max Max Flow l/min-USgpm	Pressione Max Max pressure bar/PSI	B	C	D	E	F	G	H	L	M	N	S	Peso approssimativo Approx weight Kg / lb
VBCL140	BSPP 1/4	30 (8)	350 (5000)	25 (0.98)	50 (1.97)	23 (0.90)	58 (2.28)	51 (2)	81 (3.19)	66 (2.60)	95 (3.74)	7 (0.27)	36 (1.41)	6,5 (0.26)	0,85 (1.90)
VBCL380	BSPP 3/8	40 (10.5)		84 (3.30)	67,5 (2.66)	100 (3.94)	10 (0.39)		40 (1.57)	1,25 (2.75)					
VBCL120	BSPP 1/2	60 (16)		30 (1.18)	60 (2.36)	21 (0.83)	63 (2.48)	84 (3.30)	67,5 (2.66)	100 (3.94)	10 (0.39)	40 (1.57)	1,25 (2.75)		

VBCL Valvole overcenter singole per centro aperto

Single counterbalance valves for open center

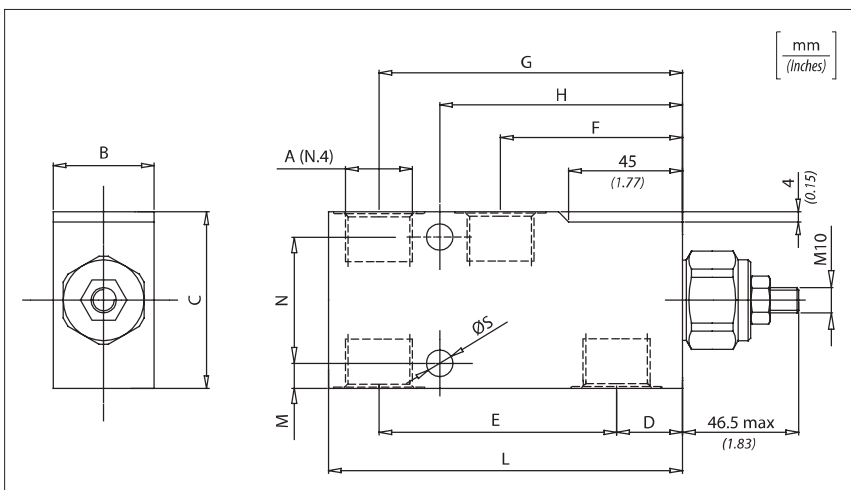
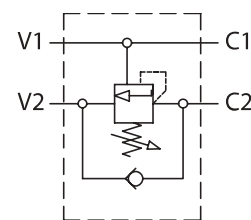


Dati tecnici

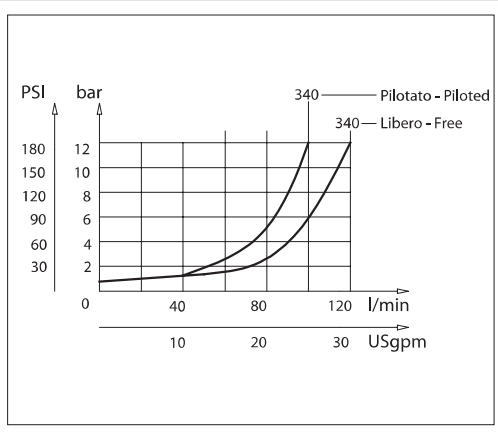
Technical data

Olío idraulico <i>Mineral oil</i>	ISO 6743/4 <i>DIN 51524</i>
Viscosità fluido <i>Fluid viscosity</i>	10-500 mm ² /s 45 to 2000 ssu (6 to 420 cSt)
Classe di contaminazione max con filtro <i>Max contamination index with filter</i>	ISO 4406:1999 Classe 19/17/14
Temperatura del fluido <i>Fluid temperature</i>	-20°C +80°C -4°F + 176°F
Temperatura ambiente <i>Ambient temperature</i>	-20°C +50°C -4°F + 122°F

È indispensabile l'utilizzo di un filtro (filtrazione consigliata 15 micron) per proteggere la valvola
It is necessary a filter use to protect the valve (advised filtration 15 micron)



Perdite di carico Pressure drops



Codice ordinazione / Ordering code

VBCL - X - Y - K - I

X	Dimensione Size	Y	Molla Spring	Incremento pressione al giro Press. increase	Taratura standard Std. setting (Q=5 l/min)	K	Materiale Material	Rapporto di pilotaggio Pilot ratio
340	BSPP 3/4	2	60/350 bar (850/3500 PSI)	120 bar/al giro (1700 PSI/turn)	350 bar (5000 PSI)	S	Corpo in acciaio (Steel body)	1:6.2

Caratteristiche tecniche

Technical performances

Codice Code	A	Portata max Max Flow l/min-USgpm	Pressione Max Max pressure bar/PSI	B	C	D	E	F	G	H	L	M	N	S	Peso approssimativo Approx weight Kg / lb
VBCL340	BSPP 3/4	120 (31)	350 (5000)	40 (1.57)	70 (2.75)	20 (0.78)	94 (3.7)	72 (2.83)	120 (4.72)	96 (3.78)	140 (5.51)	50 (1.96)	10 (0.39)	10,5 (0.41)	3 (6.6)