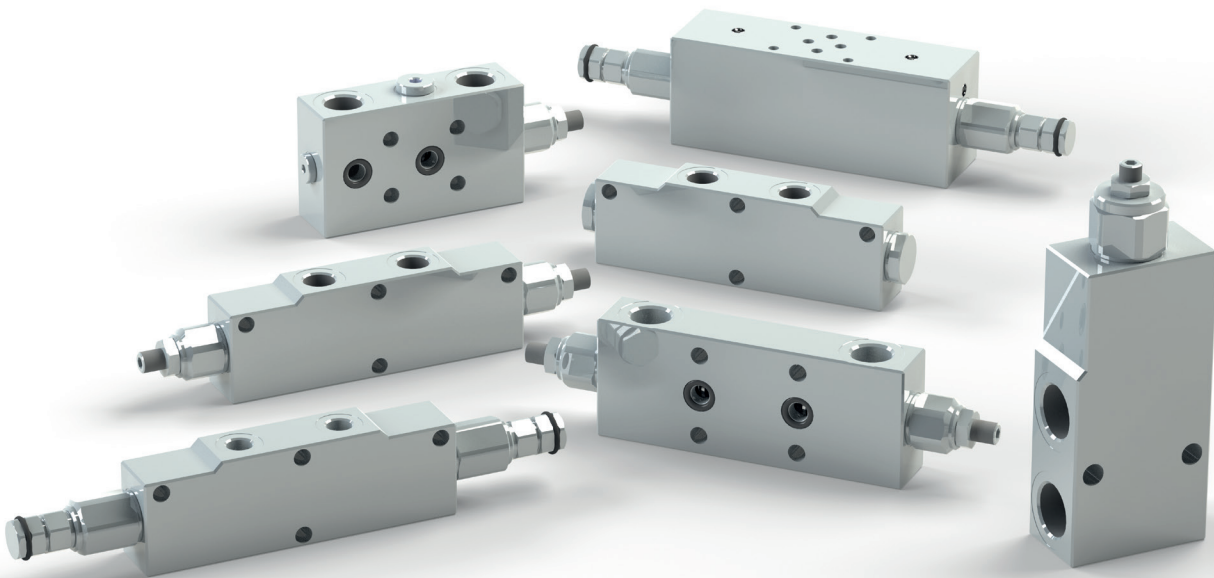
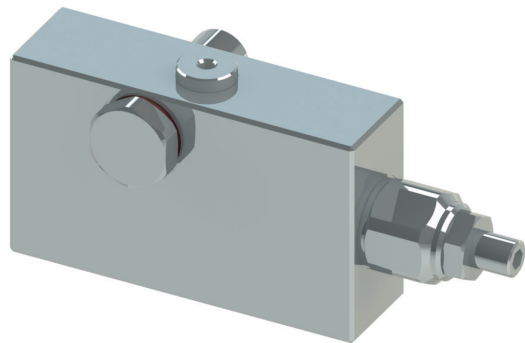


W *Oleoweb*
HYDRAULIC VALVES AND COMPONENTS

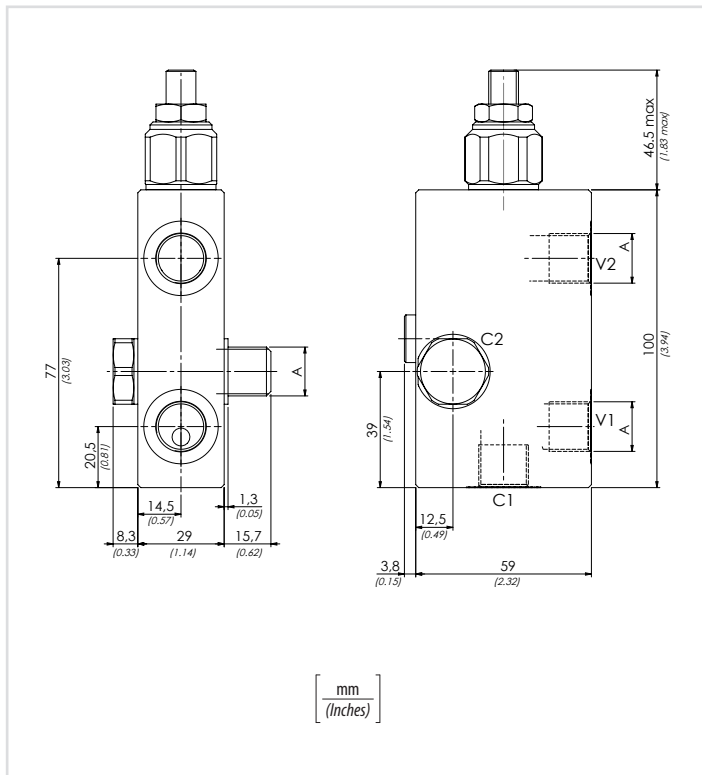
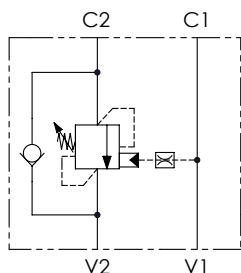


COUNTERBALANCE VALVES

VALVOLE DI BILANCIAMENTO



Schema idraulico - Hydraulic circuit



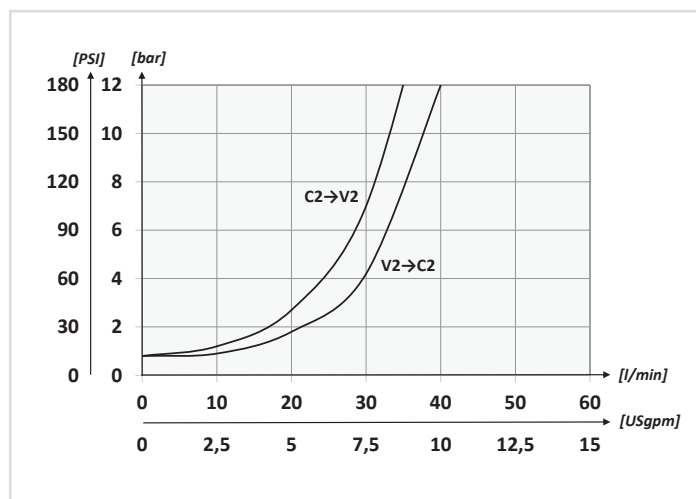
Dati tecnici - Technical data

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
	VBCB	380			

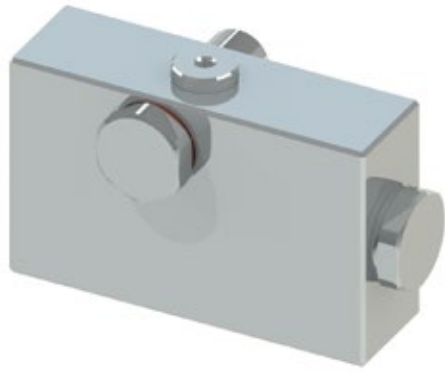
01	Valvole di bilanciamento singola a bullone per centro aperto (Bolt-fitting single counterbalance valves for open center)				VBCB
02	Dimensione (Size)	BSPP 3/8			380
03	Molla (Spring) 30/210 bar (435/3045 PSI)	Rp 1:4.25	Incremento pressione al giro (Press. increase) 78 bar/al giro (1131 PSI/turn)	Taratura 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)		
03	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
		Corpo in acciaio + zinco-nichel (Steel body + zinc-nickel)			K
05	Rapporto di pilotaggio (Pilot ratio)	1:4.25 Standard			/
		1:8.75			8

Performances



Caratteristiche tecniche - Technical characteristics

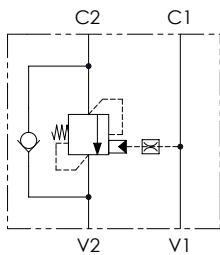
Tipo Type	A	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Peso approssimativo Approx weight kg/lb
VBCB380	BSPP 3/8	40 (10.6)	350 (5075)	1,24 (2.73)



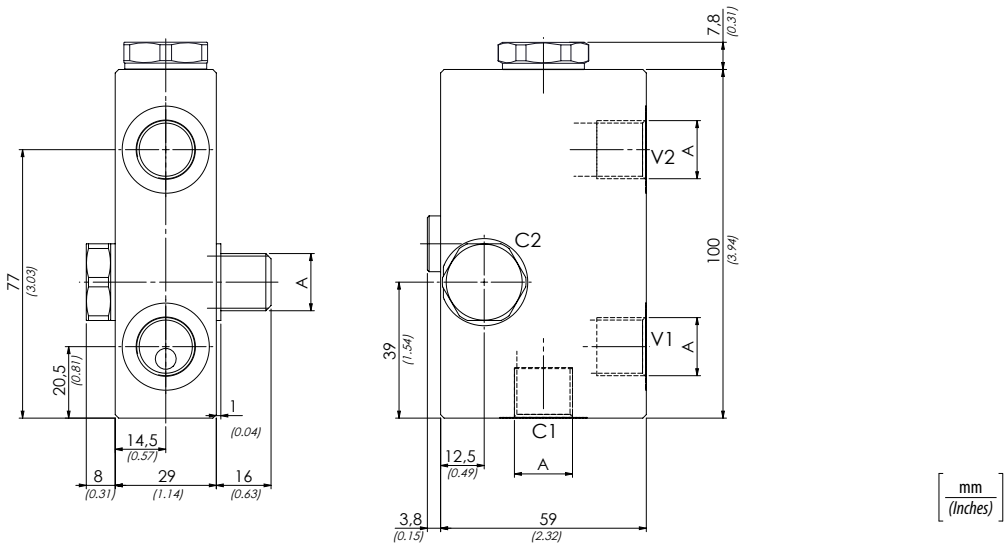
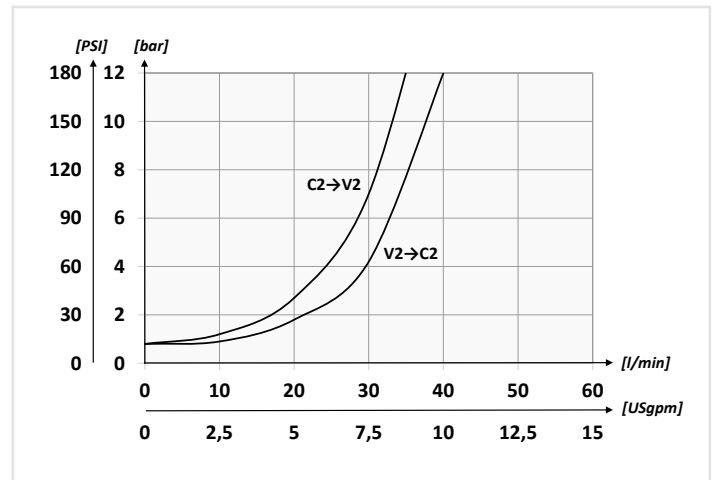
	01	02	03	04
Codice ordinazione Ordering code	VBZB	380	2	

01	Valvole di bilanciamento a bullone singola per centro aperto a taratura fissa (Bolt-fitting single counterbalance valves fixed setting for open center)	VBZB
02	Dimensione (Size)	BSPP 3/8 380
03	Taratura (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
Rapporto di pilotaggio (Pilot ratio) 1:4.25		

Schema idraulico - Hydraulic circuit



Performances

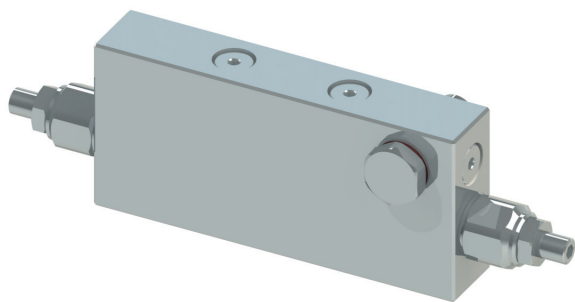


Dati tecnici - Technical data

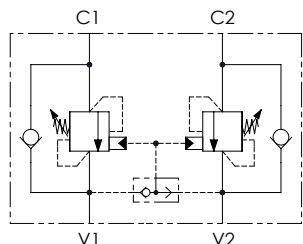
Olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio/Oil viscosity	15-250 mm²/s (15 to 250 cSt)
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio/Oil temperature	-20°C +80°C -4°F + 176°F
Temperatura ambiente/Ambient 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

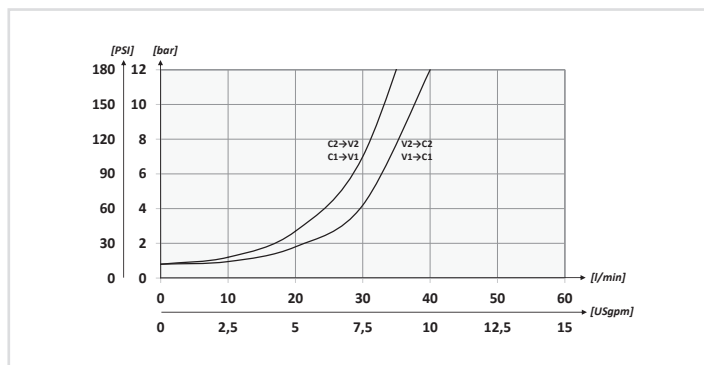
Tipo Type	A	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Peso approssimativo Approx weight kg/lb
VBZB380	BSPP 3/8	40 (10.6)	350 (5075)	1,24 (2,73)



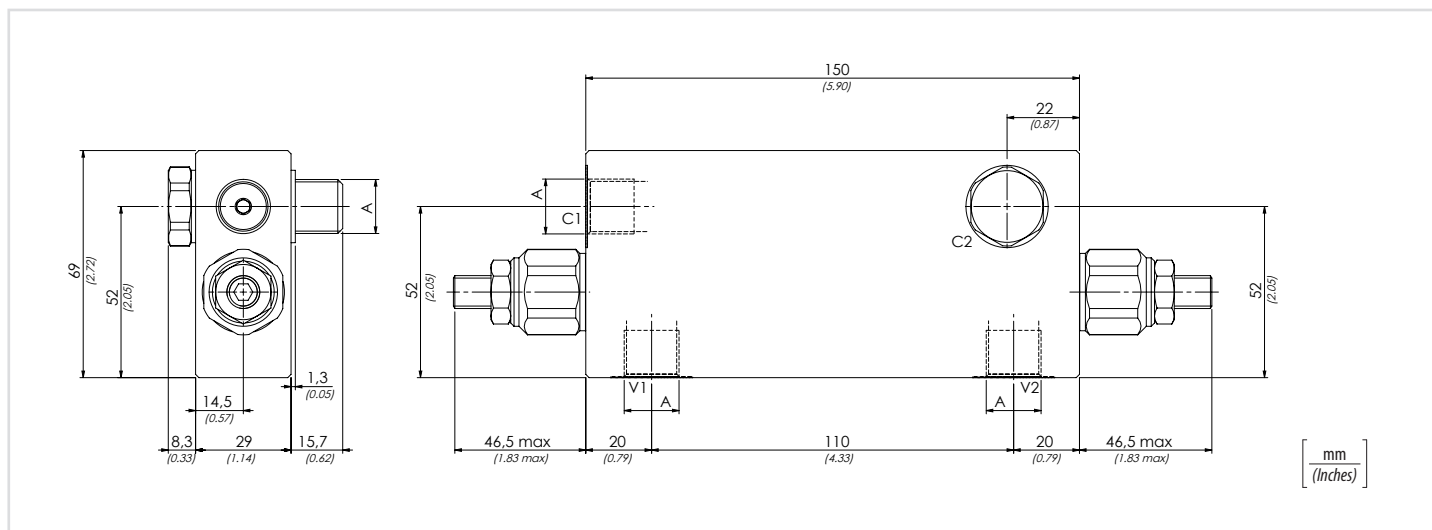
Schema idraulico - Hydraulic circuit



Performances



Codice ordinazione Ordering code	01	02	03	04	05
VBCA	380				
01	Valvole di bilanciamento singola a bullone per centro aperto (Bolt-fitting single counterbalance valves for open center)				VBCA
02	Dimensione (Size) BSPP 3/8				380
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)		
03	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

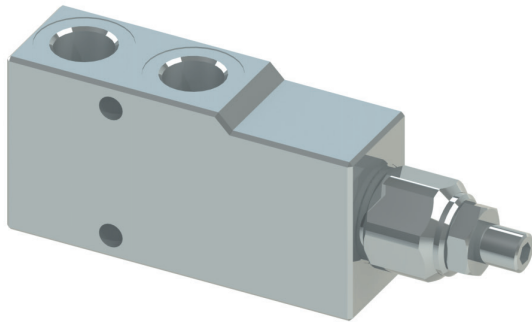


Dati tecnici - Technical data

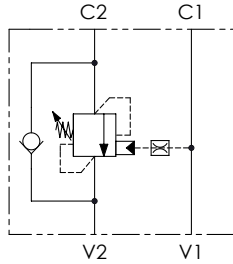
Olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)	
Viscosità olio/Oil viscosity	15-250 mm ² /s (15 to 250 cSt)	
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14	
Temperatura dell'olio/Oil temperature	-20°C +80°C	-4°F + 176°F
Temperatura ambiente/Ambient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

Caratteristiche tecniche - Technical characteristics

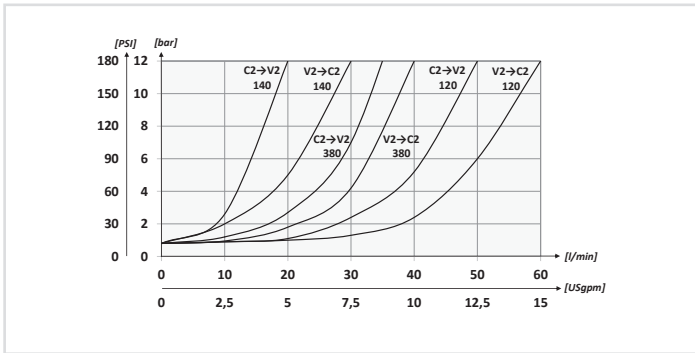
Codice Code	A	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Peso approssimativo Approx weight kg/lb
VBCA380	BSPP 3/8	40 (10.6)	350 (5075)	2,32 (5.11)



Schema idraulico - Hydraulic circuit



Performances



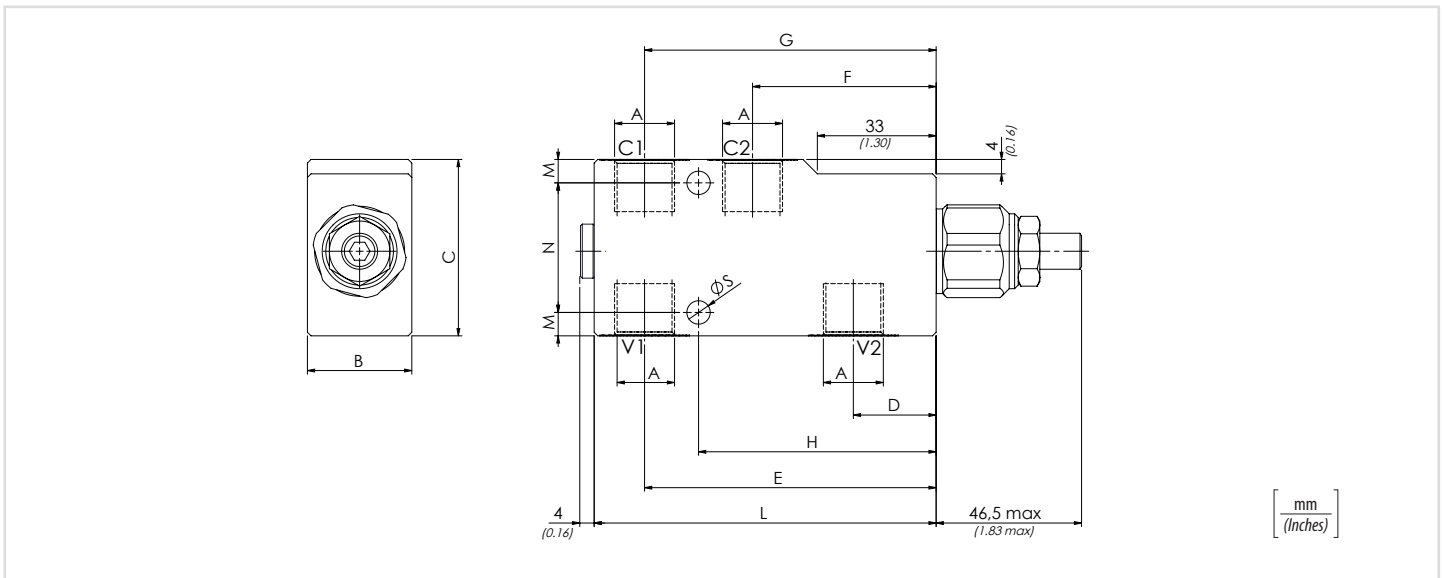
Codice ordinazione Ordering code

01	02	03	04	05
VBCL				

01	Valvole di bilanciamento singole per centro aperto (Single counterbalance valves for open center)			VBCL	
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)		
03	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
		Corpo in acciaio + zinco-nichel (Steel body + zinc-nickel)			K
05	Rapporto di pilotaggio (Pilot ratio)	1:4.25 Standard			/
		1:8.75			8

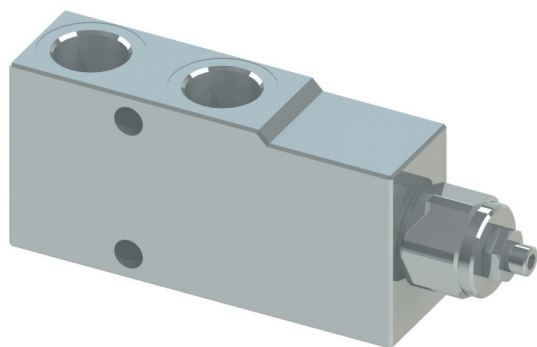
Dati tecnici - Technical data

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)	

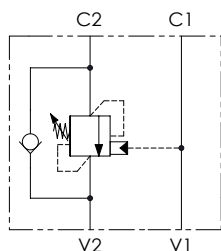


Caratteristiche tecniche - Technical characteristics

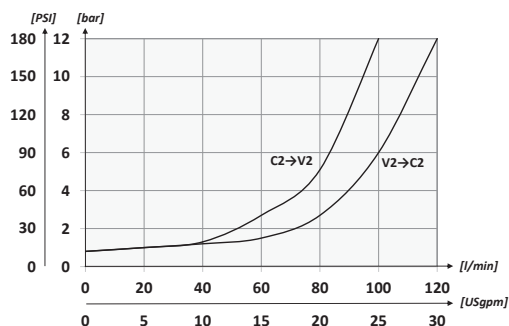
Tipo Type	A	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	B	C	D	E	F	G	H	L	M	N	S	Peso approssimativo Approx weight kg/lb
VBCL140	BSPP 1/4	30 (7.9)	350 (5075)	29 (1.14)	49 (1.93)	23 (0.91)	58 (2.28)	51 (2,01)	81 (3.19)	66 (2.60)	95 (3.74)	6,5 (0.26)	36 (1.42)	6,5 (0.26)	0,98 (2.16)
VBCL380	BSPP 3/8	40 (10.6)													0,92 (2.02)
VBCL120	BSPP 1/2	60 (15.9)													1,09 (2.40)



Schema idraulico - Hydraulic circuit



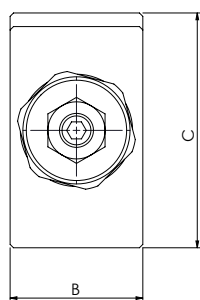
Performances



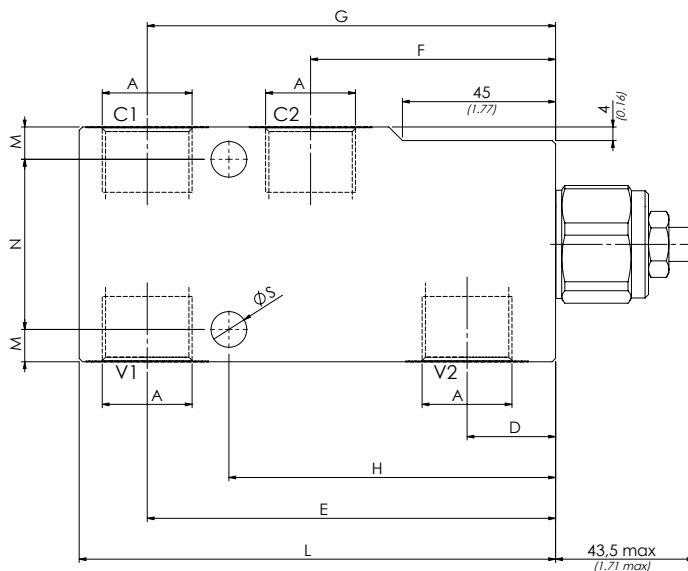
Codice ordinazione Ordering code	01	02	03	04	05
	VBCL	340	2	S	
01	Valvole di bilanciamento singole per centro aperto (Single counterbalance valves for open center)				VBCL
02	Dimensione (Size)		BSPP 3/4		340
03	Molla (Spring) 60/350 bar (870/5075 PSI)	Rp 1:6.2	Incremento pressione al giro (Press. increase) 143 bar/al giro (2074 PSI/turn)		Taratura standard (Std. setting) Q=5 l/min 350 bar (5075 PSI)
		Rp 1:10.6	Incremento pressione al giro (Press. increase) 242bar/al giro (3509 PSI/turn)		
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

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)	

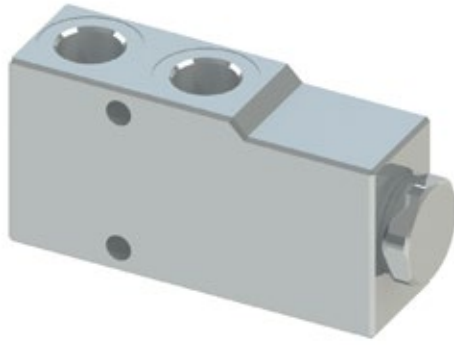


mm
(Inches)

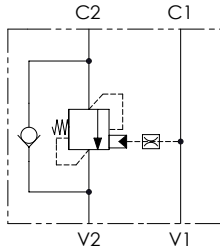


Caratteristiche tecniche - Technical characteristics

Tipo Type	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 (31.7)	350 (5075)	39 (1.54)	69 (2.72)	20 (0.79)	94 (3.7)	72 (2.83)	120 (4.72)	96 (3.78)	140 (5.51)	9,5 (0.37)	50 (1.97)	10,5 (0.41)	2,54 (5.59)



Schema idraulico - Hydraulic circuit

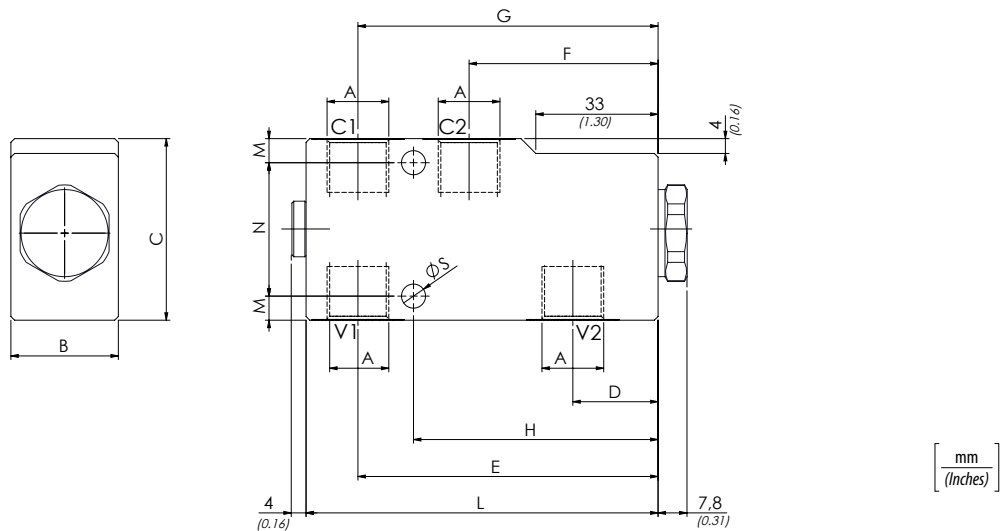
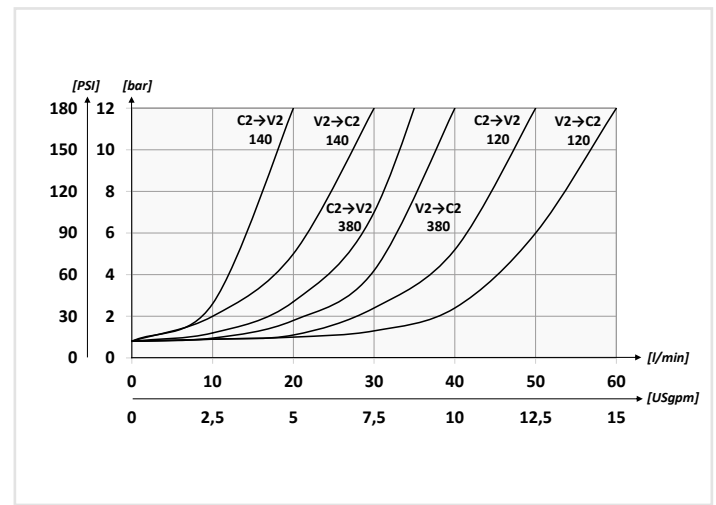


Dati tecnici - Technical data

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)		

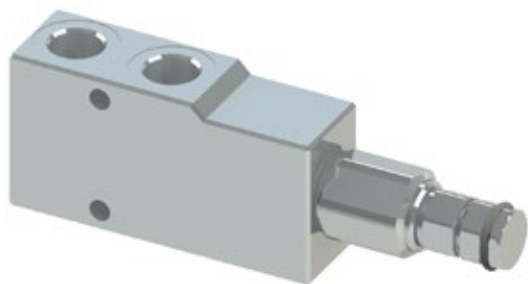
	01	02	03	04
Codice ordinazione Ordering code	VBZL		2	
01	Valvole di bilanciamento singole per centro aperto a taratura fissa (Single counterbalance valves fixed setting for open center)			VBZL
02	Dimensione (Size)	BSPP 1/4		140
		BSPP 3/8		380
		BSPP 1/2		120
05	Taratura (Setting) Q=5 l/min 350 bar (5075 PSI)			2
04	Materiale (Material)	Corpo in acciaio + zincatura (Steel body + zinc-plated)		S
		Corpo in acciaio + zinco-nichel (Steel body + zinc-nickel)		K
Rapporto di pilotaggio (Pilot ratio) 1:4.25				

Performances

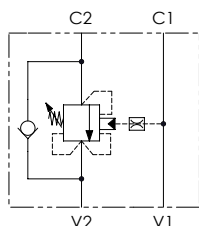


Caratteristiche tecniche - Technical characteristics

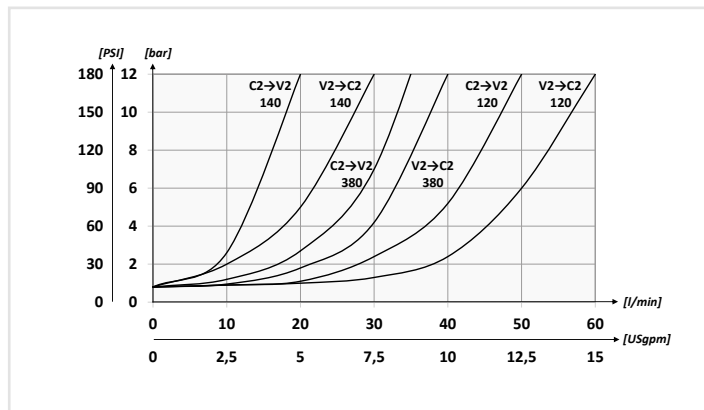
Tipo Type	A	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	B	C	D	E	F	G	H	L	M	N	S	Peso approssimativo Approx weight kg/lb
VBZL140	BSPP 1/4	30 (7.9)	350 (5075)	29 (1.14)	49 (1.93)	23 (0.91)	58 (2.28)	51 (2,01)	81 (3.19)	66 (2.60)	95 (3.74)	6,5 (0.26)	36 (1.42)	6,5 (0.26)	0,91 (2.00)
VBZL380	BSPP 3/8	40 (10.6)													0,85 (1.87)
VBZL120	BSPP 1/2	60 (15.9)													1,02 (2.24)



Schema idraulico - Hydraulic circuit



Performances

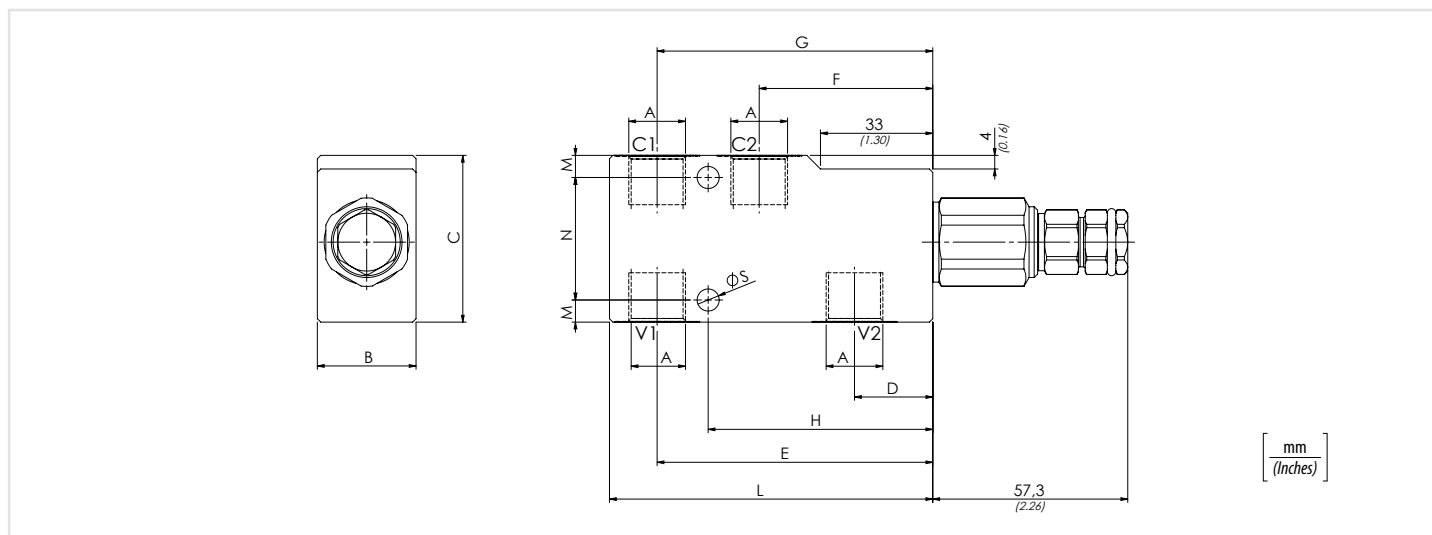


	01	02	03	04	05
Codice ordinazione Ordering code	VCCL			S	

01	Valvole di bilanciamento singole per centro chiuso (Single counterbalance valves for closed center)		VCCL
02	Dimensione (Size)	BSPP 1/4	140
		BSPP 3/8	380
		BSPP 1/2	120
03	Molla (Spring) 30/210 bar (435/3045 PSI)	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)
		Incremento pressione al giro (Press. increase) 160 bar/al giro (2320 PSI/turn)	
	Molla (Spring) 60/350 bar (870/5075 PSI)	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)
		Incremento pressione al giro (Press. increase) 160 bar/al giro (2320 PSI/turn)	
04	Materiale (Material)	Corpo in acciaio + zincatura (Steel body + zinc-plated)	5
05	Rapporto di pilotaggio (Pilot ratio)	1:4.25 Standard	/
		1:8.75	8

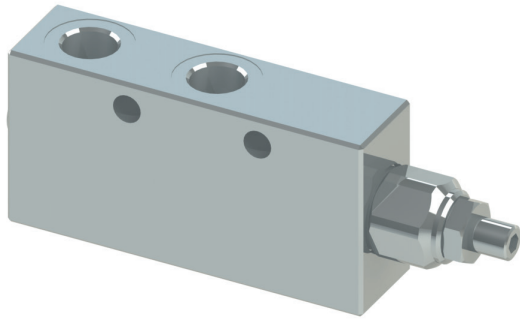
Dati tecnici - Technical data

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)	

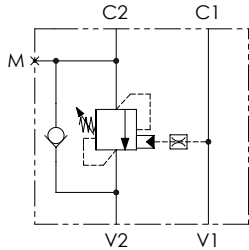


Caratteristiche tecniche - Technical characteristics

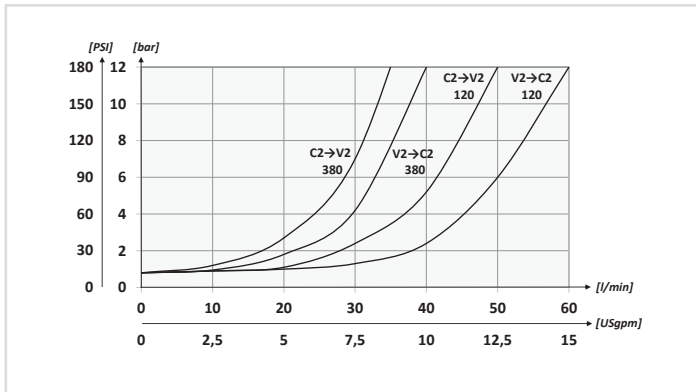
Tipo Type	A	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	B	C	D	E	F	G	H	L	M	N	S	Peso approssimativo Approx weight kg/lb
VCCL140	BSPP 1/4	30 (7.9)	350 (5075)	29 (1.14)	49 (1.93)	23 (0.91)	58 (2.28)	51 (2,01)	81 (3.19)	66 (2.60)	95 (3.74)	6,5 (0.26)	36 (1.42)	6,5 (0.26)	1,02 (2.24)
VCCL380	BSPP 3/8	40 (10.6)													0,98 (2.16)
VCCL120	BSPP 1/2	60 (15.9)													1,15 (2.53)



Schema idraulico - Hydraulic circuit



Performances



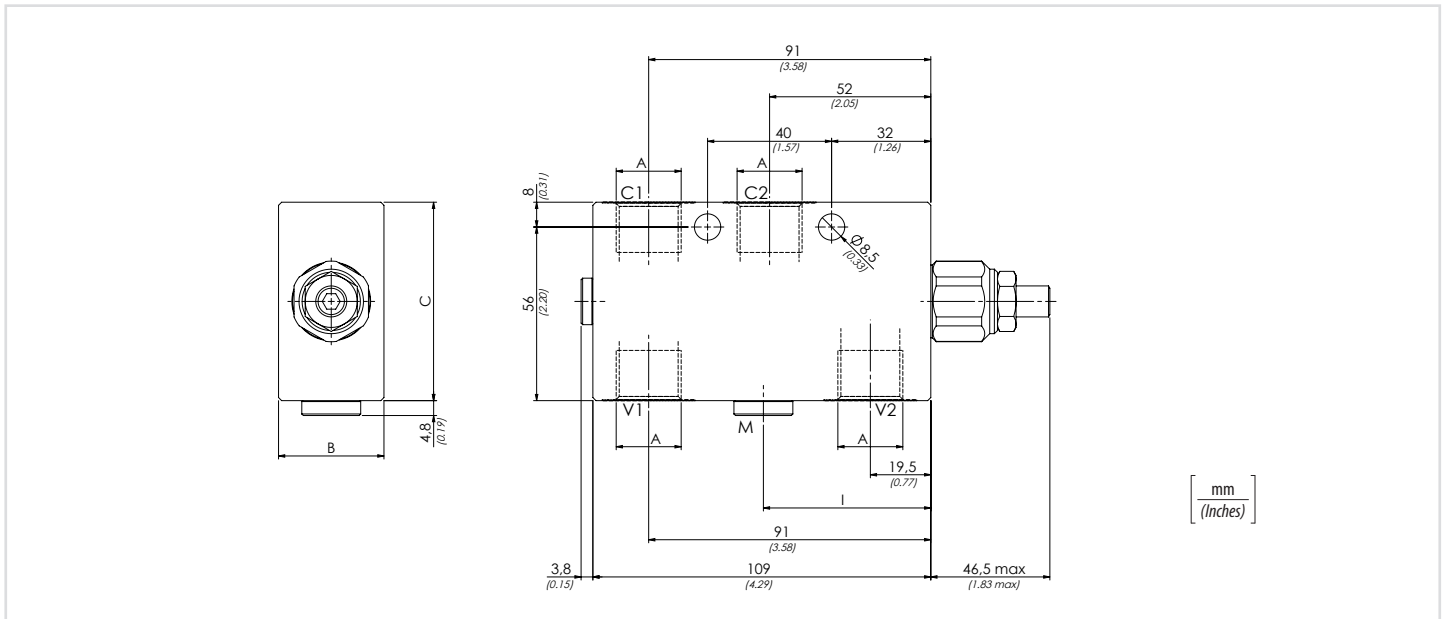
Codice ordinazione
Ordering code

01	02	03	04	05
VBLP				

01	Valvole di bilanciamento singole per centro aperto (Single counterbalance valves for open center)		VBLP
02	Dimensione (Size)	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)
	Rp 1:8.75 Incremento pressione al giro (Press. increase) 160 bar/al giro (2320 PSI/turn)		
03	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)
	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
		Corpo in acciaio + zinco-nichel (Steel body + zinc-nickel)	K
05	Rapporto di pilotaggio (Pilot ratio)	1:4.25 Standard	/
		1:8.75	8

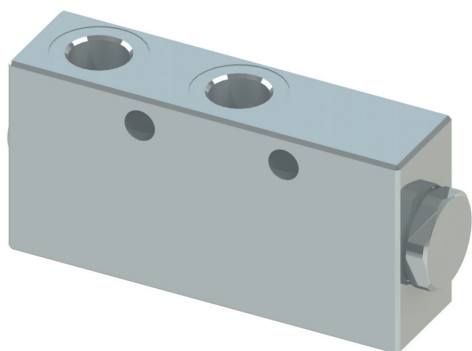
Dati tecnici - Technical data

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) <i>It is necessary a filter use to protect the valve (advised filtration 15 µm)</i>	

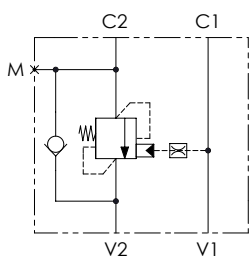


Caratteristiche tecniche - Technical characteristics

Tipo Type	A	Portata max (l/min) Max flow (USgpm)	Pressione max (bar) Max pressure (PSI)	B	C	I	M	Peso approssimativo (kg) Approx weight (lb)
VBLP380	BSPP 3/8	40 (10.6)	350 (5075)	29 (1.14)	54 (2.13)	/	/	1,21 (2.63)
VBLP120	BSPP 1/2	60 (15.9)		34 (1.34)	64 (2.52)	54 (2.13)	BSPP 1/4	1,59 (3.46)



Schema idraulico - Hydraulic circuit



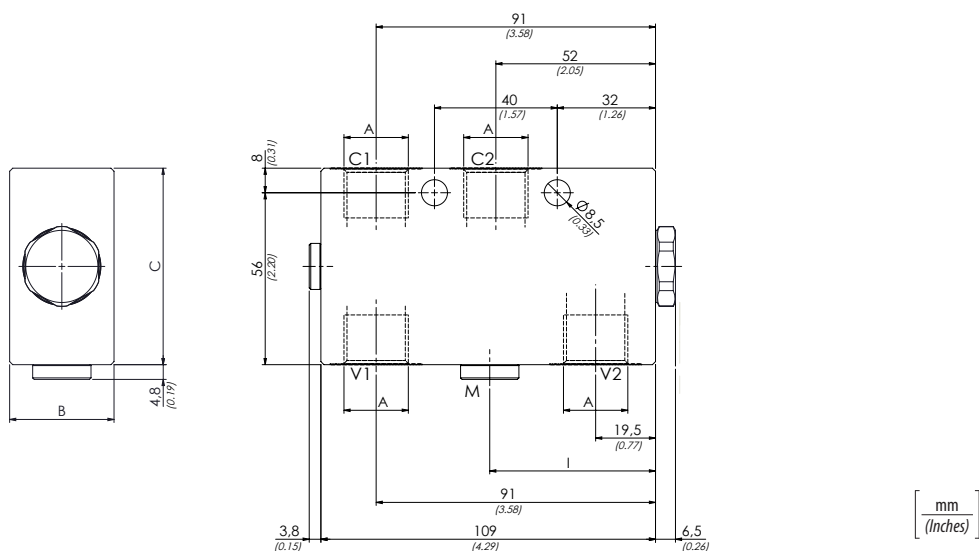
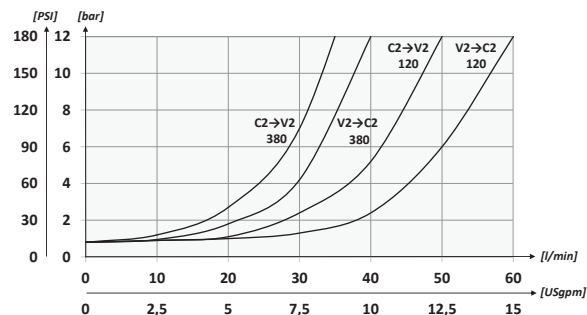
Codice ordinazione Ordering code	01	02	03	04
	VBZP		2	

01	Valvole di bilanciamento singole per centro aperto a taratura fissa (Single counterbalance valves fixed setting for open center)	VBZP
02	Dimensione (Size)	BSPP 1/4 140
		BSPP 3/8 380
		BSPP 1/2 120
05	Taratura (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
Rapporto di pilotaggio (Pilot ratio) 1:4.25		

Dati tecnici - Technical data

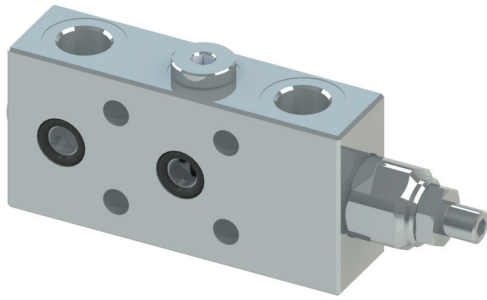
olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)	
Viscosità olio/Oil viscosity	15-250 mm ² /s (15 to 250 cSt)	
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14	
Temperatura dell'olio/Oil temperature	-20°C +80°C	-4°F + 176°F
Temperatura ambiente/Ambient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

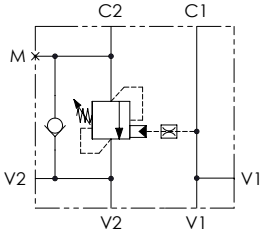


Caratteristiche tecniche - Technical characteristics

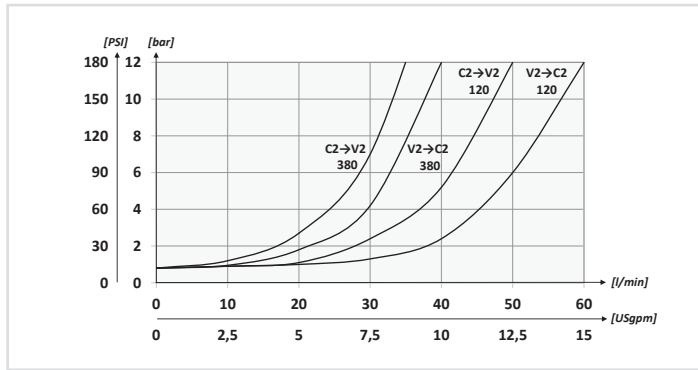
Tipo Type	A	Portata max (l/min) Max flow (USgpm)	Pressione max (bar) Max pressure (PSI)	B	C	I	M	Peso approssimativo (kg) Approx weight (lb)
VBZP380	BSPP 3/8	40 (10.6)	350 (5075)	29 (1.14)	54 (2.13)	/	/	1,14 (2.50)
VBZP120	BSPP 1/2	60 (15.9)		34 (1.34)	64 (2.52)	54 (2.13)	BSPP 1/4	1,52 (3.34)



Schema idraulico - Hydraulic circuit



Performances



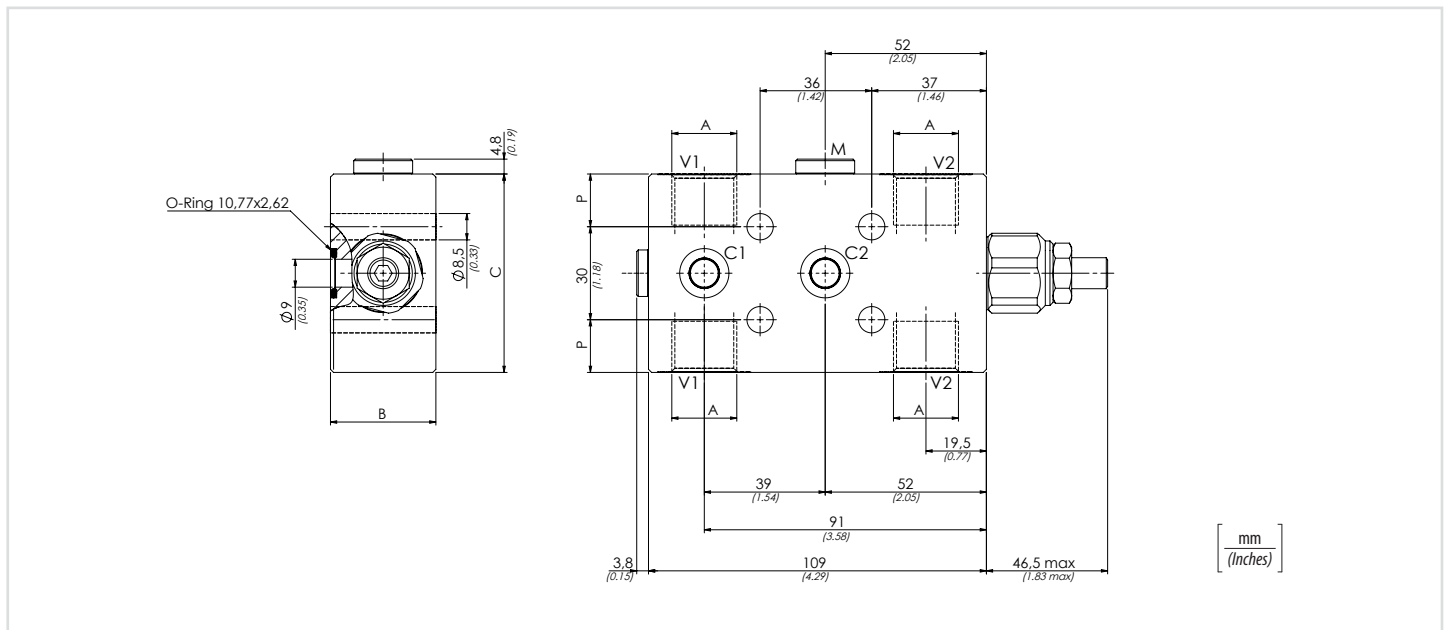
Codice ordinazione Ordering code

01	02	03	04	05
VBLF				

01	Valvole di bilanciamento singole per centro aperto - flangiate (Single counterbalance valves for open center - flanged version)		VBLF			
02	Dimensione (Size)	BSP 3/8	380			
		BSP 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			
		Corpo in acciaio + zinco-nichel (Steel body + zinc-nickel)	K			
05	Rapporto di pilotaggio (Pilot ratio)	1:4.25 Standard	/			
		1:8.75	8			

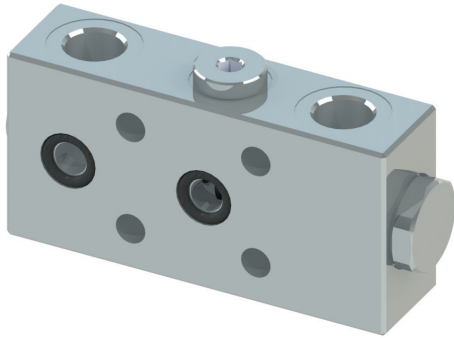
Dati tecnici - Technical data

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)	

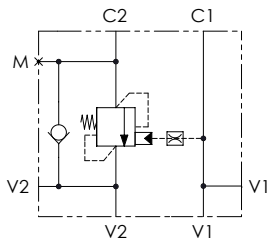


Caratteristiche tecniche - Technical characteristics

Tipo Type	A	Portata max (l/min) Max flow (USgpm)	Pressione max (bar) Max pressure (PSI)	B	C	M	P	Peso approssimativo (kg) Approx weight (lb)
VBLF380	BSP 3/8	40 (10.6)	350 (5075)	29 (1.14)	54 (2.13)	BSP 1/4	12 (0.47)	1,17 (2.55)
VBLF120	BSP 1/2	60 (15.9)		34 (1.34)	64 (2.52)		17 (0.67)	1,55 (3.37)



Schema idraulico - Hydraulic circuit

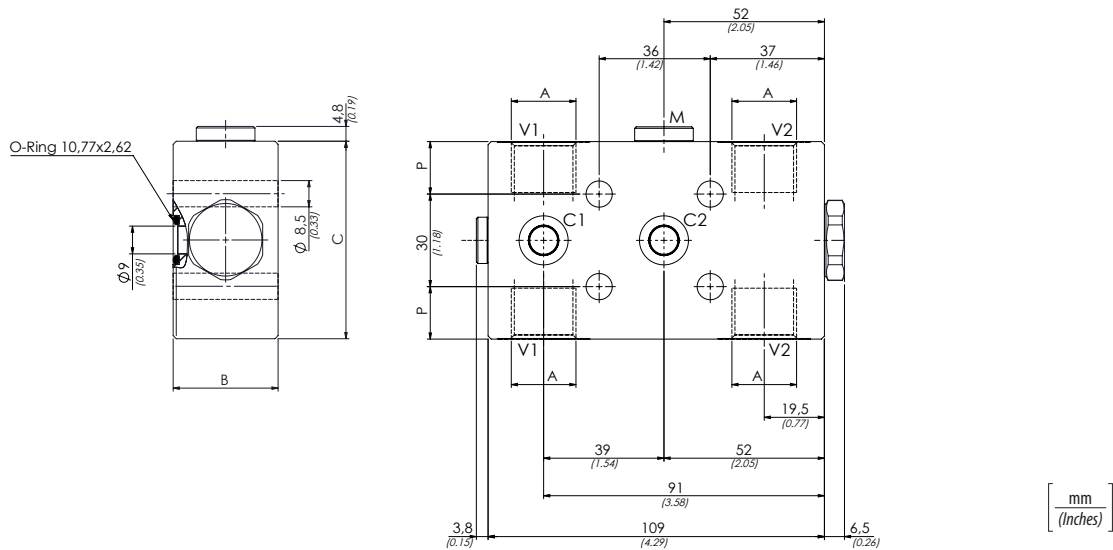
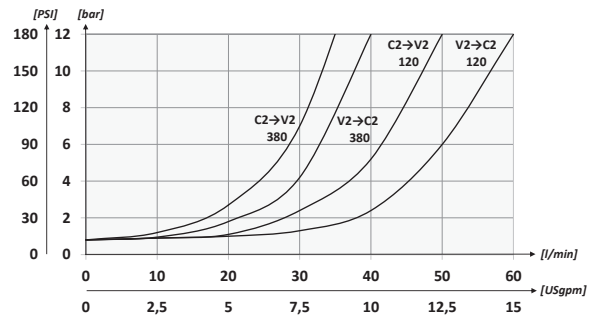


Dati tecnici - Technical data

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)		

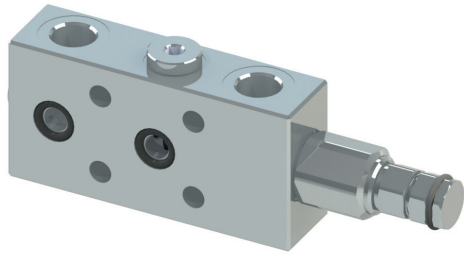
	01	02	03	04
Codice ordinazione Ordering code	VBZF		2	
01	Valvole di bilanciamento singole per centro aperto - flangiate a taratura fissa (Single counterbalance valves fixed setting for open center - flanged version)			VBZF
02	Dimensione (Size)	BSPP 3/8		380
		BSPP 1/2		120
03	Taratura (Setting) Q=5 l/min 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
Rapporto di pilotaggio (Pilot ratio) 1:4.25				

Performances

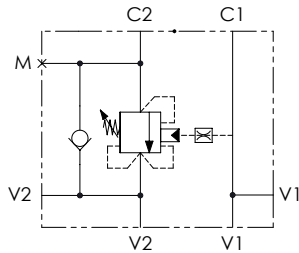


Caratteristiche tecniche - Technical characteristics

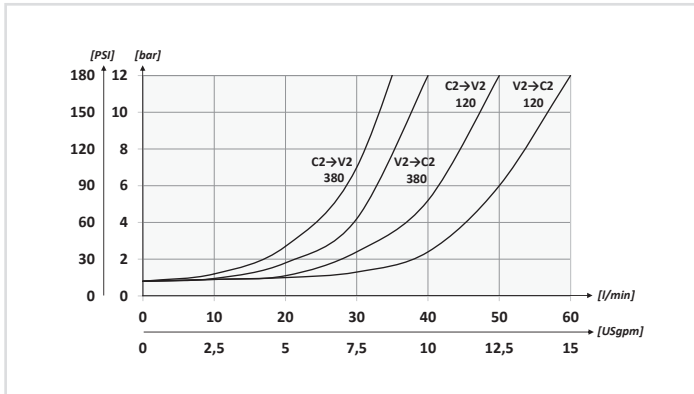
Tipo Type	A	Portata max (l/min) Max flow (USgpm)	Pressione max (bar) Max pressure (PSI)	B	C	M	P	Peso approssimativo (kg) Approx weight (lb)
VBZF380	BSPP 3/8	40 (10.6)	350 (5075)	29 (1.14)	54 (2.13)	BSPP 1/4	12 (0.47)	1,10 (2.42)
VBZF120	BSPP 1/2	60 (15.9)		34 (1.34)	64 (2.52)		17 (0.67)	1,48 (3.25)



Schema idraulico - Hydraulic circuit



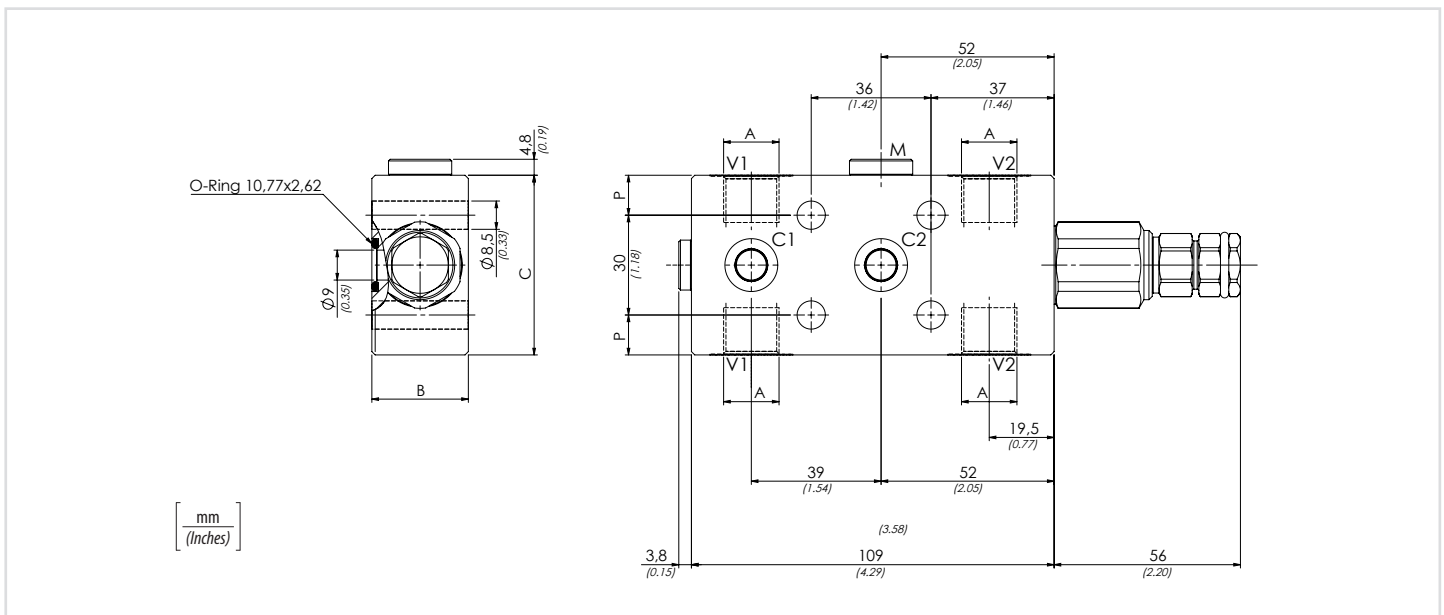
Performances



Codice ordinazione Ordering code		01	02	03	04	05
VCLF					S	
01	Valvole di bilanciamento singole per centro chiuso - flangiate (Single counterbalance valves for closed center - flanged version)					VCLF
02	Dimensione (Size)	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)			5	
05	Rapporto di pilotaggio (Pilot ratio)	1:4.25 Standard			/	
		1:8.75			8	

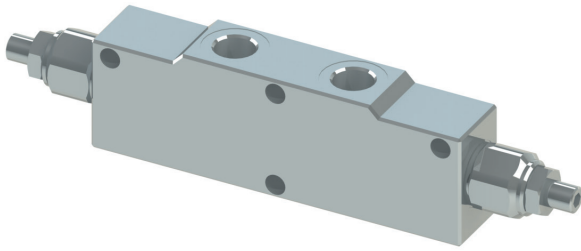
Dati tecnici - Technical data

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) <i>It is necessary a filter use to protect the valve (advised filtration 15 µm)</i>	

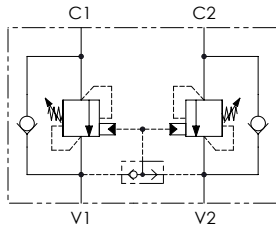


Caratteristiche tecniche - Technical characteristics

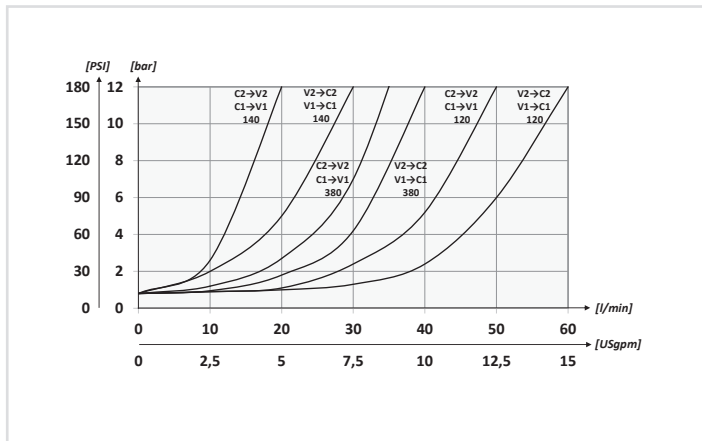
Tipo Type	A	Portata max (l/min) Max flow (USgpm)	Pressione max (bar) Max pressure (PSI)	B	C	M	P	Peso approssimativo (kg) Approx weight (lb)
VCLF380	BSPP 3/8	40 (10.6)	350 (5075)	29 (1.14)	54 (2.13)	BSPP 1/4	12 (0.47)	1,22 (2.69)
VCLF120	BSPP 1/2	60 (15.9)		34 (1.34)	64 (2.52)		17 (0.67)	1,60 (3.52)



Schema idraulico - Hydraulic circuit



Performances



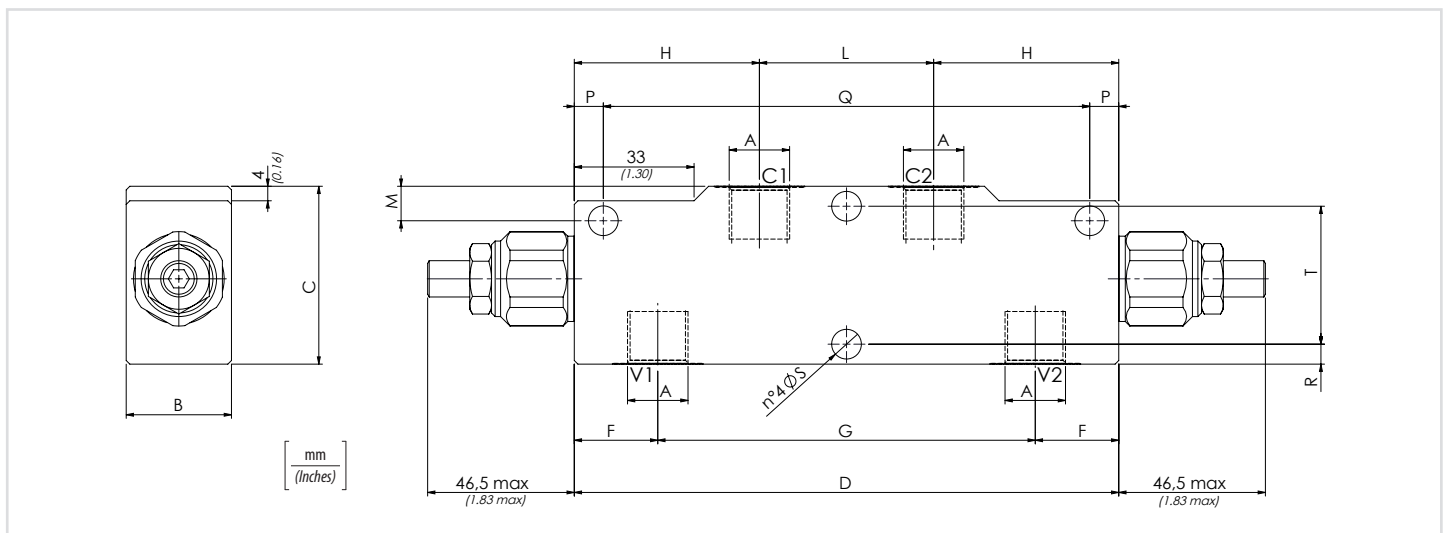
Codice ordinazione
Ordering code

01	02	03	04	05
VBCD				

01	Valvole di bilanciamento doppie per centro aperto (Dual counterbalance valves for open center)			VBCD		
02	Dimensione (Size)	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		
		Corpo in acciaio + zinco-nichel (Steel body + zinc-nickel)		K		
05	Rapporto di pilotaggio (Pilot ratio)	1:4.25 Standard		/		
		1:8.75		8		

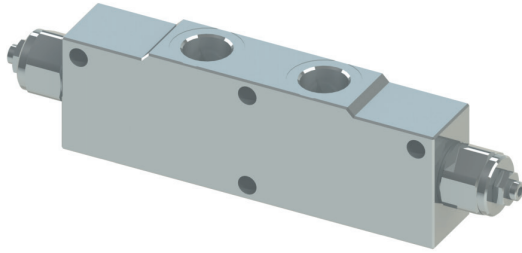
Dati tecnici - Technical data

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)	

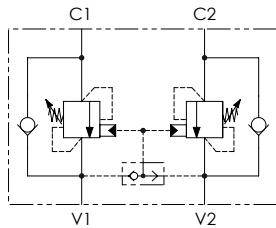


Caratteristiche tecniche - Technical characteristics

Tipo Type	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	BSPP 1/4	30 (7.9)	350 (5075)	29 (1.14)	49 (1.93)	150 (5.91)	23 (0.91)	104 (4.09)	51 (2.01)	48 (1.89)	10 (0.39)	8 (0.31)	134 (5.28)	5,5 (0.22)	8,2 (0.32)	38 (1.50)	1,57 (3,46)
VBCD380	BSPP 3/8	40 (10.6)															1,55 (3,41)
VBCD120	BSPP 1/2	60 (15.9)															59 (2.32)



Schema idraulico - Hydraulic circuit



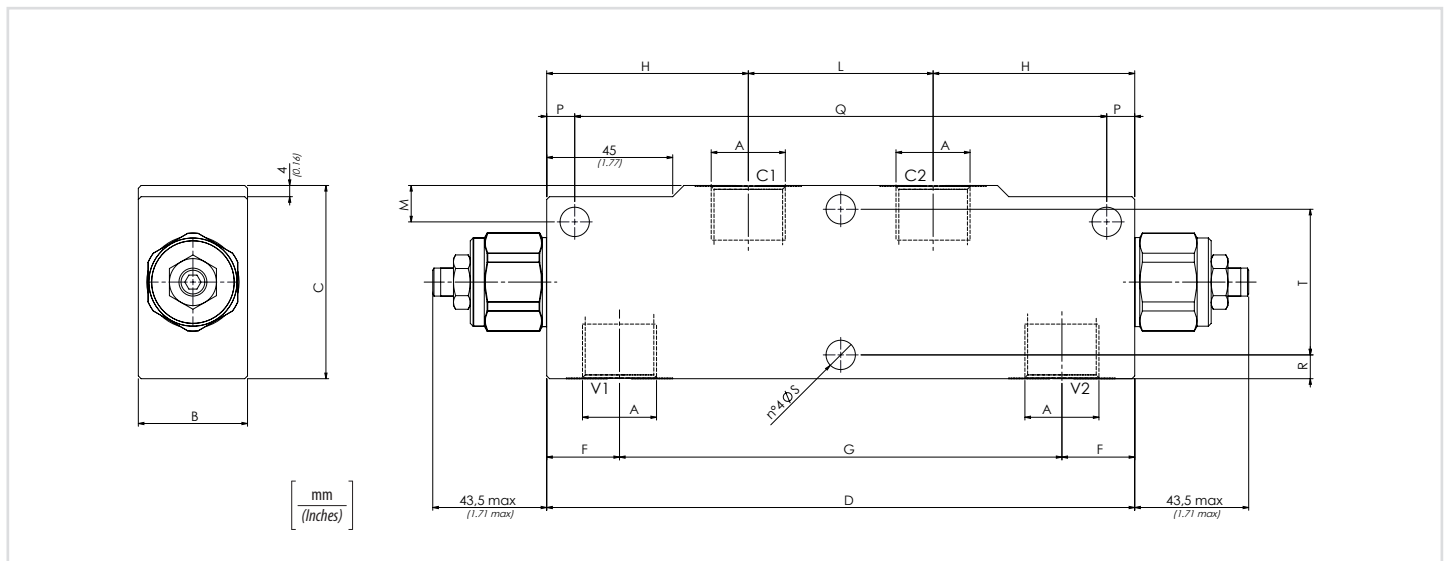
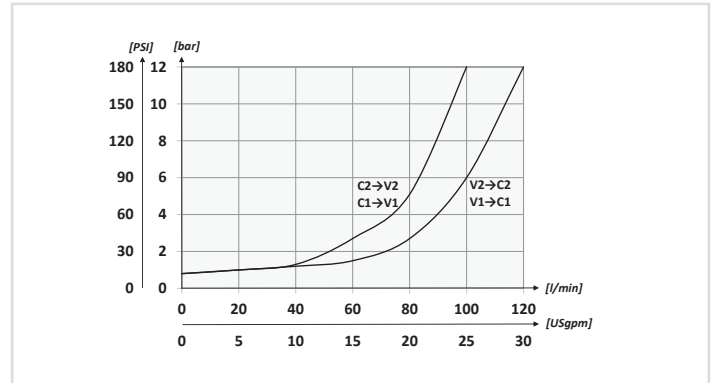
Dati tecnici - Technical data

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 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)		

	01	02	03	04	05
Codice ordinazione Ordering code	VBCD	340	2	S	

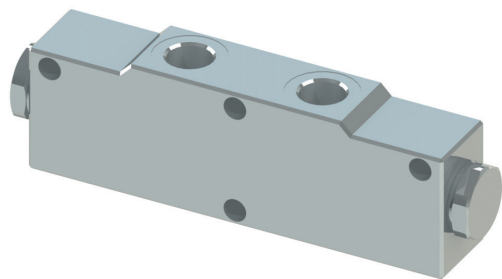
01	Valvole di bilanciamento doppie per centro aperto (Dual counterbalance valves for open center)		VBCD		
02	Dimensione (Size)	BSPP 3/4	340		
03	Molla (Spring) 60/350 bar (870/5075 PSI)	Rp 1:6.2	Incremento pressione al giro (Press. increase) 143 bar/al giro (2074 PSI/turn)	Taratura standard (Std. setting) Q=5 l/min 350 bar (5075 PSI)	2
		Rp 1:10.6	Incremento pressione al giro (Press. increase) 242 bar/al giro (3509 PSI/turn)		
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

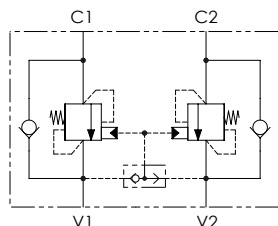


Caratteristiche tecniche - Technical characteristics

Tipo Type	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	BSPP 3/4	120 (31.7)	350 (5075)	39 (1.54)	69 (2.72)	210 (8.27)	26 (1.02)	158 (6.22)	72 (2.83)	66 (2.6)	13 (0.51)	10 (0.39)	190 (7.48)	8,5 (0.33)	10,5 (0.41)	52 (2.05)	4,5 (8,81)



Schema idraulico - Hydraulic circuit

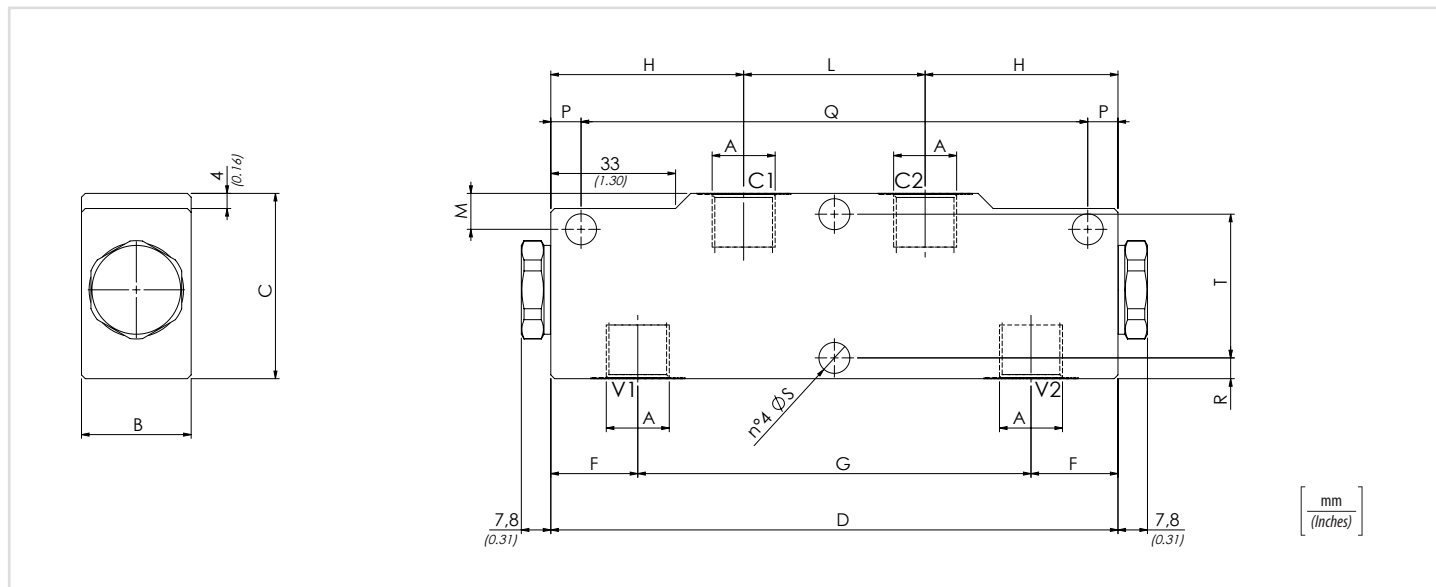
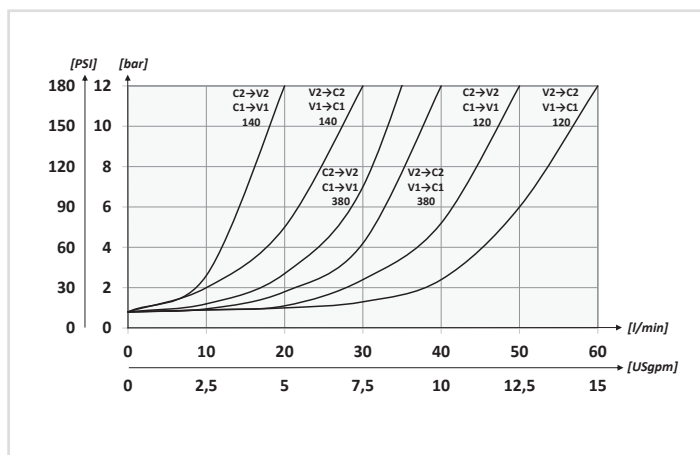


Dati tecnici - Technical data

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

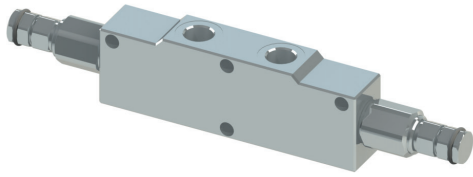
	01	02	03	04
Codice ordinazione Ordering code	VBZD		2	
01	Valvole di bilanciamento doppie per centro aperto a taratura fissa (Dual counterbalance valves fixed setting for open center)			VBZD
02	Dimensione (Size)	BSPP 1/4		140
		BSPP 3/8		380
		BSPP 1/2		120
03	Taratura (Setting) Q=5 l/min 350 bar (5075 PSI)			2
04	Materiale (Material)	Corpo in acciaio + zincatura (Steel body + zinc-plated)		S
		Corpo in acciaio + zinco-nichel (Steel body + zinc-nickel)		K
Rapporto di pilotaggio (Pilot ratio) 1:4.25				

Performances

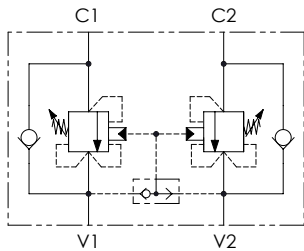


Caratteristiche tecniche - Technical characteristics

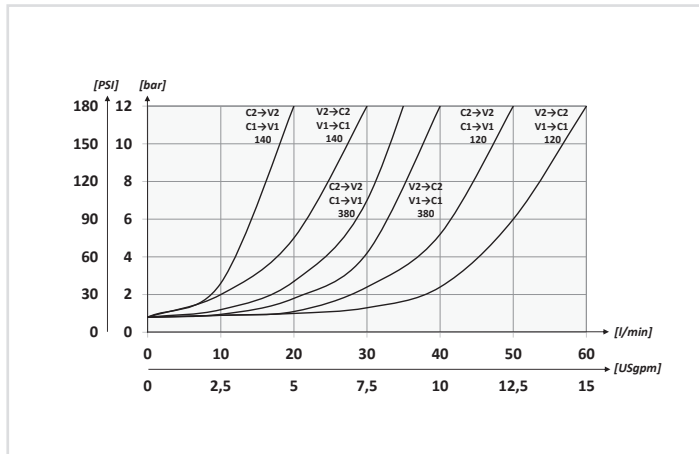
Tipo Type	A	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	B	C	D	F	G	H	L	M	P	Q	R	S	T	Peso approssimativo Approx weight kg/lb						
VBZD140	BSPP 1/4	30 (7.9)	350 (5075)	29 (1.14)	49 (1.93)	150 (5.91)	23 (0.91)	104 (4.09)	51 (2.01)	48 (1.89)	10 (0.39)	8 (0.31)	134 (5.28)	5,5 (0.22)	8,2 (0.32)	38 (1.50)	1,50 (3,30)						
VBZD380	BSPP 3/8	40 (10.6)															59 (2.32)	21 (0.83)	108 (4.25)	12 (0.47)	7,5 (0.29)	43 (1.69)	1,48 (3,25)
VBZD120	BSPP 1/2	60 (15.9)															21 (0.83)	108 (4.25)	12 (0.47)	7,5 (0.29)	43 (1.69)	1,71 (3.76)	



Schema idraulico - Hydraulic circuit



Performances



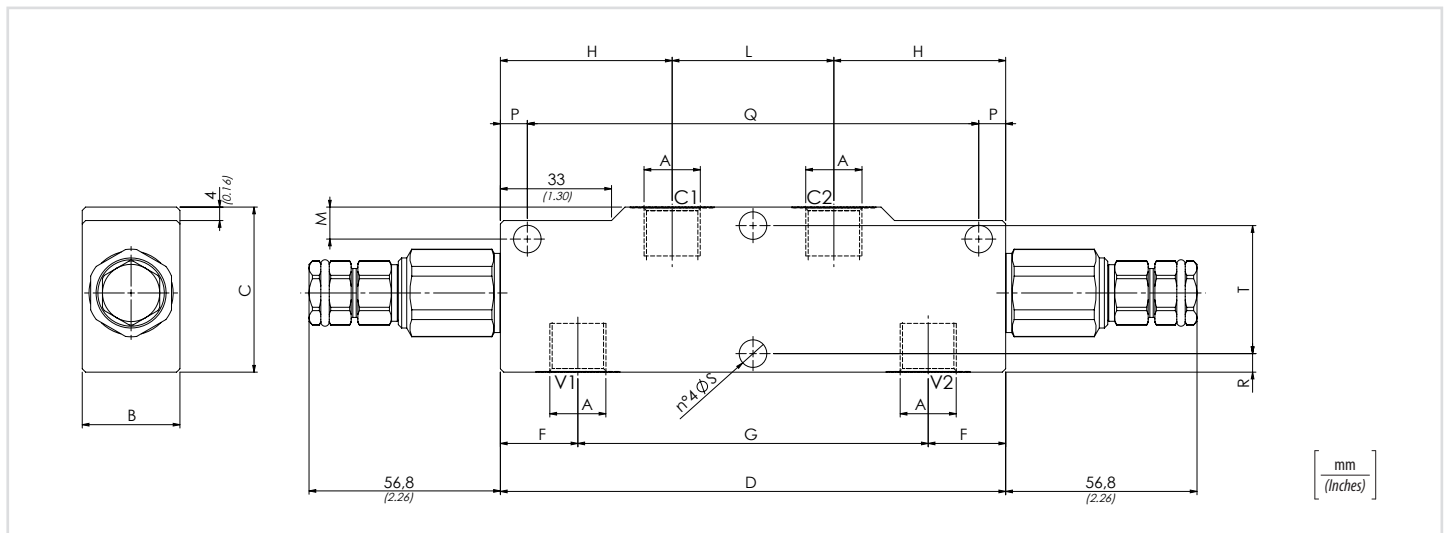
Codice ordinazione
Ordering code

01	02	03	04	05
VBCC			S	

01	Valvole di bilanciamento doppie per centro chiuso (Dual counterbalance valves for closed center)			VBCC		
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		

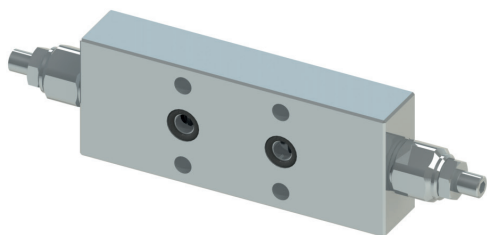
Dati tecnici - Technical data

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)			

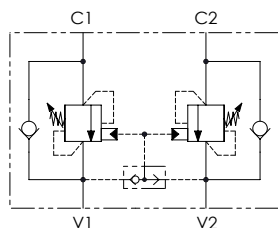


Caratteristiche tecniche - Technical characteristics

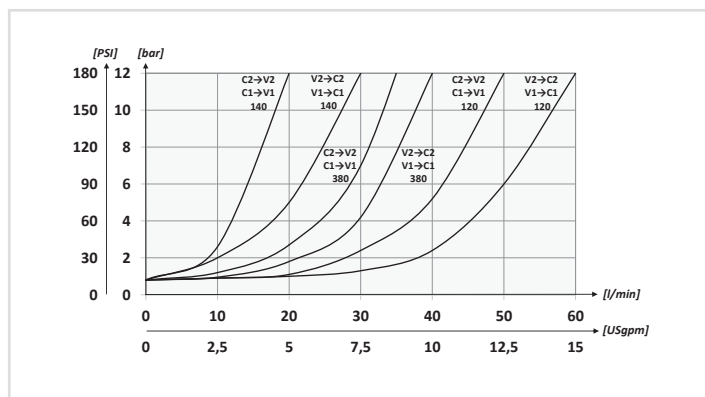
Tipo Type	A	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	B	C	D	F	G	H	L	M	P	Q	R	S	T	Peso approssimativo (kg) Approx weight (lb)
VBCC140	BSPP 1/4	30 (8)	350 (5075)	29 (1.14)	49 (1.93)	150 (5.91)	23 (0.91)	104 (4.09)	51 (2.01)	48 (1.89)	10 (0.39)	8 (0.31)	134 (5.28)	5,5 (0.22)	8,2 (0.32)	38 (1.50)	1,68 (3.70)
VBCC380	BSPP 3/8	40 (10.5)			59 (2.32)		21 (0.83)	108 (4.25)						7,5 (0.29)		43 (1.69)	1,66 (3.66)
VBCC120	BSPP 1/2	60 (16)															1,89 (4.16)



Schema idraulico - Hydraulic circuit



Performances

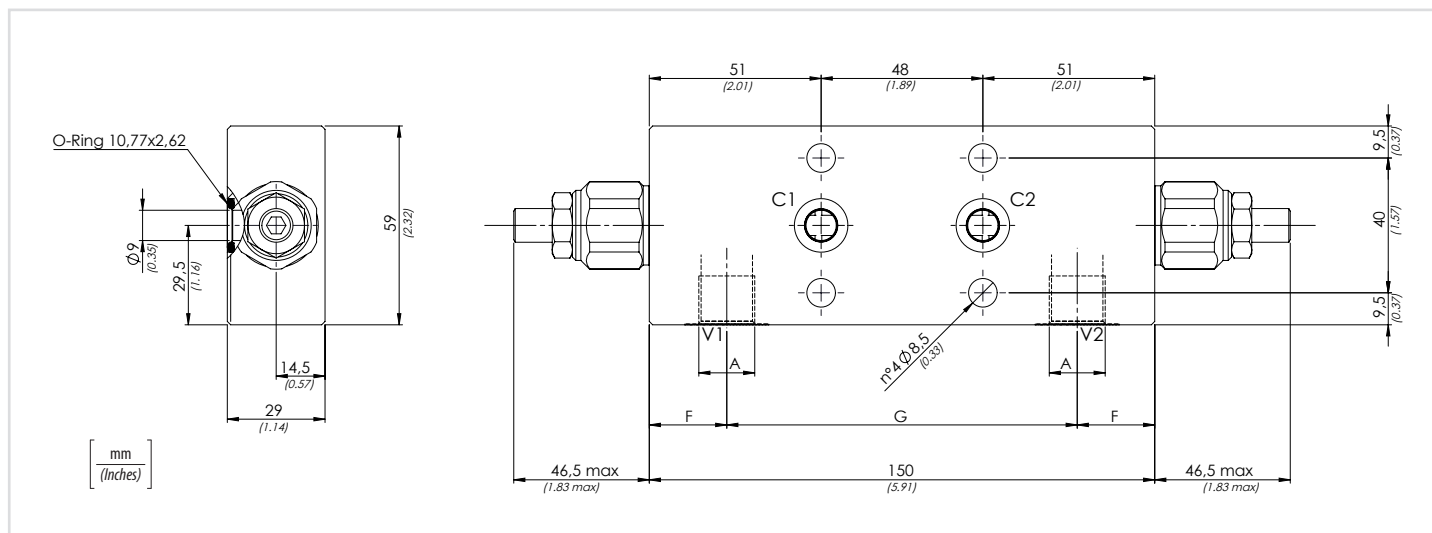


Codice ordinazione Ordering code	01	02	03	04	05
	VBCF				

01	Valvole di bilanciamento doppie per centro aperto - flangiate (Dual counterbalance valves for open center - flanged version)				VBCF	
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	
				Corpo in acciaio + zinco-nichel (Steel body + zinc-nickel)	K	
05	Rapporto di pilotaggio (Pilot ratio)					
	1:4.25 Standard				/	
				1:8.75	8	

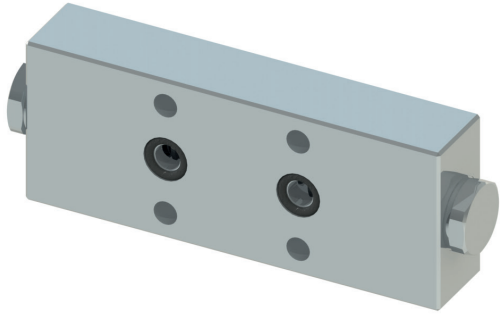
Dati tecnici - Technical data

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)	

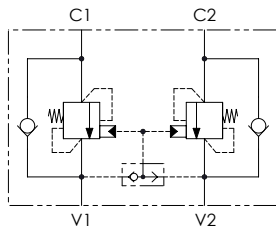


Caratteristiche tecniche - Technical characteristics

Tipo Type	A	Portata max Max flow l/min-USgpm	Pressione max (bar) Max pressure (PSI)	G	F	Peso approssimativo (kg) Approx weight (lb)
VBCF140	BSPP 1/4	40 (10.6)	350 (5075)	104 (4.09)	23 (0.91)	2,02 (4.45)
VBCF380	BSPP 3/8					
VBCF120	BSPP 1/2	60 (15.9)		108 (4.25)	21 (0.83)	1,92 (4.23)



Schema idraulico - Hydraulic circuit



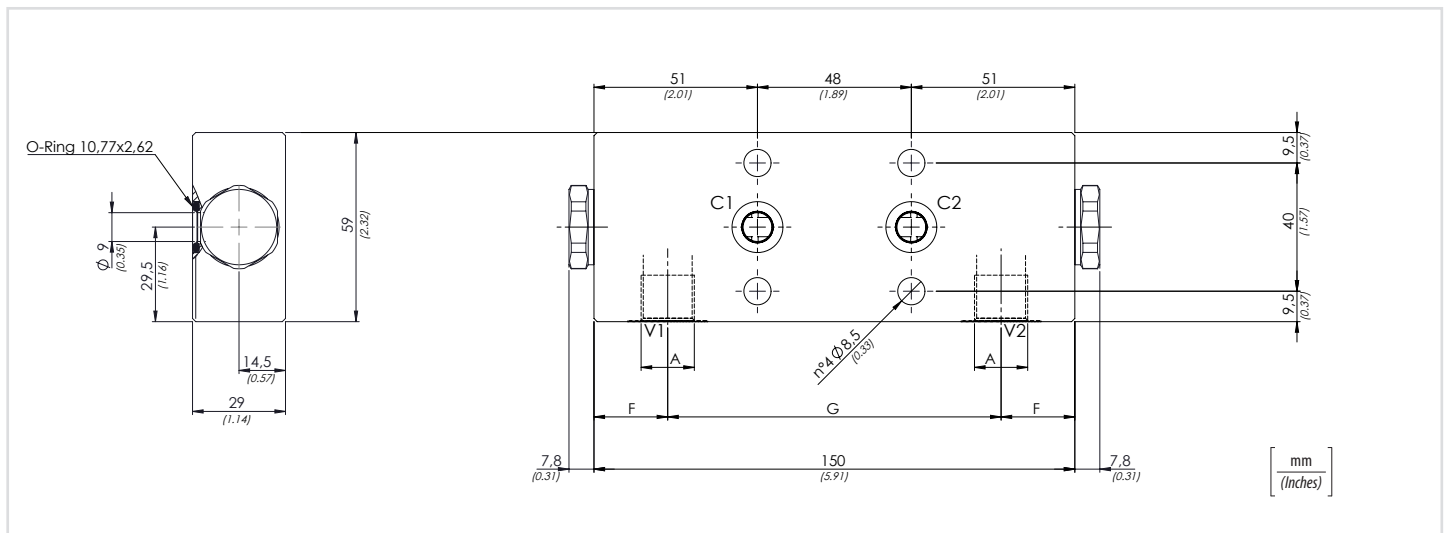
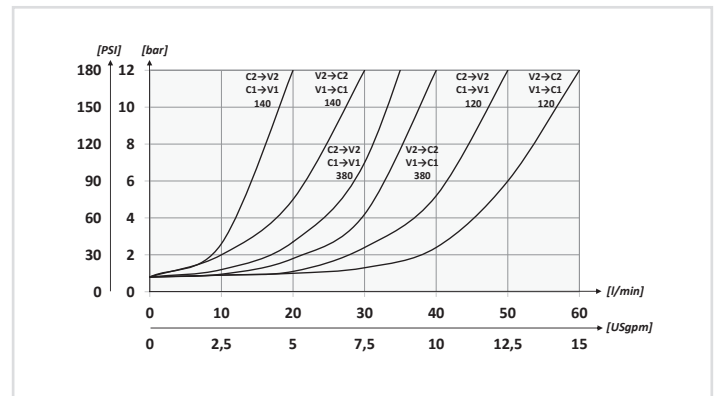
Dati tecnici - Technical data

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
	VBZG		2	

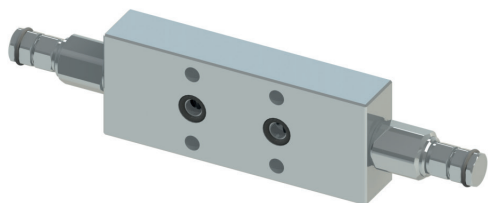
01	Valvole di bilanciamento doppie per centro aperto - flangiate a taratura fissa (Dual counterbalance valves fixed setting for open center - flanged version)	VBZG
02	Dimensione (Size)	BSPP 1/4 140
		BSPP 3/8 380
		BSPP 1/2 120
03	Taratura (Setting) Q=5 l/min 350 bar (5075 PSI)	2
04	Materiale (Material)	Corpo in acciaio + zincatura (Steel body + zinc-plated) S
		Corpo in acciaio + zinco-nichel (Steel body + zinc-nickel) K
Rapporto di pilotaggio (Pilot ratio) 1:4.25		

Performances

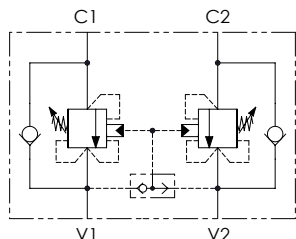


Caratteristiche tecniche - Technical characteristics

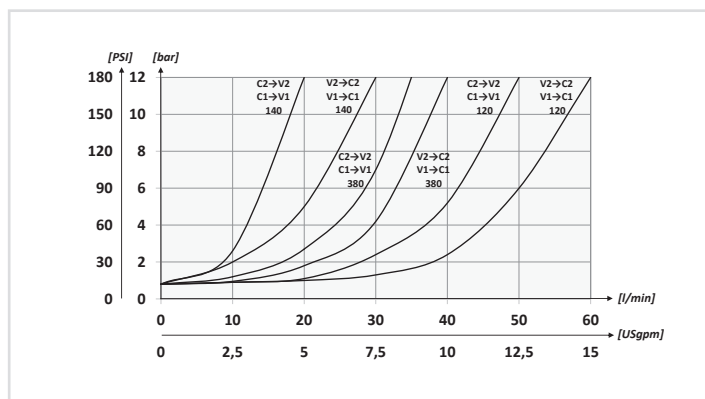
Tipo Type	A	Portata max Max flow l/min-USgpm	Pressione max (bar) Max pressure (PSI)	G	F	Peso approssimativo (kg) Approx weight (lb)
VBZG140	BSPP 1/4	40 (10.6)	350 (5075)	104 (4.09)	23 (0.91)	1,98 (4.24)
VBZG380	BSPP 3/8					
VBZG120	BSPP 1/2	60 (15.9)		108 (4.25)	21 (0.83)	1,88 (4.03)



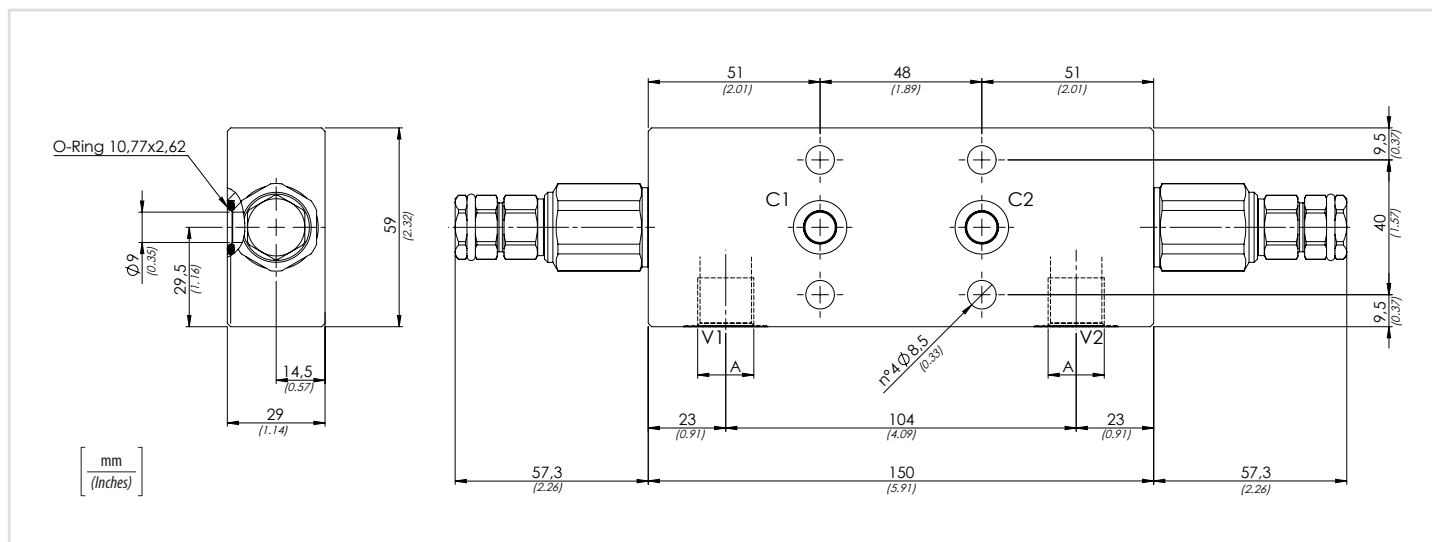
Schema idraulico - Hydraulic circuit



Performances



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)			
03	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	

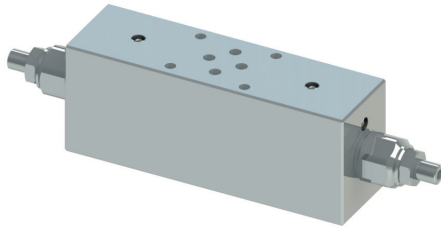


Dati tecnici - Technical data

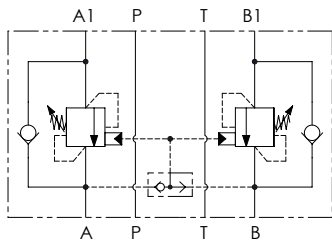
Olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio/Oil viscosity	15-250 mm ² /s (15 to 250 cSt)
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio/Oil temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente/Ambient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

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)



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)		

Caratteristiche tecniche - Technical characteristics

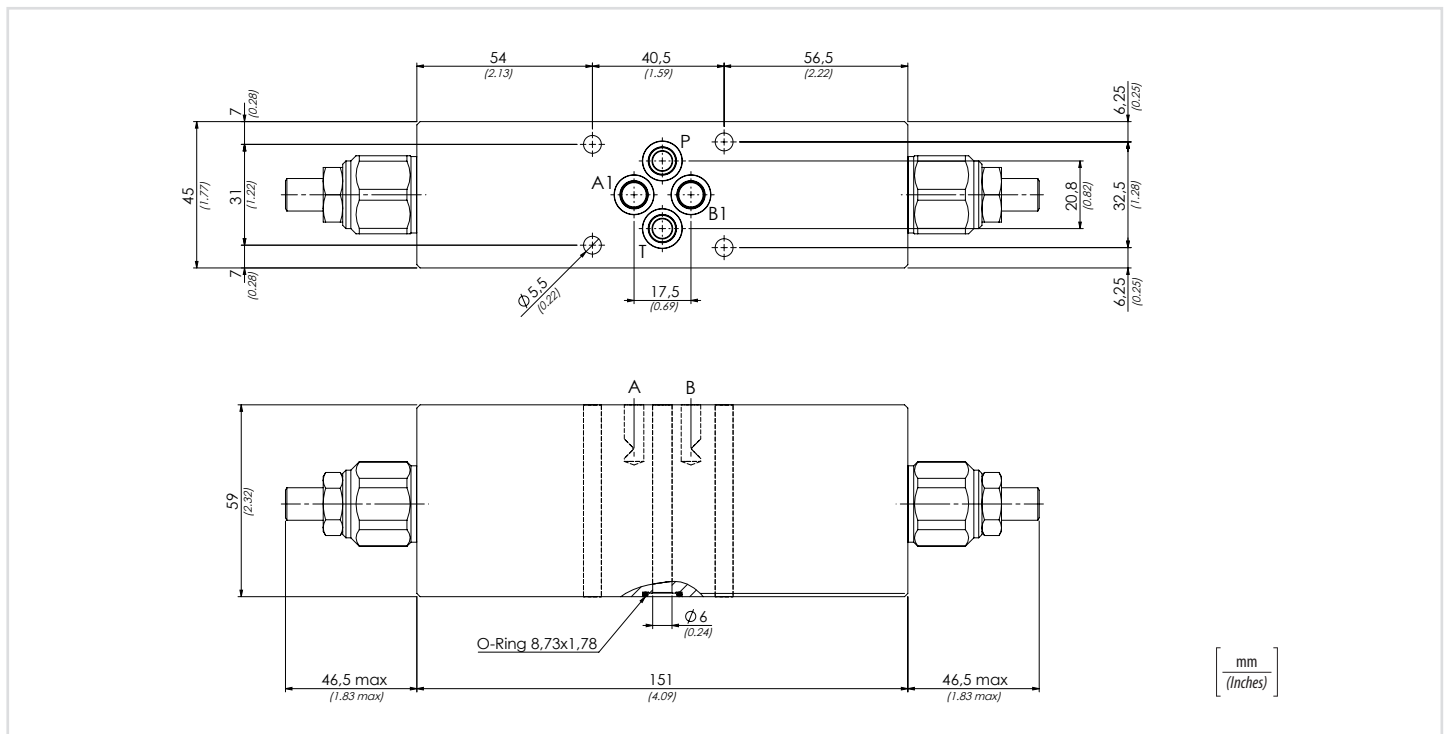
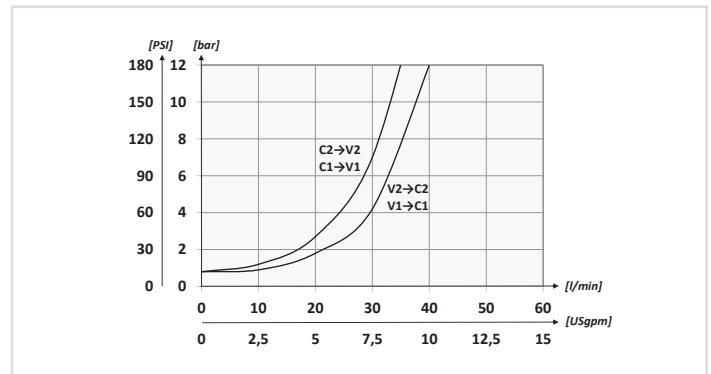
Tipo Type	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Peso approssimativo Approx weight kg/lb
VBCS06	40 (10.6)	350 (5075)	3,10 (6.80)

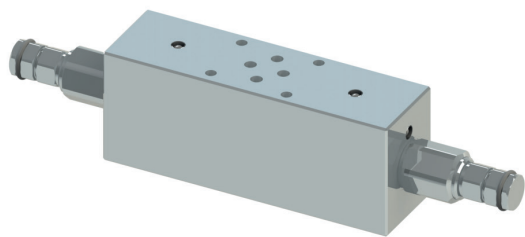
**Codice ordinazione
Ordering code**

01	02	03	04	05
VBCS06		S		

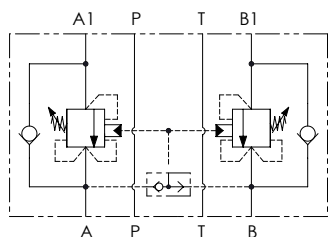
01	Valvole di bilanciamento modulari CETOP3 doppie per centro aperto (Dual CETOP3 modular counterbalance valves for open center)			VBCS06
02	Molla (Spring) 30/210 bar (435/3045 PSI)	Rp 1:4.25	Incremento pressione al giro (Press. increase) 78 bar/al giro (1131 PSI/turn)	1
		Rp 1:8.75	Incremento pressione al giro (Press. increase) 160 bar/al giro (2320 PSI/turn)	
02	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)	2
		Rp 1:8.75	Incremento pressione al giro (Press. increase) 160 bar/al giro (2320 PSI/turn)	
03	Materiale (Material)	Corpo in acciaio + zincatura (Steel body + zinc-plated)		S
04	Rapporto di pilotaggio (Pilot ratio)	1:4.25 Standard		/
		1:8.75		8

Performances





Schema idraulico - Hydraulic circuit



Dati tecnici - Technical data

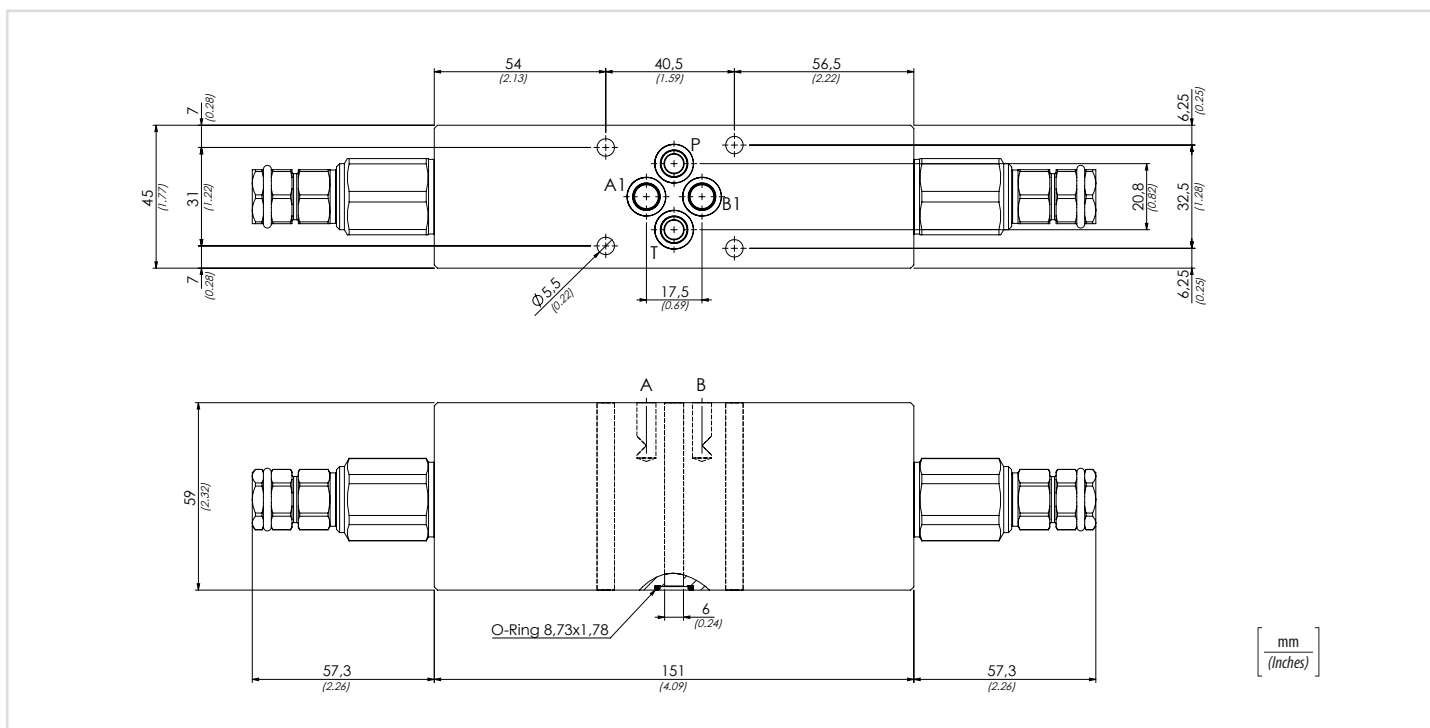
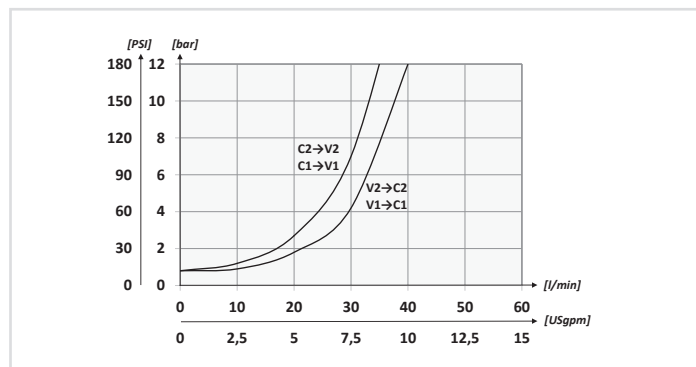
Olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)	
Viscosità olio/Oil viscosity	15-250 mm ² /s (15 to 250 cSt)	
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14	
Temperatura dell'olio/Oil temperature	-20°C +80°C	-4°F + 176°F
Temperatura ambiente/Ambient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

Caratteristiche tecniche - Technical characteristics

Tipo Type	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Peso approssimativo Approx weight kg/lb
VBCT06	40 (10.6)	350 (5075)	3,10 (6.9)

	01	02	03	04	05
Codice ordinazione Ordering code	VBCT06		S		
01	Valvole di bilanciamento modulari CETOP3 doppie per centro chiuso (Dual CETOP3 modular counterbalance valves for closed center)				VBCT06
03	Materiale (Material) Corpo in acciaio + zincatura (Steel body + zinc-plated)				5
02	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	Rapporto di pilotaggio (Pilot ratio)		1:4.25 Standard		/
			1:8.75		8

Performances





01

Codice ordinazione
Ordering code

01	81300119	M6
	81300037	M8
	81300095	M10
	81300120	M12
	81300121	M16