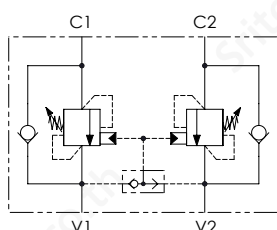




Schema idraulico - Hydraulic circuit



Dati tecnici - Technical data

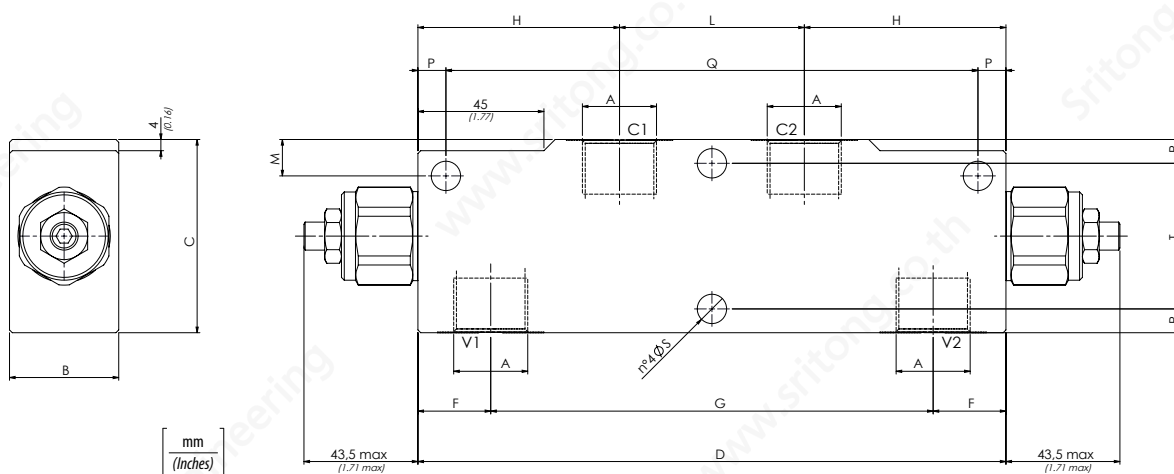
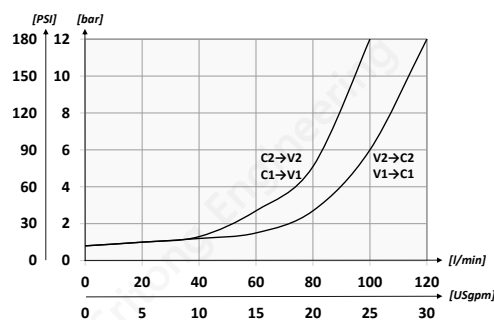
olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)		
Viscosità olio/Oil viscosity	15-250 mm ² /s (15 to 250 cSt)		
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14		
Temperatura dell'olio/Oil temperature	-20°C +80°C	-4°F + 176°F	
Temperatura ambiente/Ambient 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)			

Codice ordinazione Ordering code

01	02	03	04	05
VBCD	340	2	S	

01	Valvole di bilanciamento doppie per centro aperto (Dual counterbalance valves for open center)				VBCD
02	Dimensione (Size)	BSPP3/4			340
03	Molla (Spring) 60/350 bar (870/5075 PSI)	Incremento pressione al giro (Press. increase) 130 bar/al giro (1885 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
05	Rapporto di pilotaggio (Pilot ratio)	1:6,2			/
		1:10,6			11

Performances

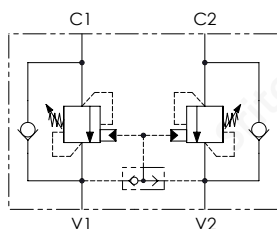


Caratteristiche tecniche - Technical characteristics

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
VBCD340	BSPP3/4	120 (31.7)	350 (5075)	40 (1.57)	70 (2.76)	210 (8.27)	26 (1.02)	158 (6.22)	72 (2.83)	66 (2.6)	13 (0.51)	10 (0.39)	190 (7.48)	9 (0.35)	10,5 (0.41)	52 (2.05)	4,5 (8,81)



Schema idraulico - Hydraulic circuit



Dati tecnici - Technical data

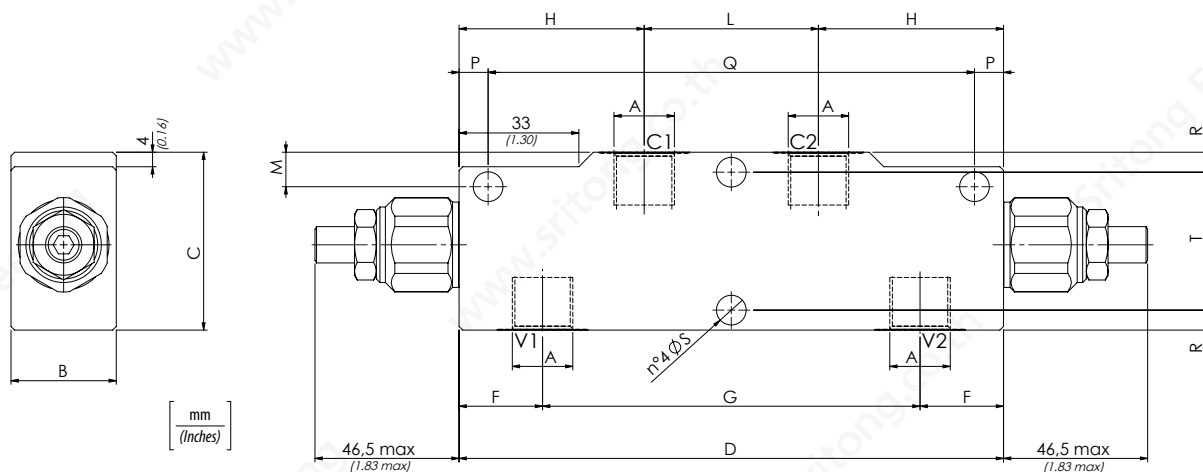
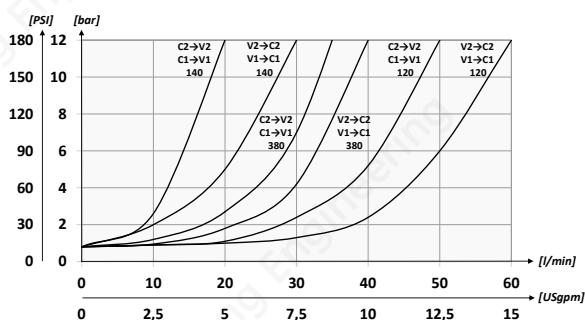
Olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)		
Viscosità olio/Oil viscosity	15-250 mm²/s (15 to 250 cSt)		
Classe di contaminazione max con filtro <i>Max contamination index with filter</i>	ISO 4406:1999 Classe 19/17/14		
Temperatura dell'olio/Oil temperature	-20°C +80°C	-4°F +176°F	
Temperatura 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) <i>It is necessary a filter use to protect the valve (advised filtration 15 µm)</i>			

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
		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

Performances

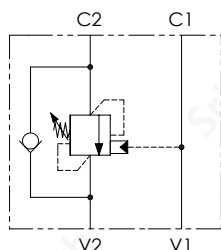


Caratteristiche tecniche - Technical characteristics

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)					21 (0.83)	108 (4.25)			12 (0.47)					43 (1.69)	1,78 (3.92)



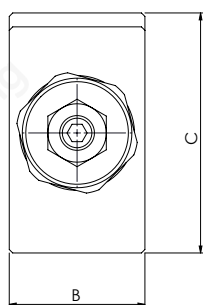
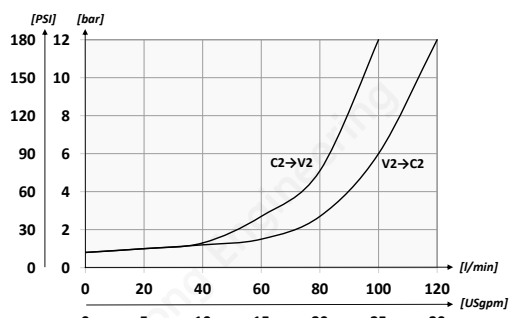
Schema idraulico - Hydraulic circuit



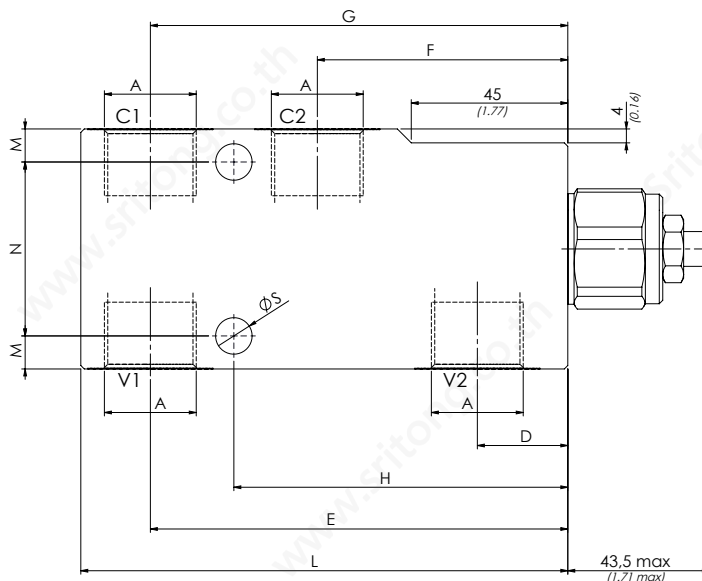
Dati tecnici - Technical data

olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)		
Viscosità olio/Oil viscosity	15-250 mm ² /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



mm
(Inches)



Caratteristiche tecniche - Technical characteristics

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	BSPP3/4	120 (31.7)	350 (5075)	40 (1.57)	70 (2.76)	20 (0.79)	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)	2,54 (5.59)