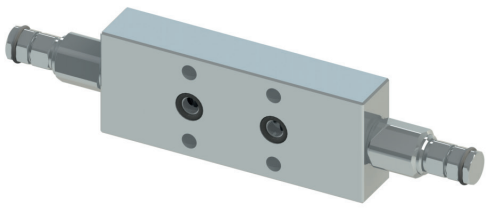
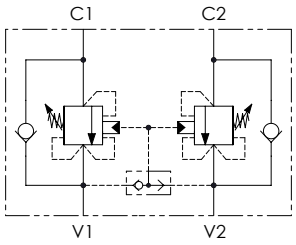
VBCM Valvole di bilanciamento doppie per centro chiuso - flangiate
Dual counterbalance valves for closed center - flanged version



Schema idraulico - *Hydraulic circuit*

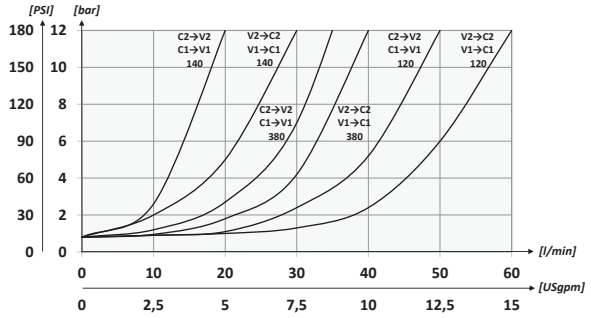


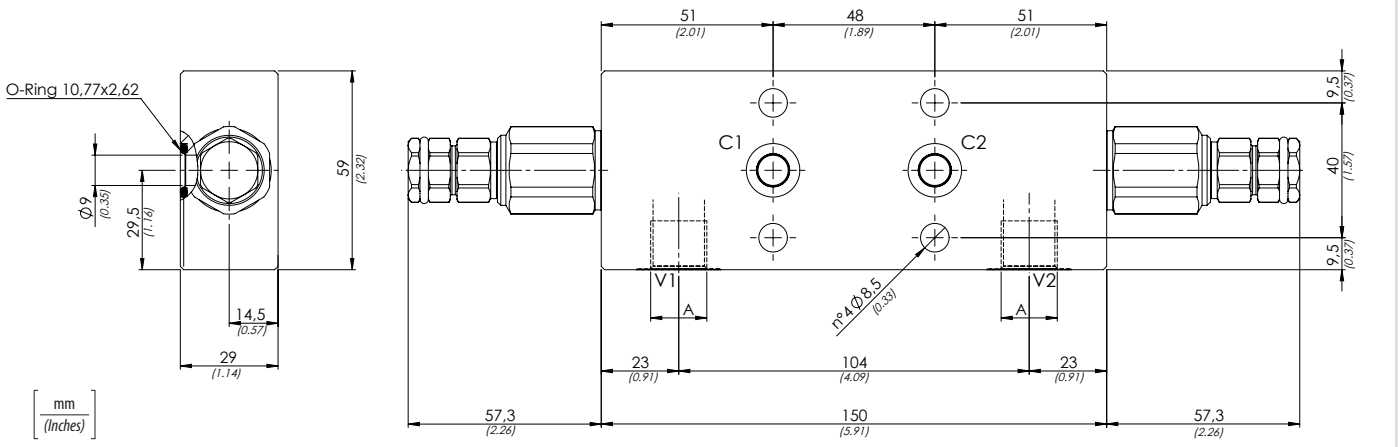
Codice ordinazione *Ordering code*

01	02	03	04	05
VBCM			S	

01	Valvole di bilanciamento doppie per centro chiuso - flangiate *(Dual counterbalance valves for closed center - flanged version)*				**VBCM**
02	Dimensione *(Size)*		BSPP 1/4		**140**
			BSPP 3/8		**380**
			BSPP 1/2		**120**
03	Molla *(Spring)* **30/210 bar** *(435/3045 PSI)*	Rp 1:4.25	Incremento pressione al giro *(Press. increase)* **78 bar/al giro** *(1131 PSI/turn)*	Taratura standard *(Std. setting)* **Q=5 l/min 200 bar** *(2900 PSI)*	**1**
		Rp 1:8.75	Incremento pressione al giro *(Press. increase)* **160 bar/al giro** *(2320 PSI/turn)*		
	Molla *(Spring)* **60/350 bar** *(870/5075 PSI)*	Rp 1:4.25	Incremento pressione al giro *(Press. increase)* **135 bar/al giro** *(1958 PSI/turn)*	Taratura standard *(Std. setting)* **Q=5 l/min 350 bar** *(5075 PSI)*	**2**
		Rp 1:8.75	Incremento pressione al giro *(Press. increase)* **160 bar/al giro** *(2320 PSI/turn)*		
04	Materiale *(Material)*		Corpo in acciaio + zincatura *(Steel body + zinc-plated)*		**S**
05	Rapporto di pilotaggio *(Pilot ratio)*		1:4.25 Standard		**/**
			1:8.75		**8**

Performances





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)

Caratteristiche tecniche - *Technical characteristics*

Tipo *Type*	A	Portata max *Max flow* l/min-*USgpm*	Pressione max *Max pressure* bar-*PSI*	Peso approssimativo *Approx weight* kg-*lb*
VBCM140	**BSPP 1/4**	**40** *(10.6)*	**350** *(5075)*	**2,13** *(4.69)*
VBCM380	**BSPP 3/8**			**2,09** *(4.60)*
VBCM120	**BSPP 1/2**	**60** *(15.9)*		**2,06** *(4.54)*

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