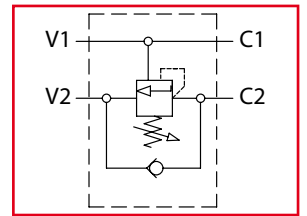




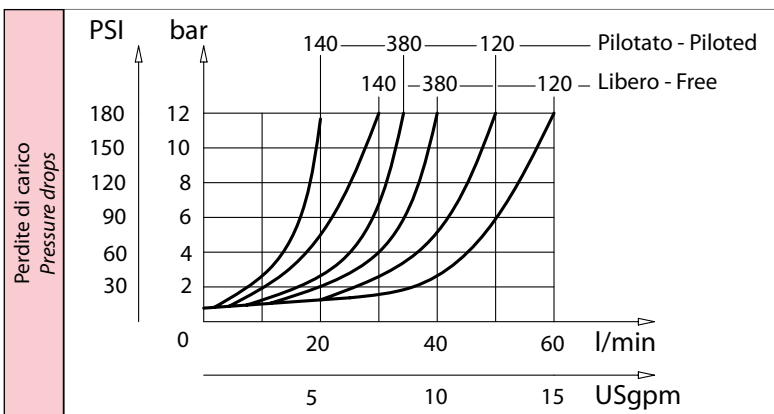
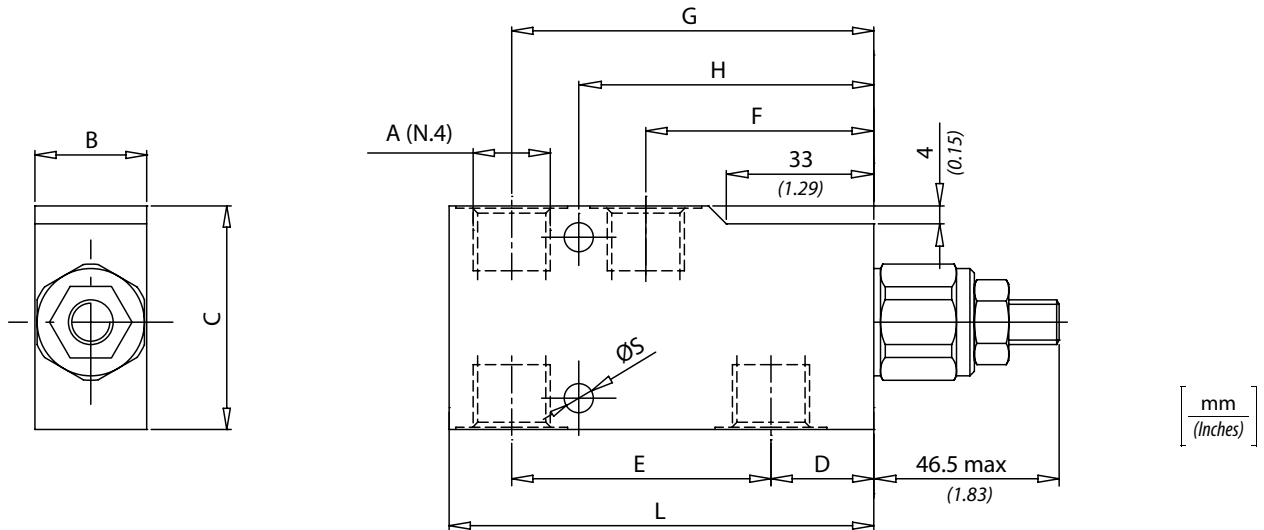
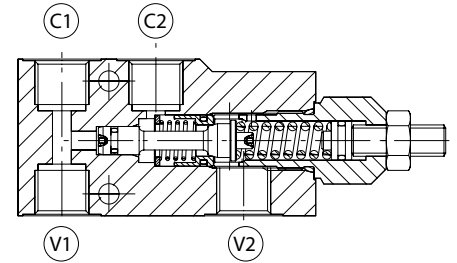
VBCL

Valvole overcenter singole per centro aperto
Single counterbalance valves for open center



Dati tecnici Technical data	
Viscosità fluido Fluid viscosity	10-500 mm ² /s 45 to 2000 ssu (6 to 420 cSt)
Classe di contaminazione Filtration	ISO code 16/13 SAE class 4 or better
Temperatura fluido Fluid temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente Ambient temperature	-20°C +50°C -4°F +122°F

Settaggio valvola di massima: almeno 1,3 volte il carico più alto usato.
Relief valve setting: at least 1.3 times the highest expected load.



Codice ordinazione Ordering code					
VBCL - X - Y - K - Z					
X	Dimensione / Size	K	Materiale / Material	Z	Optional
140	BSPP 1/4	S	Corpo in acciaio (Steel body)	S	
380	BSPP 3/8				
120	BSPP 1/2				
Y	Molla - Spring	Incremento pressione al giro Press. increase	Taratura standard Std. setting (Q=5 l/min)		
1	30/210 bar (400/3000 PSI)	70 bar/turn (1000 PSI/turn)	200 bar (2900 PSI)		
2	60/350 bar (850/3500 PSI)	120 bar/turn (1700 PSI/turn)	350 bar (5000 PSI)		

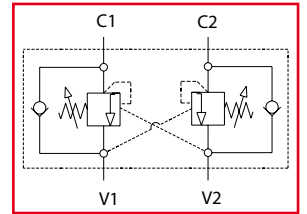
Caratteristiche tecniche Technical performances

Codice Code	A	Portata Max Max flow l/min - USgpm	Pressione Max Max pressure bar/PSI	B	C	D	E	F	G	H	L	S	Peso approssimativo Approx weight Kg / lb	Rapporto di pilotaggio Pilot ratio
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)	6,5 (0.26)	0,85 (1.90)	1:4.25
VBCL380	BSPP 3/8	40 (10.5)		30 (1.18)	60 (2.36)	21 (0.83)	63 (2.48)		84 (3.30)	67,5 (2.66)	100 (3.94)			
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)			



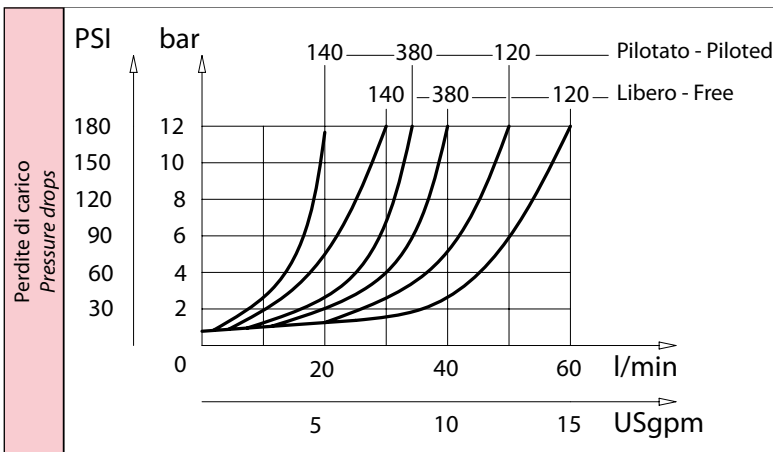
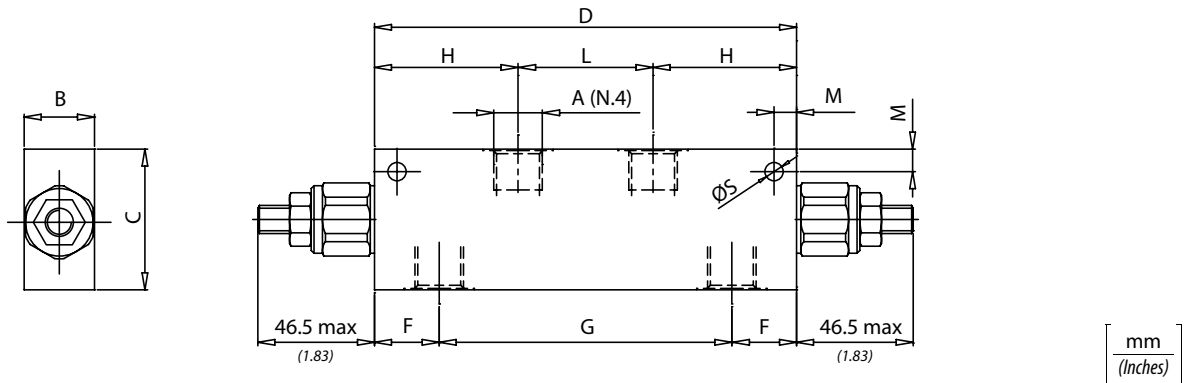
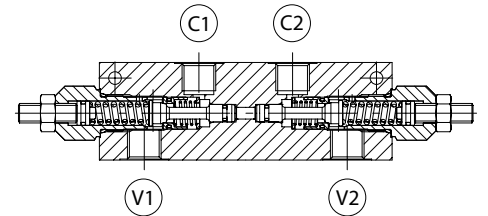
VBCD

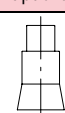
Valvole overcenter doppie per centro aperto
Dual counterbalance valves for open center



Dati tecnici Technical data	
Viscosità fluido Fluid viscosity	10-500 mm ² /s 45 to 2000 ssu (6 to 420 cSt)
Classe di contaminazione Filtration	ISO code 16/13 SAE class 4 or better
Temperatura fluido Fluid temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente Ambient temperature	-20°C +50°C -4°F +122°F

Settaggio valvola di massima: almeno 1,3 volte il carico più alto usato.
Relief valve setting: at least 1.3 times the highest expected load.



Codice ordinazione Ordering code				
VBCD - X - Y - K - Z				
X	Dimensione / Size	K	Materiale / Material	Z Optional
140	BSPP 1/4	S	Corpo in acciaio (Steel body)	S 
380	BSPP 3/8			
120	BSPP 1/2			
Y	Molla - Spring	Incremento pressione al giro Press. increase	Taratura standard Std. setting (Q=5 l/min)	
1	30/210 bar (400/3000 PSI)	70 bar/turn (1000 PSI/turn)	200 bar (2900 PSI)	
2	60/350 bar (850/3500 PSI)	120 bar/turn (1700 PSI/turn)	350 bar (5000 PSI)	

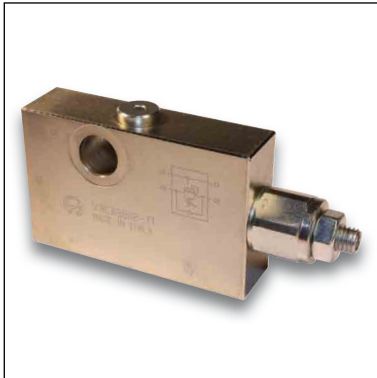
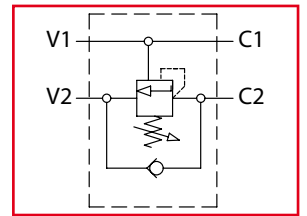
Caratteristiche tecniche Technical performances

Codice Code	A	Portata Max Max flow l/min - USgpm	Pressione Max Max pressure bar/PSI	B	C	D	F	G	H	L	M	S	Peso approssimativo Approx weight Kg / lb	Rapporto di pilotaggio Pilot ratio
VBCD140	BSPP 1/4	30 (8)	350 (5000)	25 (0.98)	50 (1.97)	150 (5.90)	23 (0.90)	104 (4.09)	51 (2)	48 (1.89)	8 (0.32)	6,5 (0.26)	1,5 (3.3)	1:4.25
VBCD380	BSPP 3/8	40 (10.5)												
VBCD120	BSPP 1/2	60 (16)		30 (1.18)	60 (2.36)	21 (0.83)	108 (4.25)	2 (4.4)						

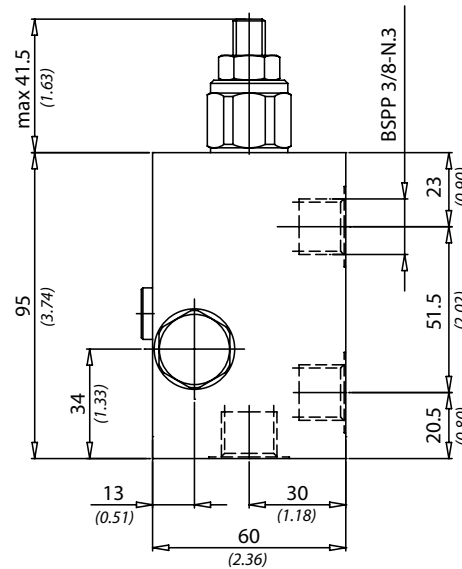
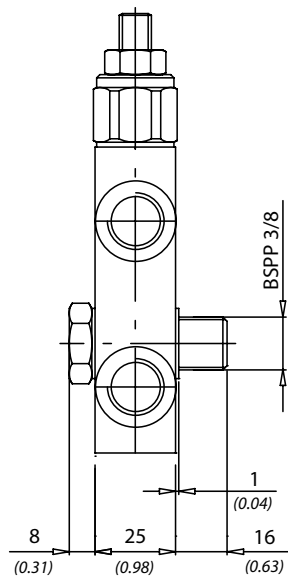
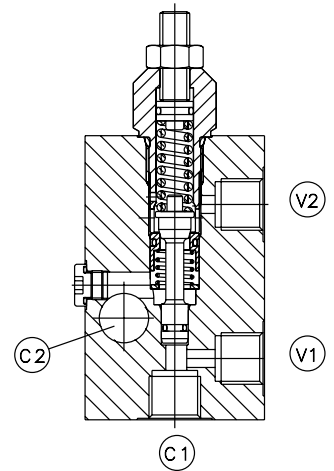


VBCB

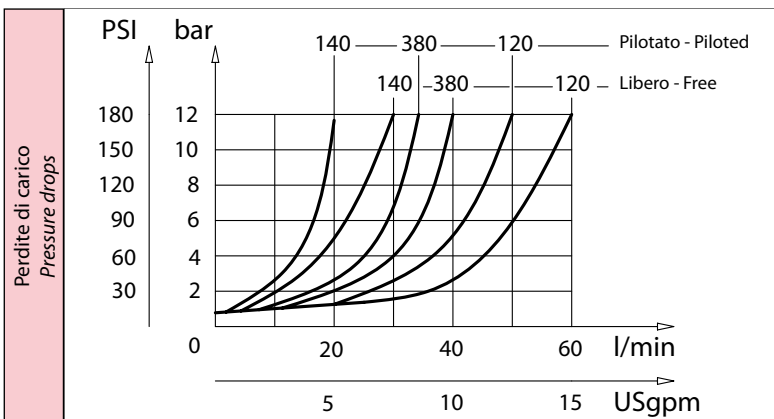
Valvole overcenter singola a bullone per centro aperto
Bolt-fitting single counterbalance valves for open center



Dati tecnici Technical data	
Viscosità fluido Fluid viscosity	10-500 mm ² /s 45 to 2000 ssu (6 to 420 cSt)
Classe di contaminazione Filtration	ISO code 16/13 SAE class 4 or better
Temperatura fluido Fluid temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente Ambient temperature	-20°C +50°C -4°F +122°F
Settaggio valvola di massima: almeno 1,3 volte il carico più alto usato. Relief valve setting: at least 1.3 times the highest expected load.	



mm
(Inches)



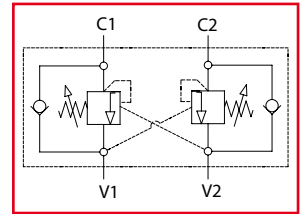
Caratteristiche tecniche Technical performances					
Codice Code	A	Portata Max Max flow l/min - USgpm	Pressione Max Max pressure bar/PSI	Peso approssimativo Approx weight Kg / lb	Rapporto di pilotaggio Pilot ratio
VBCB380	BSPP 3/8	40 (10.5)	350 (5000)	1,1 (2.5)	1:4.25

Codice ordinazione Ordering code					
VBCB - X - Y - K - Z					
X	Dimensione / Size	K	Materiale / Material	Z	Optional
380	BSPP 3/8	s	Corpo in acciaio (Steel body)	s	
Y	Molla - Spring	Incremento pressione al giro Press. increase	Taratura standard Std. setting (Q=5 l/min)		
1	30/210 bar (400/3000 PSI)	70 bar/turn (1000 PSI/turn)	200 bar (2900 PSI)		
2	60/350 bar (850/3500 PSI)	120 bar/turn (1700 PSI/turn)	350 bar (5000 PSI)		

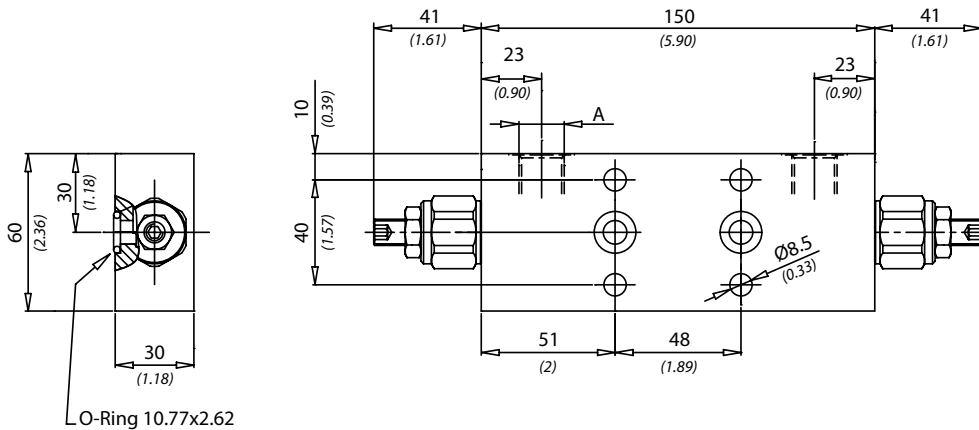
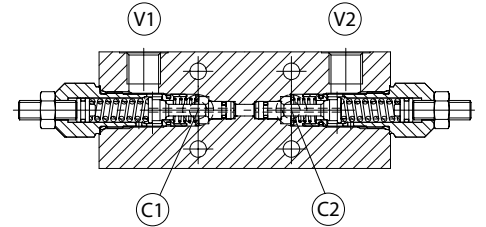


VBCF

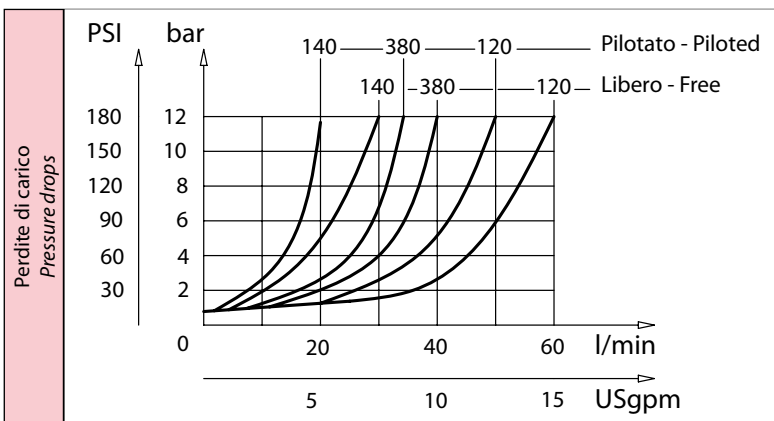
Valvole overcenter doppie per centro aperto
Dual counterbalance valves for open center



Dati tecnici Technical data	
Viscosità fluido Fluid viscosity	10-500 mm ² /s 45 to 2000 ssu (6 to 420 cSt)
Classe di contaminazione Filtration	ISO code 16/13 SAE class 4 or better
Temperatura fluido Fluid temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente Ambient temperature	-20°C +50°C -4°F +122°F
Settaggio valvola di massima: almeno 1,3 volte il carico più alto usato. Relief valve setting: at least 1.3 times the highest expected load.	



mm
Inches



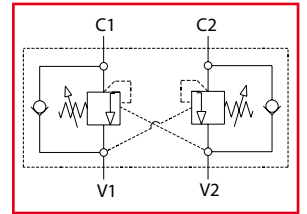
Caratteristiche tecniche Technical performances					
Codice Code	A	Portata Max Max flow l/min - USgpm	Pressione Max Max pressure bar/PSI	Peso approssimativo Approx weight Kg / lb	Rapporto di pilotaggio Pilot ratio
VBCF140	BSPP 1/4	40 (10.5)	350 (5000)	2 (4.4)	1:4.25
VBCF380	BSPP 3/8				
VBCF120	BSPP 1/2				

Codice ordinazione Ordering code					
VBCF - X - Y - K - Z					
X	Dimensione / Size	K	Materiale / Material	Z	Optional
140	BSPP 1/4	s	Corpo in acciaio (Steel body)	s	
380	BSPP 3/8				
120	BSPP 1/2				
Y	Molla - Spring	Incremento pressione al giro Press. increase	Taratura standard Std. setting (Q=5 l/min)		
1	30/210 bar (400/3000 PSI)	70 bar/turn (1000 PSI/turn)	200 bar (2900 PSI)		
2	60/350 bar (850/3500 PSI)	120 bar/turn (1700 PSI/turn)	350 bar (5000 PSI)		

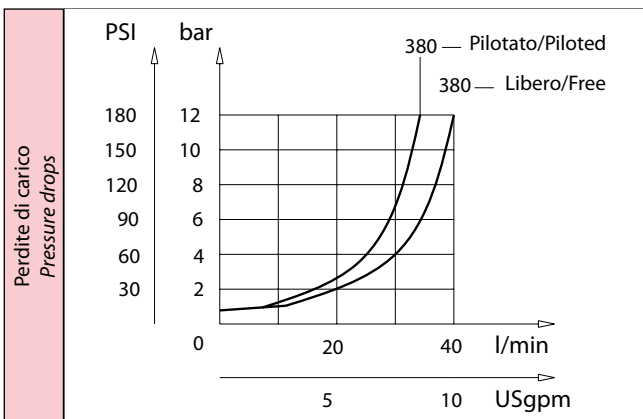
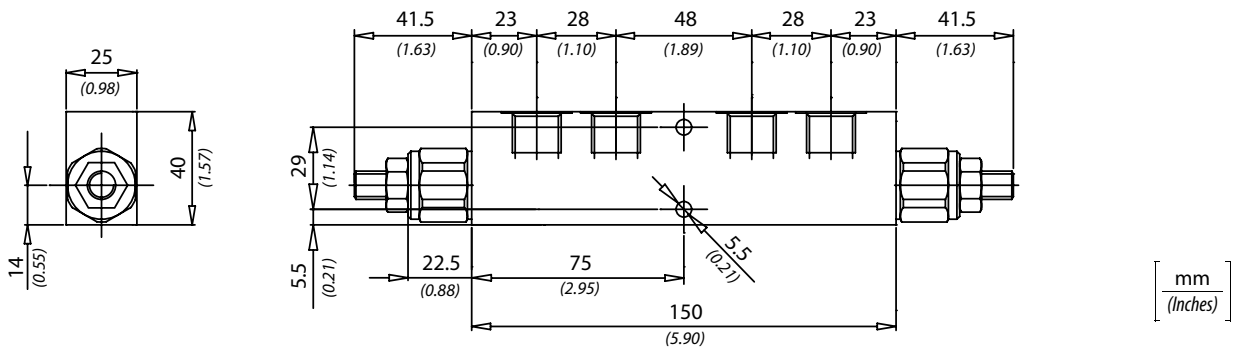
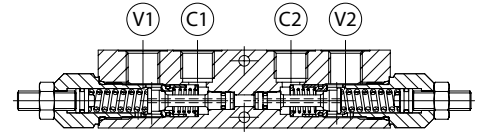


VBCG

Valvole overcenter doppie per centro aperto
Dual counterbalance valves for open center



Dati tecnici Technical data	
Viscosità fluido Fluid viscosity	10-500 mm ² /s 45 to 2000 ssu (6 to 420 cSt)
Classe di contaminazione Filtration	ISO code 16/13 SAE class 4 or better
Temperatura fluido Fluid temperature	-20°C +80°C -4°F + 176°F
Temperatura ambiente Ambient temperature	-20°C +50°C -4°F + 122°F
Settaggio valvola di massima: almeno 1,3 volte il carico più alto usato. Relief valve setting: at least 1.3 times the highest expected load.	



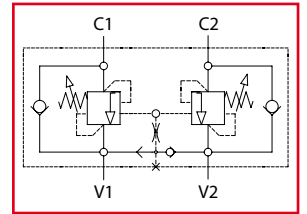
Caratteristiche tecniche Technical performances				
Codice Code	Portata Max Max flow l/min - USgpm	Pressione Max Max pressure bar/PSI	Peso approssimativo Approx weight Kg / lb	Rapporto di pilotaggio Pilot ratio
VBCG380	40 (10.5)	210 (3000)	0,7 (1.55)	1:4.25

Codice ordinazione Ordering code					
VBCG - X - Y - K - Z					
X	Dimensione / Size	K	Materiale / Material	Z	Optional
380	BSPP 3/8	s	Corpo in alluminio (Aluminium body)	s	
Y	Molla - Spring	Incremento pressione al giro Press. increase		Taratura standard Std. setting (Q=5 l/min)	
1	30/210 bar (400/3000 PSI)	70 bar/turn (1000 PSI/turn)		200 bar (2900 PSI)	
2	60/350 bar (850/3500 PSI)	120 bar/turn (1700 PSI/turn)		350 bar (5000 PSI)	

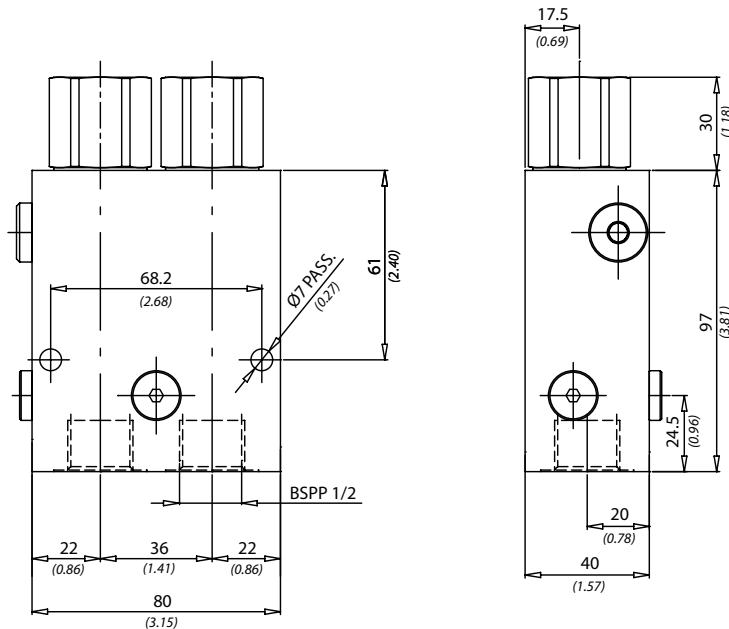
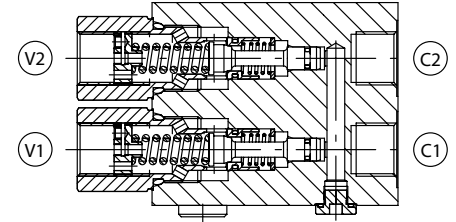


VBCE

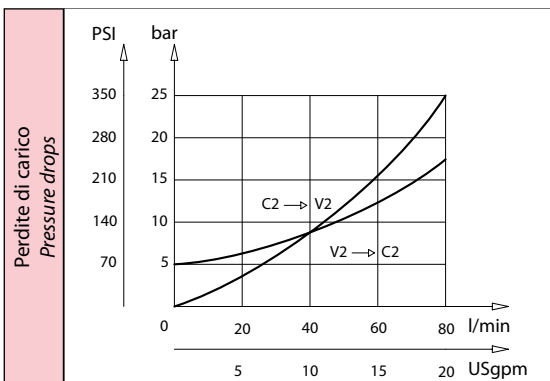
Valvole overcenter doppio effetto
Dual counterbalance valves for open center



Dati tecnici Technical data	
Viscosità fluido Fluid viscosity	10-500 mm ² /s 45 to 2000 ssu (6 to 420 cSt)
Classe di contaminazione Filtration	ISO code 16/13 SAE class 4 or better
Temperatura fluido Fluid temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente Ambient temperature	-20°C +50°C -4°F +122°F
Settaggio valvola di massima: almeno 1,3 volte il carico più alto usato. Relief valve setting: at least 1.3 times the highest expected load.	



[mm
(Inches)]



Caratteristiche tecniche Technical performances				
Codice Code	Portata Max Max flow l/min - USgpm	Pressione Max Max pressure bar/PSI	Peso approssimativo Approx weight Kg / lb	Rapporto di pilotaggio Pilot ratio
VBCE120	60 (15)	350 (5000)	2,3 (5)	1:4.25

Codice ordinazione Ordering code			
VBCE - X - Y - K			
X	Dimensione / Size	K	Materiale / Material
120	BSPP 1/2	S	Corpo in acciaio (Steel body)
Y	Molla - Spring	Incremento pressione al giro Press. increase	Taratura standard Std. setting (Q=5 l/min)
1	30/210 bar (400/3000 PSI)	70 bar/turn (1000 PSI/turn)	200 bar (2900 PSI)
2	60/350 bar (850/3500 PSI)	120 bar/turn (1700 PSI/turn)	350 bar (5000 PSI)