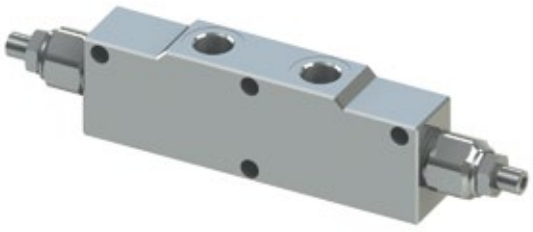
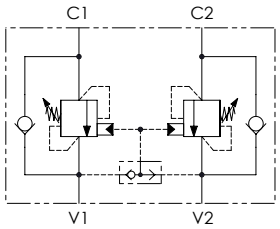
VBCD Valvole di bilanciamento doppie per centro aperto
Dual counterbalance valves for open center



Schema idraulico - *Hydraulic circuit*



Codice ordinazione *Ordering code*

01	02	03	04	05
VBCD				

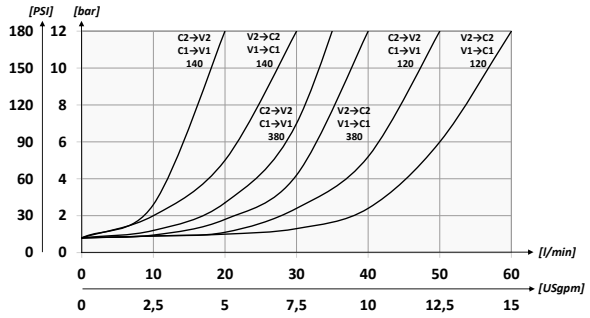
01	Valvole di bilanciamento doppie per centro aperto *(Dual counterbalance valves for open center)*			**VBCD**
02	Dimensione *(Size)*	BSPP1/4		**140**
		BSPP3/8		**380**
		BSPP1/2		**120**
03	Molla (*Spring*) **30/210 bar** *(435/3045 PSI)*	Incremento pressione al giro *(Press. increase)* **70 bar/al giro** *(1015 PSI/turn)*	Taratura standard *(Std. setting)* **Q=5 l/min** 200 bar *(2900 PSI)*	**1**
	Molla (*Spring*) **60/350 bar** *(870/5075 PSI)*	Incremento pressione al giro *(Press. increase)* **120 bar/al giro** *(1740 PSI/turn)*	Taratura standard *(Std. setting)* **Q=5 l/min 350 bar** *(5075 PSI)*	**2**
04	Materiale *(Material)*	Corpo in acciaio + zincatura *(Steel body + zinc-plated)*		**S**
		Corpo in acciaio + zinco-nichel *(Steel body + zinc-nickel)*		**K**
05	Rapporto di pilotaggio *(Pilot ratio)*	1:4.25 Standard		**/**
		1:8		**8**

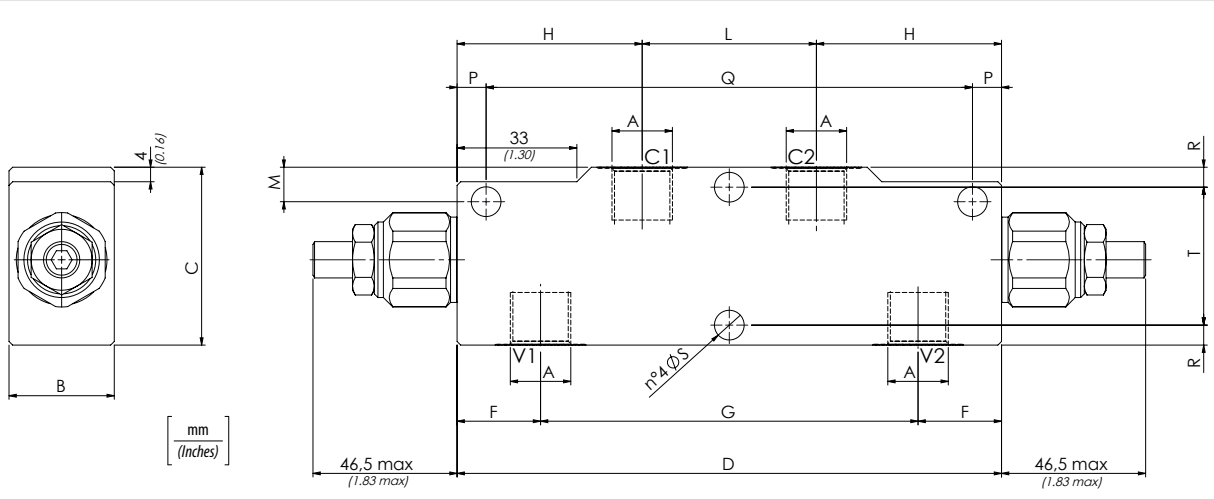
Dati tecnici - *Technical data*

Olio idraulico/*Mineral oil*	**ISO 6743/4** *(DIN 51524)*	
Viscosità olio/*Oil viscosity*	**15-250 mm²/s** *(15 to 250 cSt)*	
Classe di contaminazione max con filtro *Max contamination index with filter*	**ISO 4406:1999 Classe 19/17/14**	
Temperatura dell'olio/*Oil 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 per proteggere la valvola (filtrazione consigliata 15 µm)
It is necessary a filter use to protect the valve (advised filtration 15 µm)

Performances





Caratteristiche tecniche - *Technical characteristics*

Codice *Code*	A	Portata max *Max flow* l/min-*USgpm*	Pressione max *Max pressure* bar/*PSI*	B	C	D	F	G	H	L	M	P	Q	R	S	T	Peso approssimativo *Approx weight* kg/*lb*
VBCD140	**BSPP1/4**	**30** *(7.9)*	**350** *(5075)*	**30** *(1.18)*	**50** *(1.97)*	**150** *(5.91)*	**23** *(0.91)*	**104** *(4.09)*	**51** *(2,01)*	**48** *(1.89)*	**10** *(0.39)*	**8** *(0.31)*	**134** *(5.28)*	**6** *(0.24)*	**8,5** *(0.33)*	**38** *(1.50)*	**1,57** *(3,46)*
VBCD380	**BSPP3/8**	**40** *(10.6)*															**1,55** *(3,41)*
VBCD120	**BSPP1/2**	**60** *(15.9)*			**60** *(2.36)*		**21** *(0.83)*	**108** *(4.25)*			**12** *(0.47)*					**43** *(1.69)*	**1,78** *(3.92)*