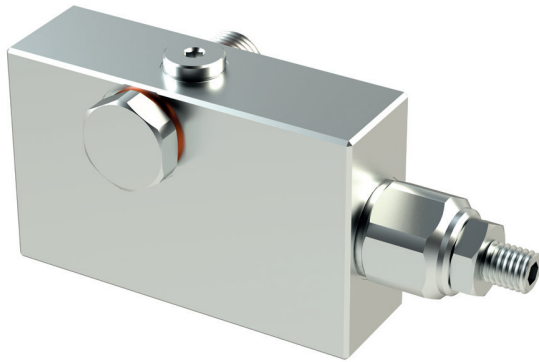
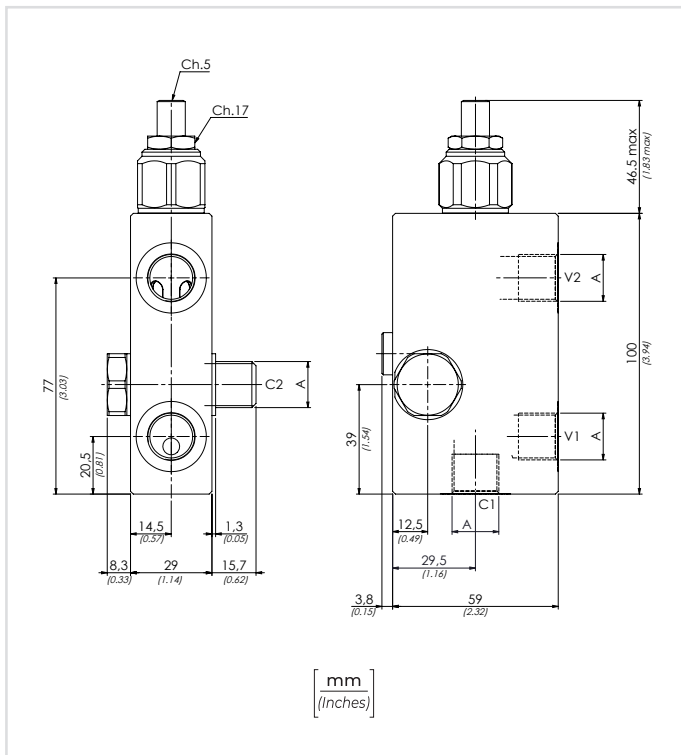
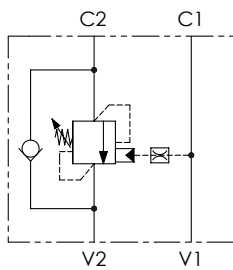


**VBCB** VALVOLE DI BILANCIAMENTO SINGOLE A BULLONE PER CENTRO APERTO  
BOLT-FITTING SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



DATI TECNICI / TECHNICAL DATA

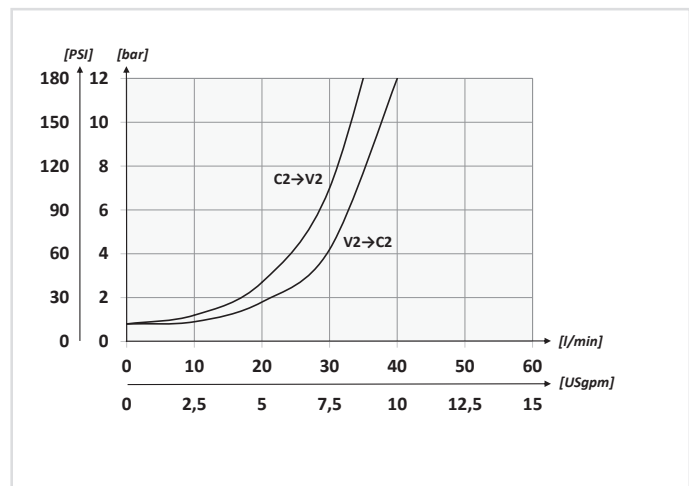
Oil idraulico - Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio - Oil viscosity	15-250 mm <sup>2</sup> /s (15 to 250 cSt)
Classe di contaminazione max Max contamination index	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio - Oil temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente - Environment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

<b>CODICE ORDINAZIONE</b> ORDERING CODE	01	02	03	04	05
<b>VBCB 380</b>					

<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE A BULLONE PER CENTRO APERTO (BOLT-FITTING SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER)				<b>VBCB</b>
<b>02</b>	DIMENSIONE (SIZE)	BSPP 3/8			<b>380</b>
<b>03</b>	MOLLA (SPRING) <b>30/210 bar</b> (435/3045 PSI)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting)	<b>1</b>
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)	<b>Q=5 l/min 200 bar</b> (2900 PSI)	
<b>03</b>	MOLLA (SPRING) <b>60/350 bar</b> (870/5075 PSI)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting)	<b>2</b>
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)	<b>Q=5 l/min 350 bar</b> (5075 PSI)	
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel + zinc-plating)			<b>S</b>
		Acciaio + zinco-nichel (Steel + zinc-nickel)			<b>K</b>
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)	1:4.25 Standard			<b>/</b>
		1:8.75			<b>8</b>

Opzione: Tappo piombatura - Optional: Tamper proof cap **81300095**

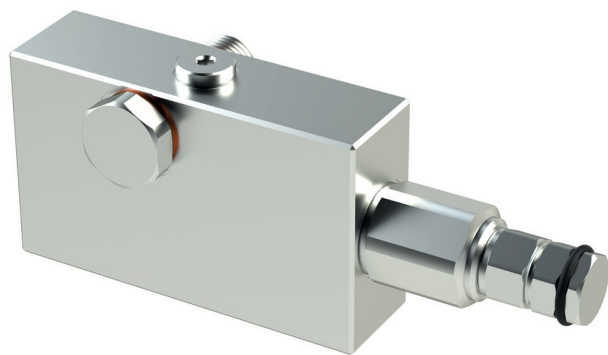
PERFORMANCES



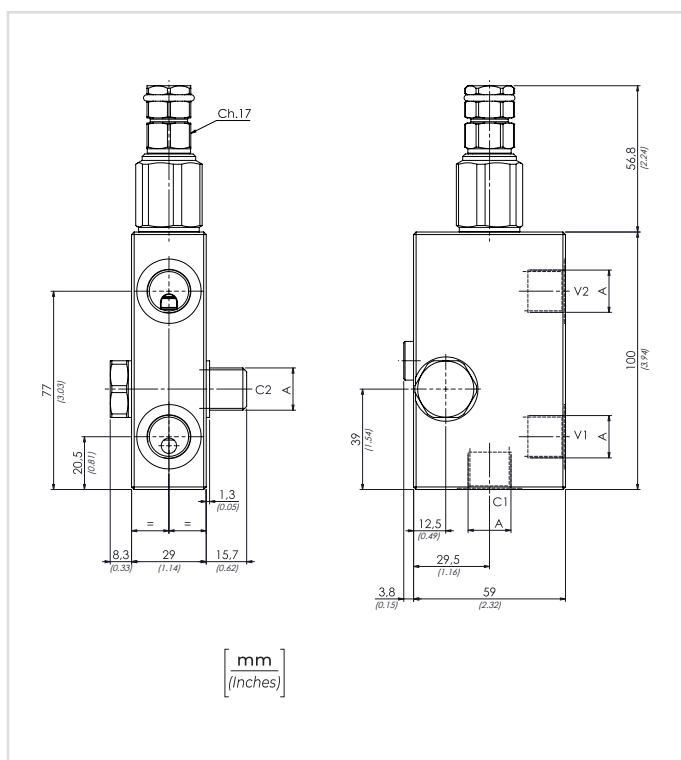
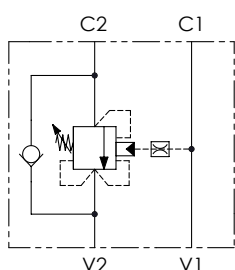
CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX MAX PRESSURE bar-PSI	PESO APPROX APPROX WEIGHT kg-lbt
<b>VBCB380</b>	<b>BSPP 3/8</b>	<b>40 (10.6)</b>	<b>350 (5075)</b>	<b>1,24 (2.73)</b>

**VCCB** VALVOLE DI BILANCIAMENTO SINGOLE A BULLONE PER CENTRO CHIUSO  
BOLT-FITTING SINGLE COUNTERBALANCE VALVES FOR CLOSED CENTER



**SCHEMA IDRAULICO / HYDRAULIC CIRCUIT**

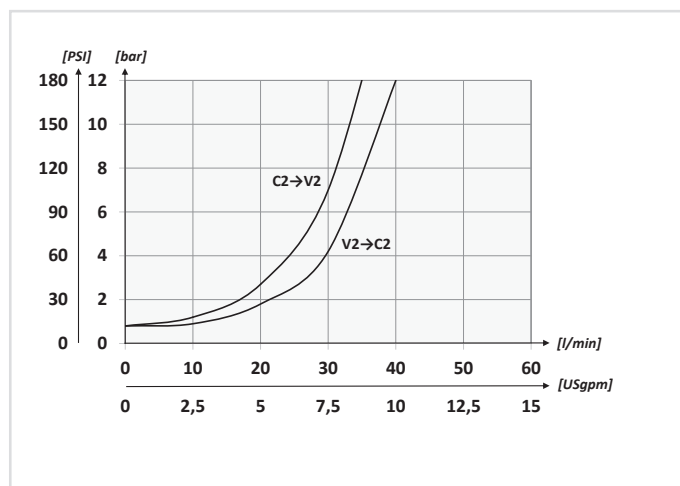


**DATI TECNICI / TECHNICAL DATA**

Oilio idraulico - Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio - Oil viscosity	15-250 mm <sup>2</sup> /s (15 to 250 cSt)
Classe di contaminazione max Max contamination index	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio - Oil temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente - Environment 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
<b>CODICE ORDINAZIONE</b> ORDERING CODE	<b>VCCB</b>	<b>380</b>		<b>S</b>	
<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE A BULLONE PER CENTRO CHIUSO (BOLT-FITTING SINGLE COUNTERBALANCE VALVES FOR CLOSED CENTER)				<b>VCCB</b>
<b>02</b>	DIMENSIONE (SIZE)	BSPP 3/8			<b>380</b>
	MOLLA (SPRING)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting)	<b>1</b>
	<b>30/210 bar</b> (435/3045 PSI)	Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)	<b>Q=5 l/min 200 bar</b> (2900 PSI)	
<b>03</b>	MOLLA (SPRING)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting)	<b>2</b>
	<b>60/350 bar</b> (870/5075 PSI)	Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)	<b>Q=5 l/min 350 bar</b> (5075 PSI)	
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel + zinc-plating)			<b>S</b>
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)	1:4.25 Standard			<b>/</b>
		1:8.75			

**PERFORMANCES**



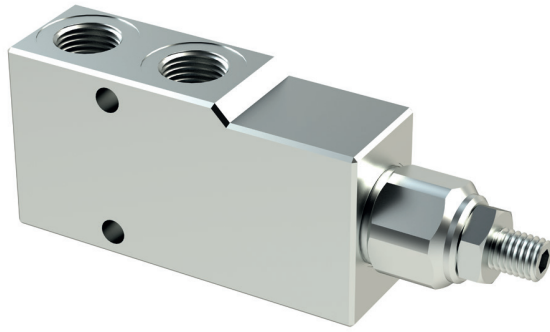
**CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS**

TIPO TYPE	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX MAX PRESSURE bar-PSI	PESO APPROX APPROX WEIGHT kg-lbt
<b>VCCB380</b>	<b>BSPP 3/8</b>	<b>40</b> (10.6)	<b>350</b> (5075)	<b>1,24</b> (2.73)

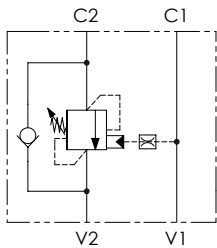
I dati presenti nel catalogo possono essere soggetti a variazioni, pertanto OLEOWEB si riserva il diritto di apporre modifiche in qualunque momento e senza alcun preavviso. OLEOWEB reserves the right to modify the products at any time and without notice: the technical data of the catalogue can consequently change.

Aggiornamento - Update  
21R-2021

**VBCL** VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO  
SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



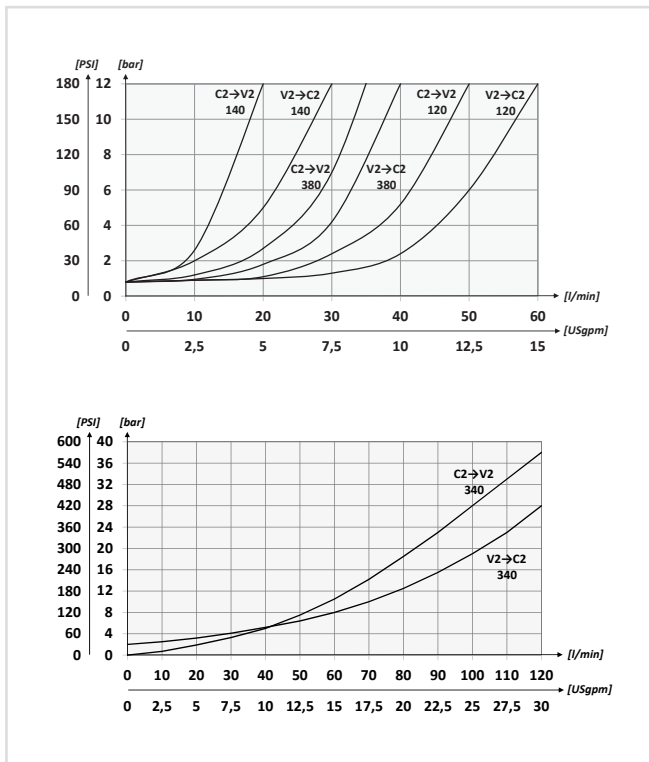
**CODICE ORDINAZIONE**  
ORDERING CODE

	01	02	03	04	05
<b>VBCL</b>					

<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO (SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER)				<b>VBCL</b>		
<b>02</b>	DIMENSIONE (SIZE)	BSPP 1/4			<b>140</b>		
		BSPP 3/8			<b>380</b>		
		BSPP 1/2			<b>120</b>		
		BSPP 3/4			<b>340</b>		
<b>03</b>	MOLLA (SPRING) <b>30/210 bar</b> (435/3045 PSI)	Rp 1:4.25	140	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 200 bar</b> (2900 PSI)	<b>1</b>	
		Rp 1:8.75	120	<b>160 bar/al giro</b> (2320 PSI/turn)			
	MOLLA (SPRING) <b>60/350 bar</b> (870/5075 PSI)	Rp 1:4.25	140	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 350 bar</b> (5075 PSI)		<b>2</b>
		Rp 1:8.75	120	<b>160 bar/al giro</b> (2320 PSI/turn)			
	MOLLA (SPRING) <b>60/350 bar</b> (870/5075 PSI)	Rp 1:6.2	340	<b>143 bar/al giro</b> (2074 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 350 bar</b> (5075 PSI)		
		Rp 1:10.6		<b>242bar/al giro</b> (3509 PSI/turn)			
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel body + zinc-plating)			<b>S</b>		
		Acciaio + zinco-nichel (Steel body + zinc-nickel)			<b>K</b>		
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)	140	1:4.25 Standard		<b>/</b>		
		380	1:8.75		<b>8</b>		
		120	1:6.2		<b>/</b>		
		340	1:10.6		<b>11</b>		

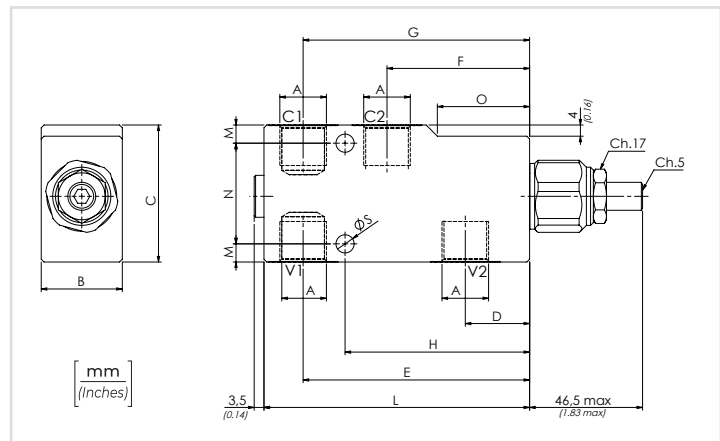
Opzione: Tappo piombatura - Optional: Tamper proof cap **81300095**

**PERFORMANCES**



**DATI TECNICI / TECHNICAL DATA**

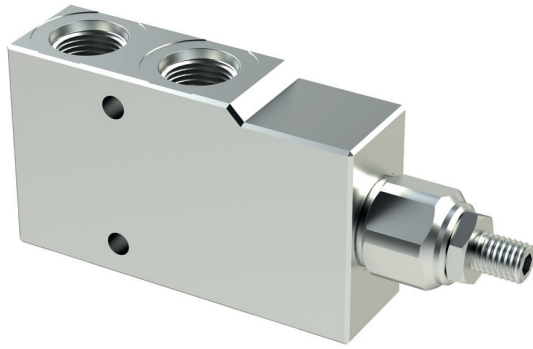
<b>Olio idraulico</b> - Mineral oil	<b>ISO 6743/4</b> (DIN 51524)
<b>Viscosità olio</b> - Oil viscosity	<b>15-250 mm²/s</b> (15 to 250 cSt)
<b>Classe di contaminazione max</b> Max contamination index	<b>ISO 4406:1999 Classe 19/17/14</b>
<b>Temperatura dell'olio</b> - Oil temperature	<b>-20°C +80°C</b> -4°F +176°F
<b>Temperatura ambiente</b> - Environment temperature	<b>-20°C +50°C</b> -4°F +122°F
<b>È indispensabile l'utilizzo di un filtro per proteggere la valvola (filtrazione consigliata 15 µm)</b> It is necessary a filter use to protect the valve (advised filtration 15 µm)	



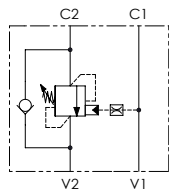
**CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS**

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	O	S	PESO APPROX (kg) APPROX WEIGHT (lb)
VBCL140	BSPP 1/4	30 (7.9)	350 (5075)	29 (1.14)	49 (1.93)	23 (0.91)	81 (3.19)	51 (2.01)	81 (3.19)	66 (2.60)	95 (3.74)	6,5 (0.26)	36 (1.42)	33 (1.30)	6,5 (0.26)	0,98 (2.16)
VBCL380	BSPP 3/8	40 (10.6)			59 (2.32)	21 (0.83)	84 (3.30)		84 (3.31)	67,5 (2.66)	100 (3.94)	9,5 (0.37)	40 (1.57)			0,92 (2.02)
VBCL120	BSPP 1/2	60 (15.9)			39 (1.54)	69 (2.72)	20 (0.79)		120 (4.72)	72 (2.83)	120 (4.72)	96 (3.78)	140 (5.51)			1,09 (2.40)
VBCL340	BSPP 3/4	120 (31.7)			39 (1.54)	69 (2.72)	20 (0.79)		120 (4.72)	72 (2.83)	120 (4.72)	96 (3.78)	140 (5.51)			2,54 (5.59)

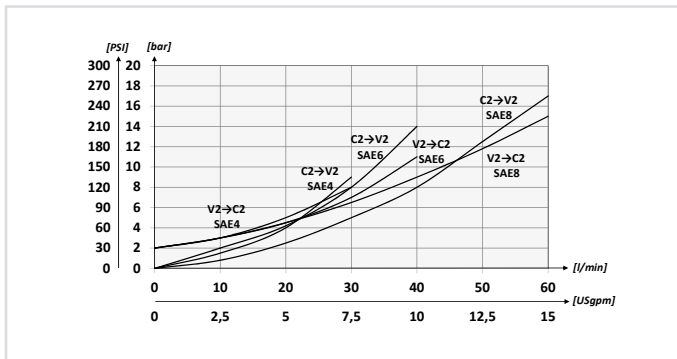
# VBCL-SAE VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



PERFORMANCES

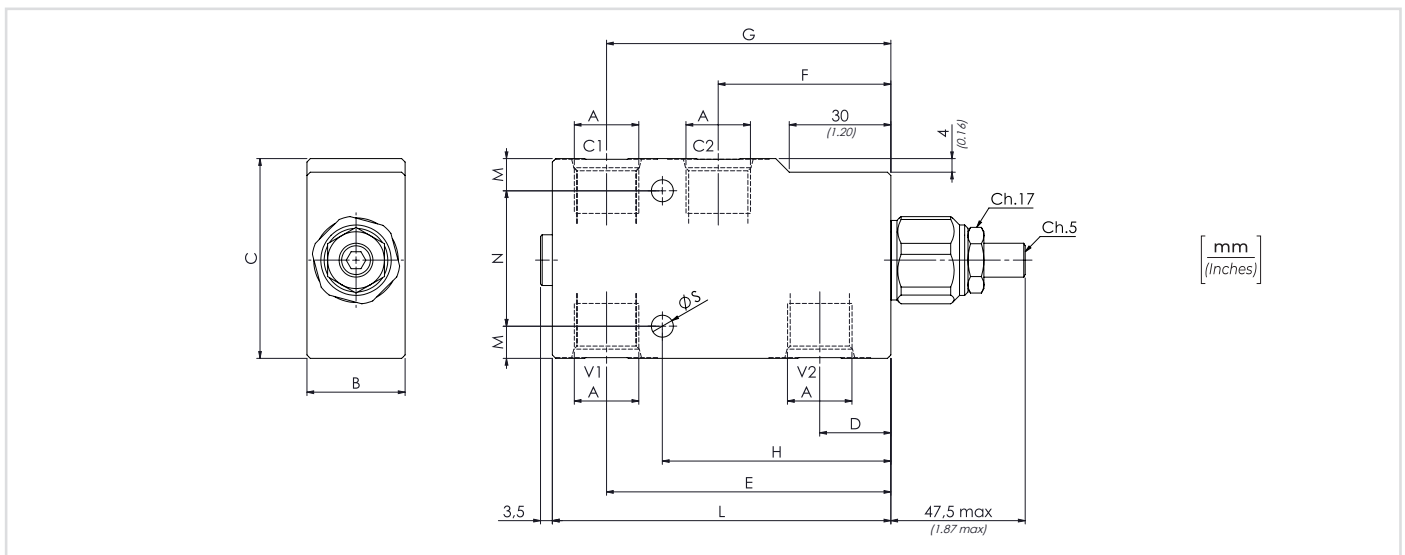


		01	02	03	04	05	
<b>CODICE ORDINAZIONE</b>		<b>VBCL</b>					
<b>ORDERING CODE</b>							
<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER					<b>VBCL</b>	
<b>02</b>	DIMENSIONE (SIZE)	7/16-20UNF				<b>4</b>	
		9/16-18UNF				<b>6</b>	
		3/4-16UNF				<b>8</b>	
<b>03</b>	MOLLA (SPRING) <b>30/210 bar</b> (435/3045 PSI)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting)	<b>1</b>		
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)			<b>Q=5 l/min 200 bar</b> (2900 PSI)	
	MOLLA (SPRING) <b>60/350 bar</b> (870/5075 PSI)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting)		<b>2</b>	
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)				<b>Q=5 l/min 350 bar</b> (5075 PSI)
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel + zinc-plating)					<b>S</b>
		Acciaio + zinco-nichel (Steel + zinc-nickel)					<b>K</b>
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)	1:4.25 Standard			<b>/</b>		
		1:8.75			<b>8</b>		

Opzione: Tappo piombatura - Optional: Tamper proof cap **81300095**

DATI TECNICI / TECHNICAL DATA

<b>Olio idraulico</b> - Mineral oil	<b>ISO 6743/4</b> (DIN 51524)
<b>Viscosità olio</b> - Oil viscosity	<b>15-250 mm²/s</b> (15 to 250 cSt)
<b>Classe di contaminazione max</b> Max contamination index	<b>ISO 4406:1999 Classe 19/17/14</b>
<b>Temperatura dell'olio</b> - Oil temperature	<b>-20°C +80°C</b> -4°F +176°F
<b>Temperatura ambiente</b> - Environment temperature	<b>-20°C +50°C</b> -4°F +122°F
<b>È indispensabile l'utilizzo di un filtro per proteggere la valvola (filtrazione consigliata 15 µm)</b> It is necessary a filter use to protect the valve (advised filtration 15 µm)	



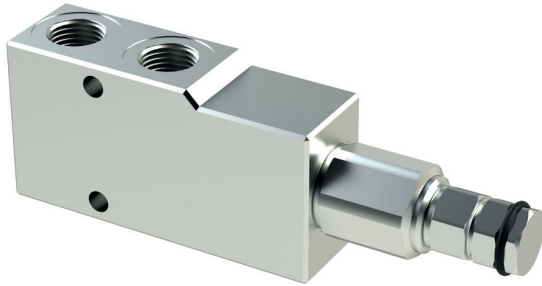
CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

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	O	S	PESO APPROX APPROXWEIGHT kg-lbt
VBCL4	7/16-20UNF	30 (7.9)	350 (5075)	29 (1.14)	49 (1.93)	23 (0.91)	81 (3.19)	51 (2.01)	81 (3.19)	66 (2.60)	95 (3.74)	6,5 (0.26)	36 (1.42)	33 (1.30)	6,5 (0.26)	1 (2.20)
VBCL6	9/16-18UNF	40 (10.6)			59 (2.32)	21 (0.83)	84 (3.31)		84 (3.31)	67,5 (2.66)	100 (3.94)	9,5 (0.37)	40 (1.57)			0,97 (2.14)
VBCL8	3/4-16UNF	60 (15.9)			59 (2.32)	21 (0.83)	84 (3.31)		84 (3.31)	67,5 (2.66)	100 (3.94)	9,5 (0.37)	40 (1.57)			1,16 (2.56)

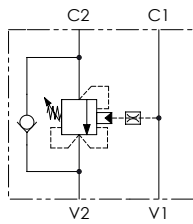
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Aggiornamento - Update  
21R-2021

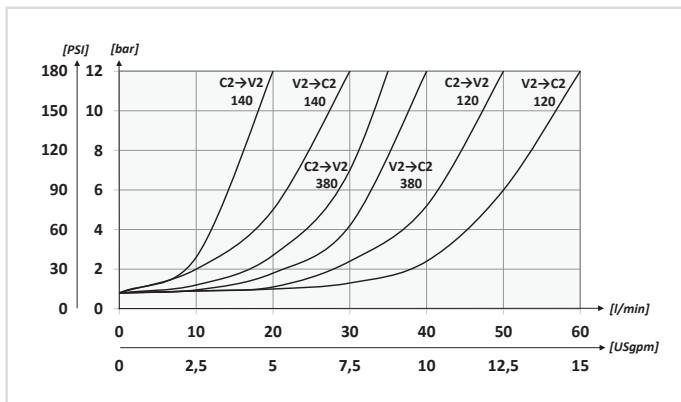
**VCCL** VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO CHIUSO  
SINGLE COUNTERBALANCE VALVES FOR CLOSED CENTER



**SCHEMA IDRAULICO / HYDRAULIC CIRCUIT**



**PERFORMANCES**



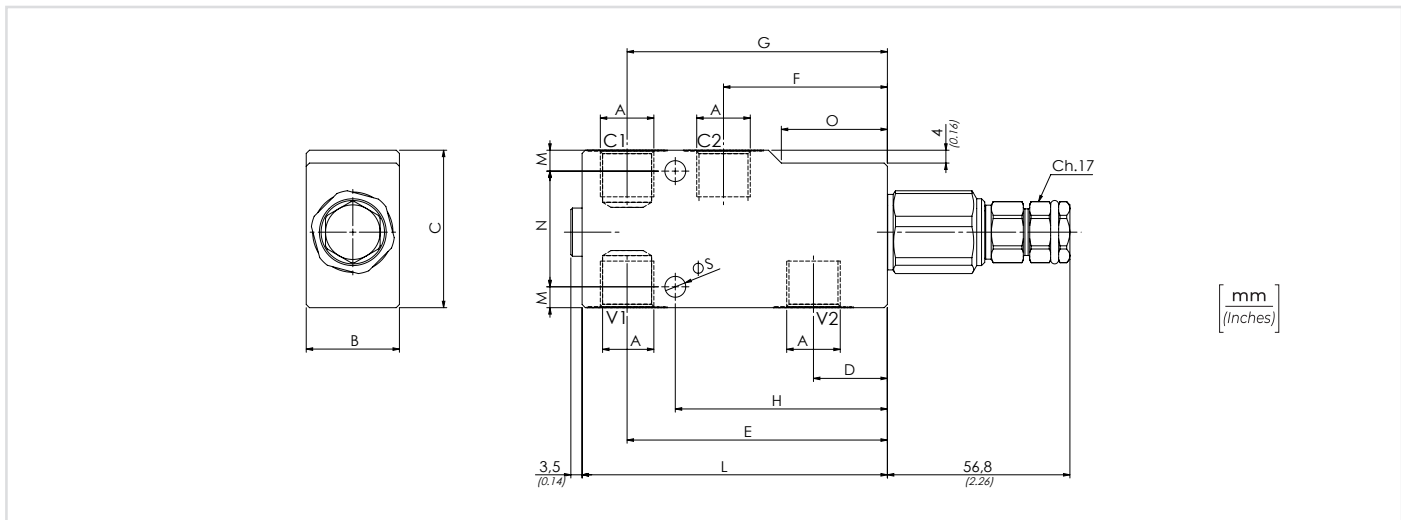
**CODICE ORDINAZIONE / ORDERING CODE**

01	02	03	04	05
<b>VCCL</b>			<b>S</b>	

<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO CHIUSO (SINGLE COUNTERBALANCE VALVES FOR CLOSED CENTER)			<b>VCCL</b>		
<b>02</b>	DIMENSIONE (SIZE)	BSPP 1/4		<b>140</b>		
		BSPP 3/8		<b>380</b>		
		BSPP 1/2		<b>120</b>		
<b>03</b>	MOLLA (SPRING)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 200 bar</b> (2900 PSI)	<b>1</b>	
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)			
	MOLLA (SPRING)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 350 bar</b> (5075 PSI)		<b>2</b>
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)			
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel + zinc-plating)		<b>S</b>		
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)	1:4.25 Standard		<b>/</b>		
		1:8.75		<b>8</b>		

**DATI TECNICI / TECHNICAL DATA**

<b>Olio idraulico - Mineral oil</b>	<b>ISO 6743/4 (DIN 51524)</b>
<b>Viscosità olio - Oil viscosity</b>	<b>15-250 mm<sup>2</sup>/s (15 to 250 cSt)</b>
<b>Classe di contaminazione max / Max contamination index</b>	<b>ISO 4406:1999 Classe 19/17/14</b>
<b>Temperatura dell'olio - Oil temperature</b>	<b>-20°C +80°C -4°F +176°F</b>
<b>Temperatura ambiente - Environment temperature</b>	<b>-20°C +50°C -4°F +122°F</b>
<b>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)</b>	

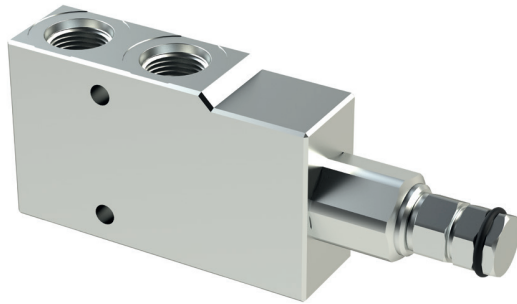


**CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS**

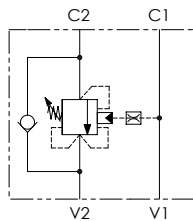
TIPO / TYPE	A	PORTATA MAX / MAX FLOW / l/min-USgpm	PRESSIONE MAX / MAX PRESSURE / bar-PSI	B	C	D	E	F	G	H	L	M	N	O	S	PESO APPROX / APPROX WEIGHT / kg-lbt
<b>VCCL140</b>	<b>BSPP 1/4</b>	<b>30 (7.9)</b>	<b>350 (5075)</b>	<b>29 (1.14)</b>	<b>49 (1.93)</b>	<b>23 (0.91)</b>	<b>81 (3.19)</b>	<b>51 (2.01)</b>	<b>81 (3.19)</b>	<b>66 (2.60)</b>	<b>95 (3.74)</b>	<b>6,5 (0.26)</b>	<b>36 (1.42)</b>	<b>33 (1.30)</b>	<b>6,5 (0.26)</b>	<b>1,02 (2.24)</b>
<b>VCCL380</b>	<b>BSPP 3/8</b>	<b>40 (10.6)</b>			<b>59 (2.32)</b>	<b>21 (0.83)</b>	<b>84 (3.30)</b>		<b>84 (3.31)</b>	<b>67,5 (2.66)</b>	<b>100 (3.94)</b>	<b>9,5 (0.37)</b>	<b>40 (1.57)</b>			<b>0,98 (2.16)</b>
<b>VCCL120</b>	<b>BSPP 1/2</b>	<b>60 (15.9)</b>			<b>84 (3.30)</b>	<b>21 (0.83)</b>	<b>84 (3.30)</b>		<b>84 (3.31)</b>	<b>67,5 (2.66)</b>	<b>100 (3.94)</b>	<b>9,5 (0.37)</b>	<b>40 (1.57)</b>			<b>1,15 (2.53)</b>

# VCCL-SAE

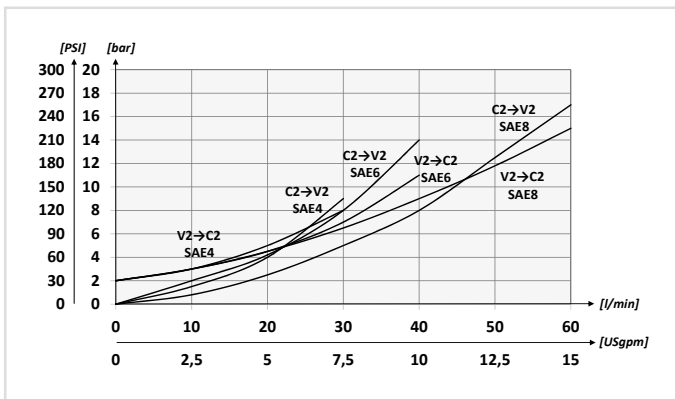
VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO CHIUSO  
SINGLE COUNTERBALANCE VALVES FOR CLOSED CENTER



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



PERFORMANCES



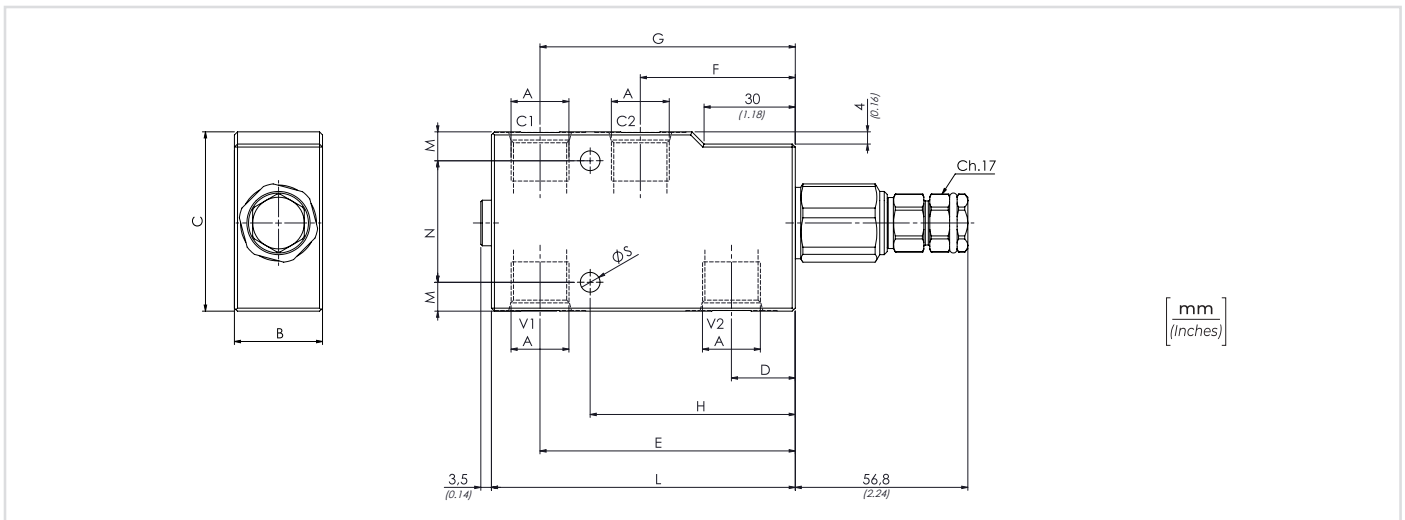
CODICE ORDINAZIONE  
ORDERING CODE

01	02	03	04	05
<b>VCCL</b>			<b>S</b>	

<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO CHIUSO (SINGLE COUNTERBALANCE VALVES FOR CLOSED CENTER)			<b>VCCL</b>	
<b>02</b>	DIMENSIONE (SIZE)	7/16-20UNF		<b>4</b>	
		9/16-18UNF		<b>6</b>	
		3/4-16UNF		<b>8</b>	
<b>03</b>	MOLLA (SPRING)  30/210 bar (435/3045 PSI)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting)  <b>Q=5 l/min 200 bar</b> (2900 PSI)	<b>1</b>
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)		
<b>03</b>	MOLLA (SPRING)  60/350 bar (870/5075 PSI)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting)  <b>Q=5 l/min 350 bar</b> (5075 PSI)	<b>2</b>
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)		
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel + zinc-plating)		<b>S</b>	
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)	1:4.25 Standard		<b>/</b>	
		1:8.75		<b>8</b>	

DATI TECNICI / TECHNICAL DATA

Olio idraulico - Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio - Oil viscosity	15-250 mm <sup>2</sup> /s (15 to 250 cSt)
Classe di contaminazione max Max contamination index	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio - Oil temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente - Environment 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	O	S	PESO APPROX APPROX WEIGHT kg-lbt
VCCL4	7/16-20UNF	30 (7.9)	350 (5075)	29 (1.14)	49 (1.93)	23 (0.91)	81 (3.19)	51 (2.01)	81 (3.19)	66 (2.60)	95 (3.74)	6,5 (0.26)	36 (1.42)	33 (1.30)	6,5 (0.26)	1,02 (2.24)
VCCL6	9/16-18UNF	40 (10.6)			59 (2.32)	21 (0.83)	84 (3.30)		84 (3.31)	67,5 (2.66)	100 (3.94)	9,5 (0.37)	40 (1.57)			0,98 (2.16)
VCCL8	3/4-16UNF	60 (15.9)														1,15 (2.53)

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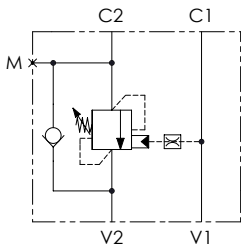
Aggiornamento - Update  
21R-2021



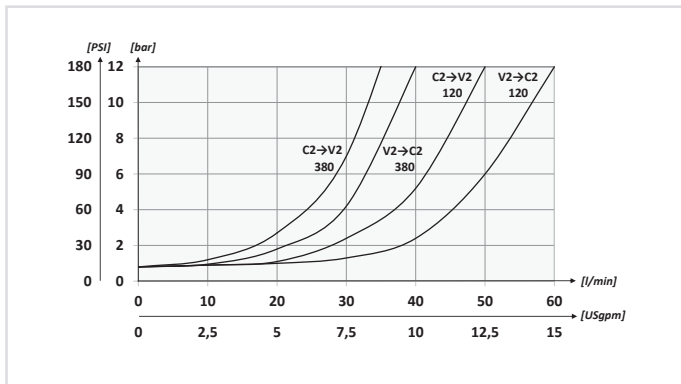
**VBLP** VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO  
SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER



**SCHEMA IDRAULICO / HYDRAULIC CIRCUIT**



**PERFORMANCES**



**CODICE ORDINAZIONE / ORDERING CODE**

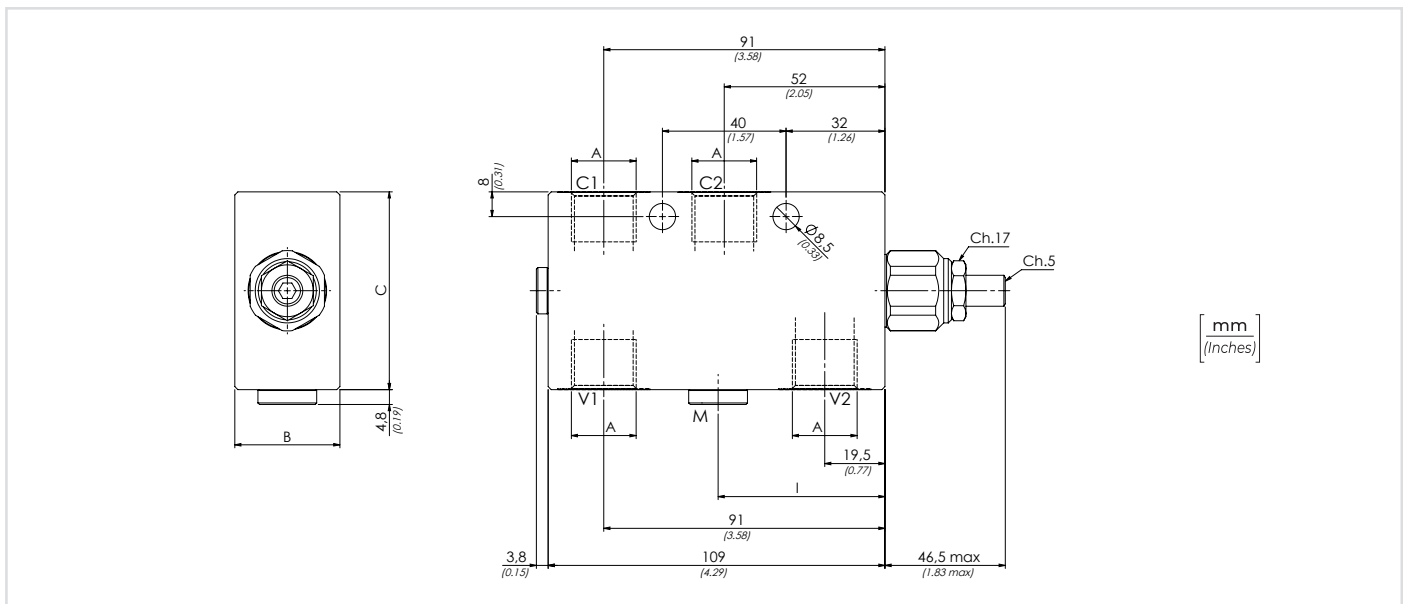
01	02	03	04	05
<b>VBLP</b>				

<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO (SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER)			<b>VBLP</b>	
<b>02</b>	DIMENSIONE (SIZE)	BSPP 3/8		<b>380</b>	
		BSPP 1/2		<b>120</b>	
<b>03</b>	MOLLA 30/210 BAR (SPRING 435/3045 PSI)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 200 bar</b> (2900 PSI)	<b>1</b>
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)		
	MOLLA 60/350 BAR (SPRING 870/5075 PSI)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 350 bar</b> (5075 PSI)	<b>2</b>
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)		
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel + zinc-plating)		<b>S</b>	
		Acciaio + zinco-nichel (Steel + zinc-nickel)		<b>K</b>	
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)	1:4.25 Standard		<b>/</b>	
		1:8.75		<b>8</b>	

Opzione: Tappo piombatura - Optional: Tamper proof cap **81300095**

**DATI TECNICI / TECHNICAL DATA**

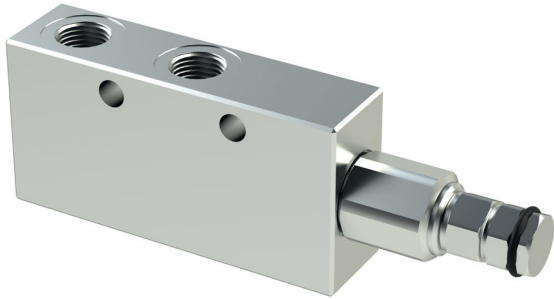
<b>Olio idraulico</b> - Mineral oil	<b>ISO 6743/4</b> (DIN 51524)
<b>Viscosità olio</b> - Oil viscosity	<b>15-250 mm²/s</b> (15 to 250 cSt)
<b>Classe di contaminazione max</b> Max contamination index	<b>ISO 4406:1999 Classe 19/17/14</b>
<b>Temperatura dell'olio</b> - Oil temperature	<b>-20°C +80°C</b> -4°F +176°F
<b>Temperatura ambiente</b> - Environment temperature	<b>-20°C +50°C</b> -4°F +122°F
<b>È indispensabile l'utilizzo di un filtro per proteggere la valvola (filtrazione consigliata 15 µm)</b> It is necessary a filter use to protect the valve (advised filtration 15 µm)	



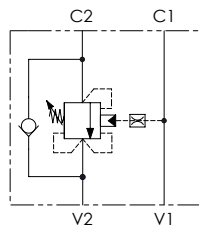
**CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS**

TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	C	I	M	PESO APPROX (kg) APPROX WEIGHT (lbt)
<b>VBLP380</b>	<b>BSPP 3/8</b>	<b>40</b> (10.6)	<b>350</b> (5075)	<b>29</b> (1.14)	<b>54</b> (2.13)	<b>/</b>	<b>/</b>	<b>1,21</b> (2.63)
<b>VBLP120</b>	<b>BSPP 1/2</b>	<b>60</b> (15.9)		<b>34</b> (1.34)	<b>64</b> (2.52)	<b>54</b> (2.13)	<b>BSPP 1/4</b>	<b>1,59</b> (3.46)

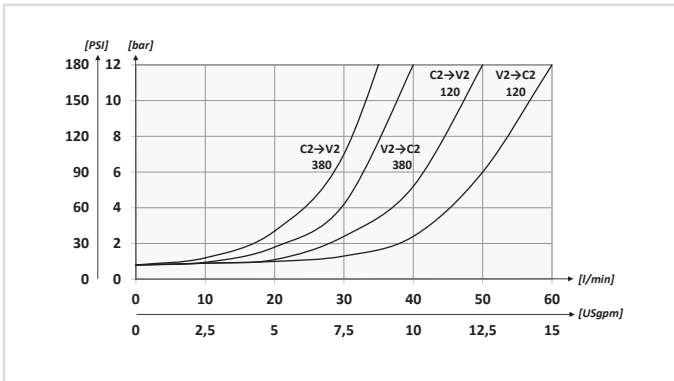
**VCLP** VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO CHIUSO  
SINGLE COUNTERBALANCE VALVES FOR CLSOED CENTER



**SCHEMA IDRAULICO / HYDRAULIC CIRCUIT**



**PERFORMANCES**



**CODICE ORDINAZIONE / ORDERING CODE**

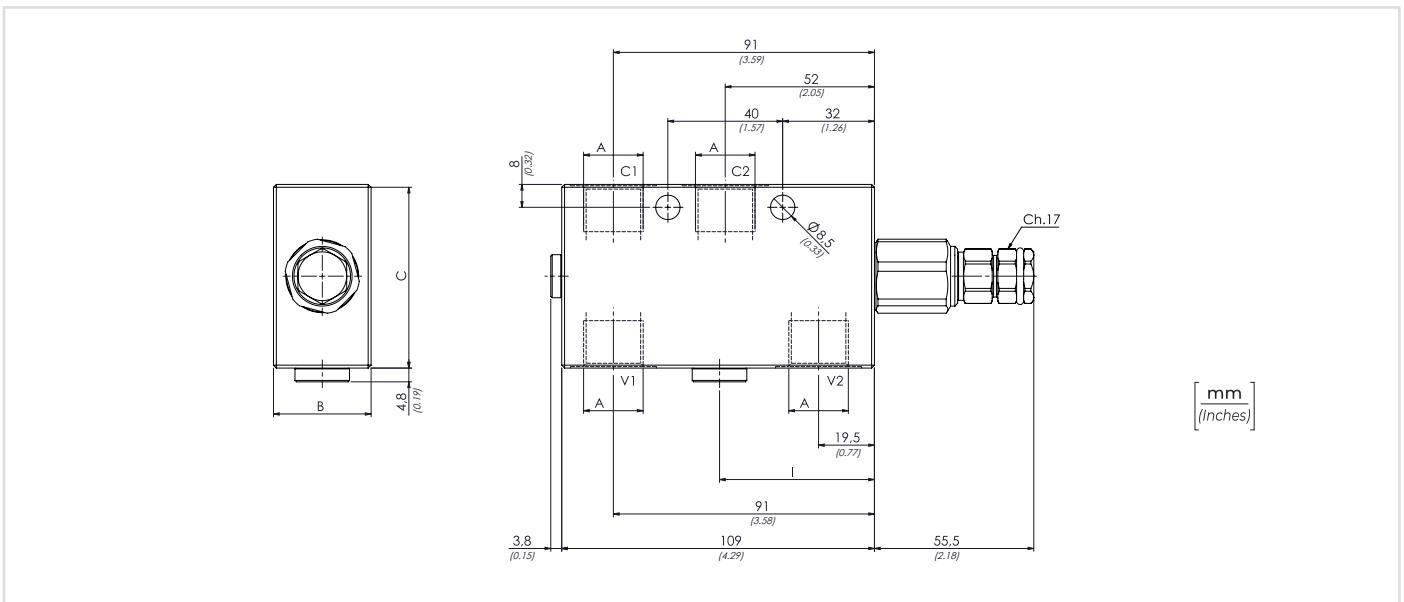
01	02	03	04	05
<b>VCLP</b>			<b>S</b>	

<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO CHIUSO (SINGLE COUNTERBALANCE VALVES FOR CLSOED CENTER)			<b>VCLP</b>	
<b>02</b>	DIMENSIONE (SIZE)	BSPP 3/8		<b>380</b>	
		BSPP 1/2		<b>120</b>	
<b>03</b>	<b>MOLLA 30/210 BAR</b> (SPRING 435/3045 PSI)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 200 bar</b> (2900 PSI)	<b>1</b>
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)		
<b>03</b>	<b>MOLLA 60/350 BAR</b> (SPRING 870/5075 PSI)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 350 bar</b> (5075 PSI)	<b>2</b>
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)		
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel + zinc-plating)		<b>S</b>	
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)	1:4.25 Standard		<b>/</b>	
		1:8.75		<b>8</b>	

**DATI TECNICI / TECHNICAL DATA**

<b>Olio idraulico - Mineral oil</b>	<b>ISO 6743/4 (DIN 51524)</b>
<b>Viscosità olio - Oil viscosity</b>	<b>15-250 mm<sup>2</sup>/s (15 to 250 cSt)</b>
<b>Classe di contaminazione max Max contamination index</b>	<b>ISO 4406:1999 Classe 19/17/14</b>
<b>Temperatura dell'olio - Oil temperature</b>	<b>-20°C +80°C -4°F +176°F</b>
<b>Temperatura ambiente - Environment temperature</b>	<b>-20°C +50°C -4°F +122°F</b>

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**

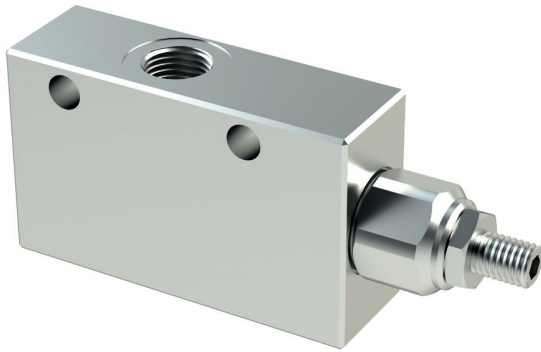
TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	C	I	M	PESO APPROX (kg) APPROX WEIGHT (lbt)
<b>VCLP380</b>	<b>BSPP 3/8</b>	<b>40 (10.6)</b>	<b>350 (5075)</b>	<b>29 (1.14)</b>	<b>54 (2.13)</b>	<b>/</b>	<b>/</b>	<b>1,21 (2.63)</b>
<b>VCLP120</b>	<b>BSPP 1/2</b>	<b>60 (15.9)</b>		<b>34 (1.34)</b>	<b>64 (2.52)</b>	<b>54 (2.13)</b>	<b>BSPP 1/4</b>	<b>1,59 (3.46)</b>

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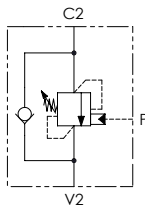
Aggiornamento - Update 21R-2021



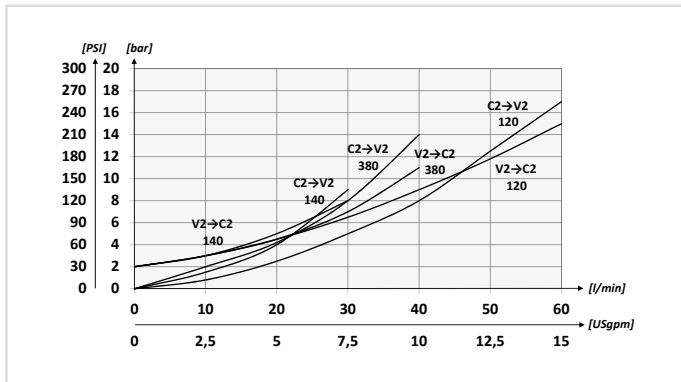
**VBCR** VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO - PILOTAGGIO ESTERNO  
SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER - EXTERNAL PILOT



**SCHEMA IDRAULICO / HYDRAULIC CIRCUIT**



**PERFORMANCES**



**CODICE ORDINAZIONE / ORDERING CODE**

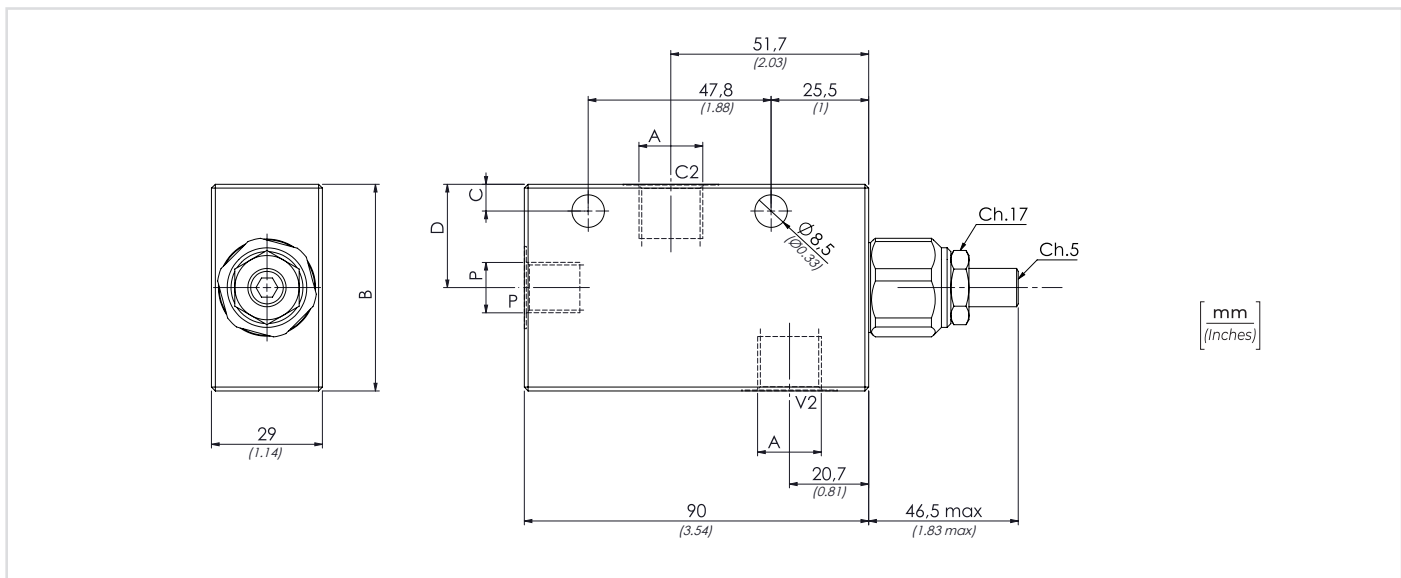
01	02	03	04	05
<b>VBCR</b>				

<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO - PILOTAGGIO ESTERNO SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER - EXTERNAL PILOT			<b>VBCR</b>		
<b>02</b>	DIMENSIONE (SIZE)		BSPP 1/4	<b>140</b>		
			BSPP 3/8	<b>380</b>		
			BSPP 1/2	<b>120</b>		
<b>03</b>	MOLLA 30/210 BAR (SPRING 435/3045 PSI)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 200 bar</b> (2900 PSI)	<b>1</b>	
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)			
	MOLLA 60/350 BAR (SPRING 870/5075 PSI)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 350 bar</b> (5075 PSI)		<b>2</b>
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)			
<b>04</b>	MATERIALE (MATERIAL)		Acciaio + zincatura (Steel body + zinc-plating)	<b>S</b>		
			Acciaio + zinco-nichel (Steel body + zinc-nickel)	<b>K</b>		
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)		1:4.25 Standard	<b>/</b>		
			1:8.75	<b>8</b>		

Opzione: Tappo piombatura - Optional: Tamper proof cap **81300095**

**DATI TECNICI / TECHNICAL DATA**

olio idraulico - Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio - Oil viscosity	15-250 mm <sup>2</sup> /s (15 to 250 cSt)
Classe di contaminazione max Max contamination index	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio - Oil temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente - Environment 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	D	A	P	PESO APPROX (kg) APPROX WEIGHT (lb)
VBCR140	BSPP 1/4	30 (7.9)	350 (5075)	54 (2.13)	7 (0.28)	27 (1.06)	BSPP 1/4	BSPP 1/4	1,06 (2.33)
VBCR380	BSPP 3/8	40 (10.6)		64 (2.52)	11 (0.43)	32 (1.26)	BSPP 3/8		1,21 (2.63)
VBCR120	BSPP 1/2	60 (15.9)		64 (2.52)	11 (0.43)	32 (1.26)	BSPP 1/2		1,59 (3.46)

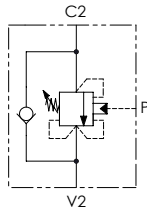
VCCR

VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO CHIUSO - PILOTAGGIO ESTERNO  
SINGLE COUNTERBALANCE VALVES FOR CLOSED CENTER - EXTERNAL PILOT

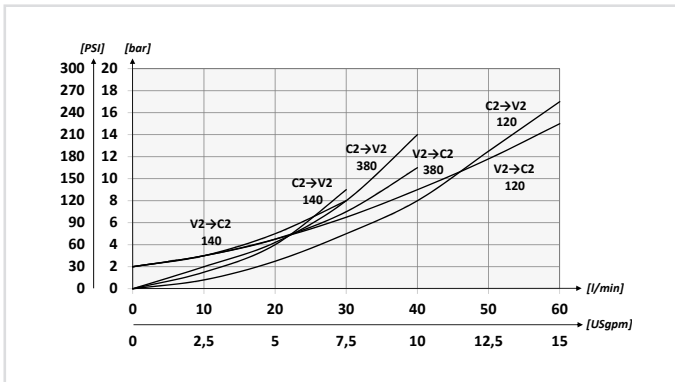
Oleoweb  
VALVES & SOLUTIONS



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



PERFORMANCES



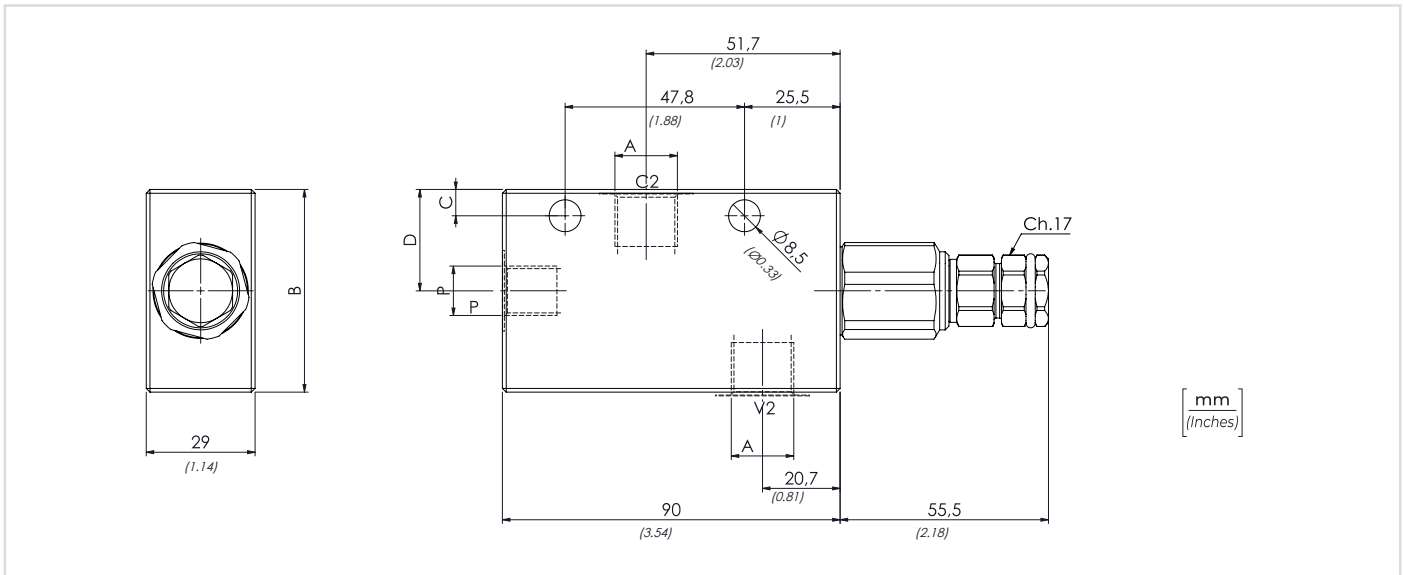
CODICE ORDINAZIONE  
ORDERING CODE

01	02	03	04	05
VCCR			S	

01	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO CHIUSO - PILOTAGGIO ESTERNO SINGLE COUNTERBALANCE VALVES FOR CLOSED CENTER - EXTERNAL PILOT			VCCR	
02	DIMENSIONE (SIZE)	BSPP 1/4		140	
		BSPP 3/8		380	
		BSPP 1/2		120	
03	MOLLA 30/210 BAR (SPRING 435/3045 PSI)	Rp 1:4.25	78 bar/al giro (1131 PSI/turn)	Taratura standard (Std. setting)  Q=5 l/min 200 bar (2900 PSI)	1
		Rp 1:8.75	160 bar/al giro (2320 PSI/turn)		
03	MOLLA 60/350 BAR (SPRING 870/5075 PSI)	Rp 1:4.25	135 bar/al giro (1958 PSI/turn)	Taratura standard (Std. setting)  Q=5 l/min 350 bar (5075 PSI)	2
		Rp 1:8.75	160 bar/al giro (2320 PSI/turn)		
04	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel body + zinc-plating)		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 <sup>2</sup> /s (15 to 250 cSt)
Classe di contaminazione max Max contamination index	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio - Oil temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente - Environment 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

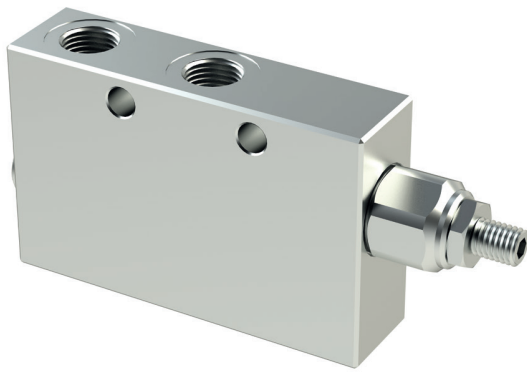
TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	C	D	A	P	PESO APPROX (kg) APPROX WEIGHT (lb)
VCCR140	BSPP 1/4	30 (7.9)	350 (5075)	54 (2.13)	7 (0.28)	27 (1.06)	BSPP 1/4	BSPP 1/4	1,06 (2.33)
VCCR380	BSPP 3/8	40 (10.6)		64 (2.52)	11 (0.43)	32 (1.26)	BSPP 3/8		1,21 (2.63)
VCCR120	BSPP 1/2	60 (15.9)		64 (2.52)	11 (0.43)	32 (1.26)	BSPP 1/2		1,59 (3.46)

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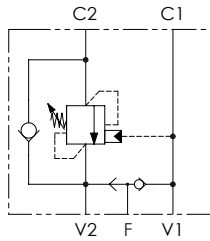
Aggiornamento - Update  
21R-2021

# VBFP

VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO CON SBLOCCA FRENO  
SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER WITH BRAKE UN-LOCKING



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT

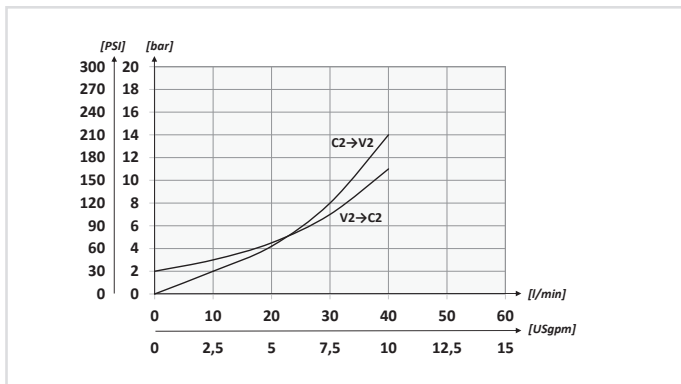


**CODICE ORDINAZIONE**  
ORDERING CODE

01	02	03	04	05
<b>VBFP</b>	<b>380</b>			

<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO CON SBLOCCA FRENO (SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER WITH BRAKE UN-LOCKING)			<b>VBFP</b>
<b>02</b>	DIMENSIONE (SIZE)		BSPP 3/8	<b>380</b>
<b>03</b>	<b>MOLLA 30/210 BAR</b> (SPRING 435/3045 PSI)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting)
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)	<b>Q=5 l/min 200 bar</b> (2900 PSI)
<b>03</b>	<b>MOLLA 60/350 BAR</b> (SPRING 870/5075 PSI)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting)
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)	<b>Q=5 l/min 350 bar</b> (5075 PSI)
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel + zinc-plating)		<b>S</b>
		Acciaio + zinco-nichel (Steel + zinc-nickel)		<b>K</b>
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)		1:4.25 Standard	<b>/</b>

**PERFORMANCES**

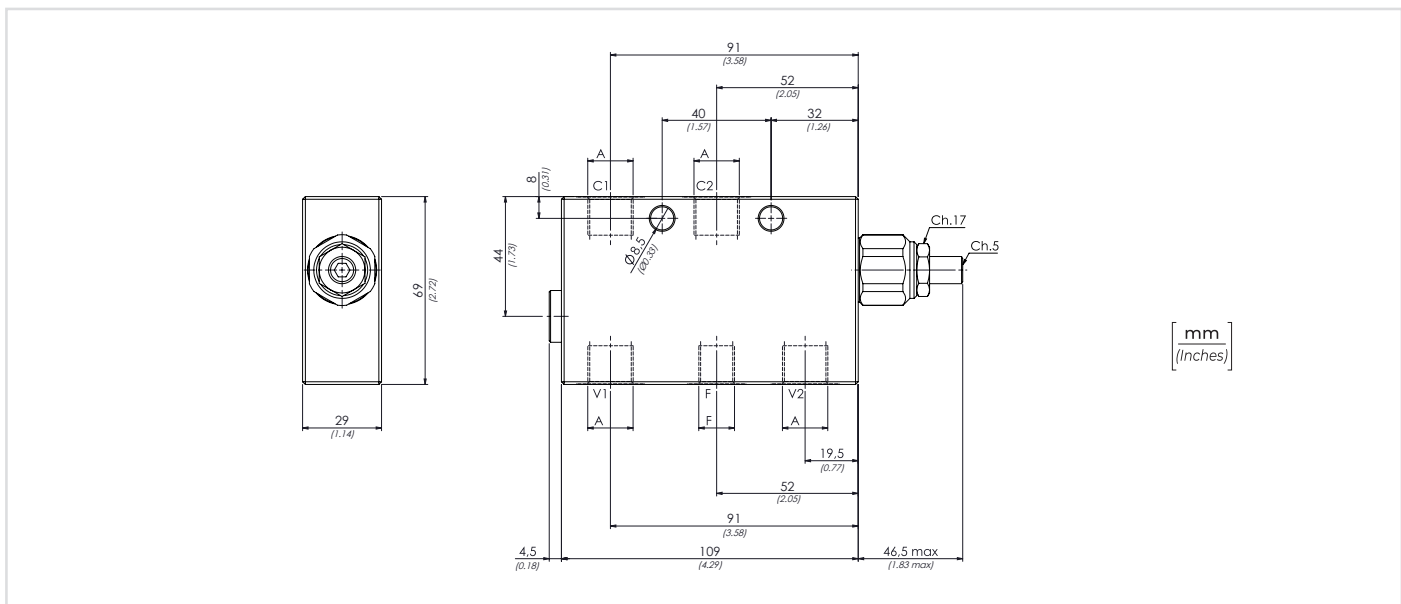


Opzione: Tappo piombatura - Optional: Tamper proof cap **81300095**

**DATI TECNICI / TECHNICAL DATA**

<b>Olio idraulico - Mineral oil</b>	<b>ISO 6743/4 (DIN 51524)</b>
<b>Viscosità olio - Oil viscosity</b>	<b>15-250 mm²/s (15 to 250 cSt)</b>
<b>Classe di contaminazione max - Max contamination index</b>	<b>ISO 4406:1999 Classe 19/17/14</b>
<b>Temperatura dell'olio - Oil temperature</b>	<b>-20°C +80°C -4°F +176°F</b>
<b>Temperatura ambiente - Environment temperature</b>	<b>-20°C +50°C -4°F +122°F</b>

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)

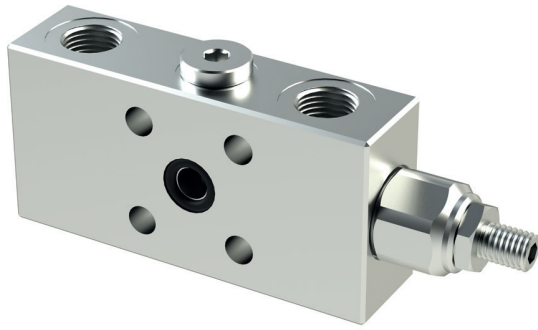


**CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS**

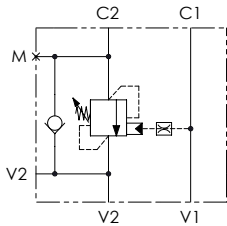
TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	A	F	PESO APPROX (kg) APPROX WEIGHT (lbt)
<b>VBFP380</b>	<b>BSPP 3/8</b>	<b>40 (10.6)</b>	<b>350 (5075)</b>	<b>BSPP 3/8</b>	<b>BSPP 1/4</b>	<b>1,51 (3.33)</b>

# VBLH

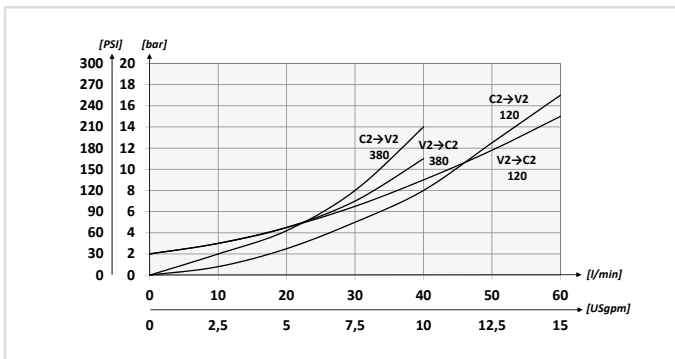
VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO - FLANGIATE SINGOLE  
SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER - SINGLE FLANGED VERSION



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



PERFORMANCES



CODICE ORDINAZIONE  
ORDERING CODE

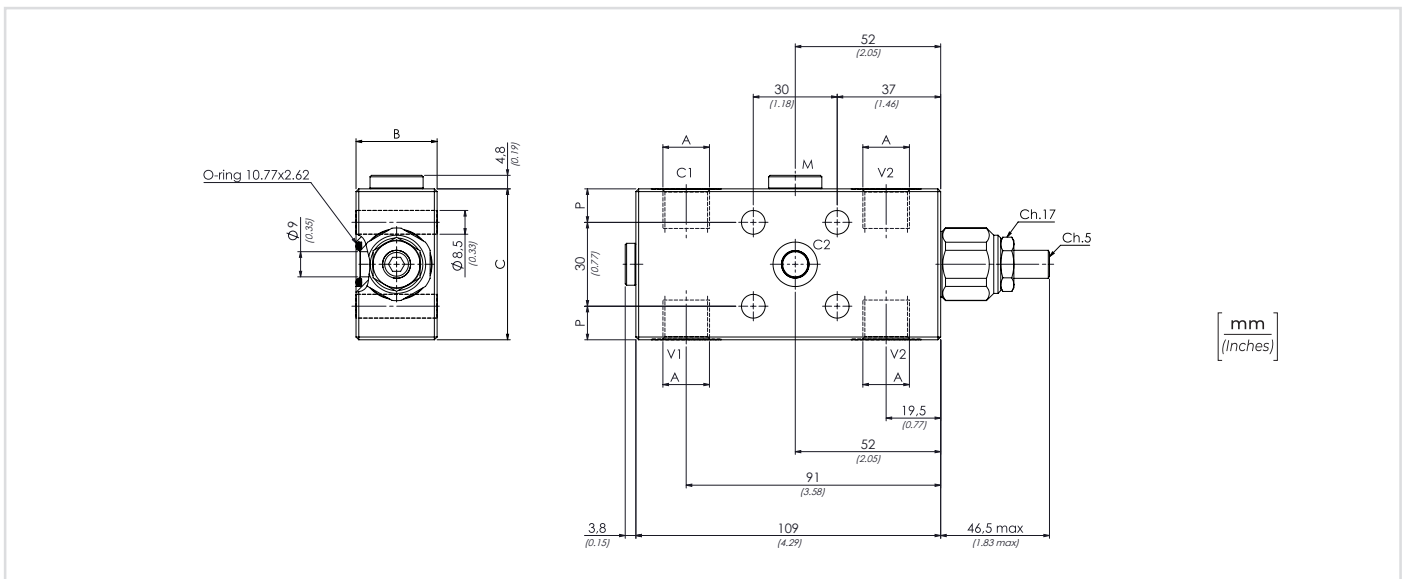
01	02	03	04	05
<b>VBLH</b>				

<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO - FLANGIATE SINGOLE (SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER - SINGLE FLANGED VERSION)			<b>VBLH</b>		
<b>02</b>	DIMENSIONE (SIZE)	BSPP 3/8		<b>380</b>		
		BSPP 1/2		<b>120</b>		
<b>03</b>	MOLLA (SPRING)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 200 bar</b> (2900 PSI)	<b>1</b>	
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)			
	MOLLA (SPRING)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 350 bar</b> (5075 PSI)		<b>2</b>
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)			
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel + zinc-plating)		<b>S</b>		
		Acciaio + zinco-nichel (Steel + zinc-nickel)		<b>K</b>		
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)	1:4.25 Standard		<b>/</b>		
		1:8.75		<b>8</b>		

Opzione: Tappo piombatura - Optional: Tamper proof cap **81300095**

DATI TECNICI / TECHNICAL DATA

<b>Olio idraulico</b> - Mineral oil	<b>ISO 6743/4</b> (DIN 51524)
<b>Viscosità olio</b> - Oil viscosity	<b>15-250 mm²/s</b> (15 to 250 cSt)
<b>Classe di contaminazione max</b> Max contamination index	<b>ISO 4406:1999 Classe 19/17/14</b>
<b>Temperatura dell'olio</b> - Oil temperature	<b>-20°C +80°C</b> -4°F +176°F
<b>Temperatura ambiente</b> - Environment temperature	<b>-20°C +50°C</b> -4°F +122°F
<b>È indispensabile l'utilizzo di un filtro per proteggere la valvola (filtrazione consigliata 15 µm)</b> It is necessary a filter use to protect the valve (advised filtration 15 µm)	



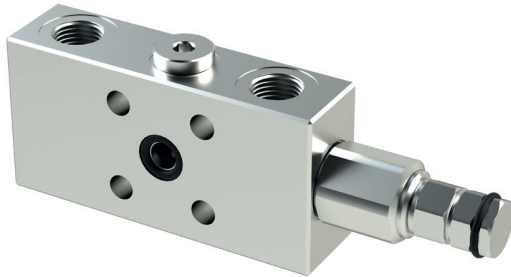
CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	C	M	P	PESO APPROX (kg) APPROX WEIGHT (lbt)
<b>VBLH380</b>	<b>BSPP 3/8</b>	<b>40</b> (10.6)	<b>350</b> (5075)	<b>29</b> (1.14)	<b>54</b> (2.13)	<b>BSPP 1/4</b>	<b>12</b> (0.47)	<b>1,18</b> (2.60)
<b>VBLH120</b>	<b>BSPP 1/2</b>	<b>60</b> (15.9)		<b>34</b> (1.34)	<b>64</b> (2.52)		<b>17</b> (0.67)	<b>1,57</b> (3.49)

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# VCLH

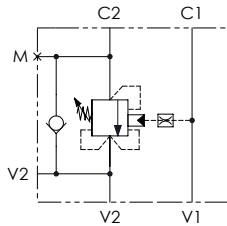
VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO CHIUSO - FLANGIATE SINGOLE  
SINGLE COUNTERBALANCE VALVES FOR CLOSED CENTER - SINGLE FLANGED VERSION



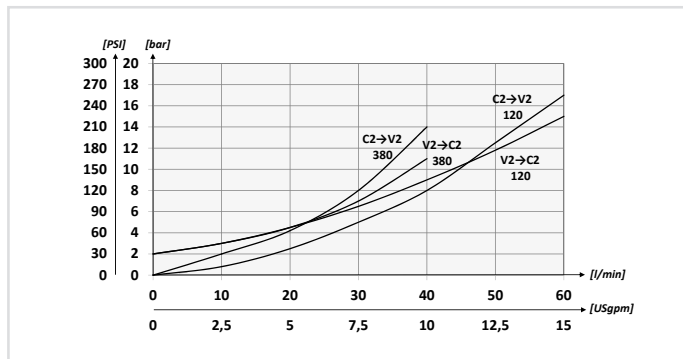
**CODICE ORDINAZIONE**  
ORDERING CODE

01	02	03	04	05
<b>VCLH</b>			<b>S</b>	

**SCHEMA IDRAULICO / HYDRAULIC CIRCUIT**



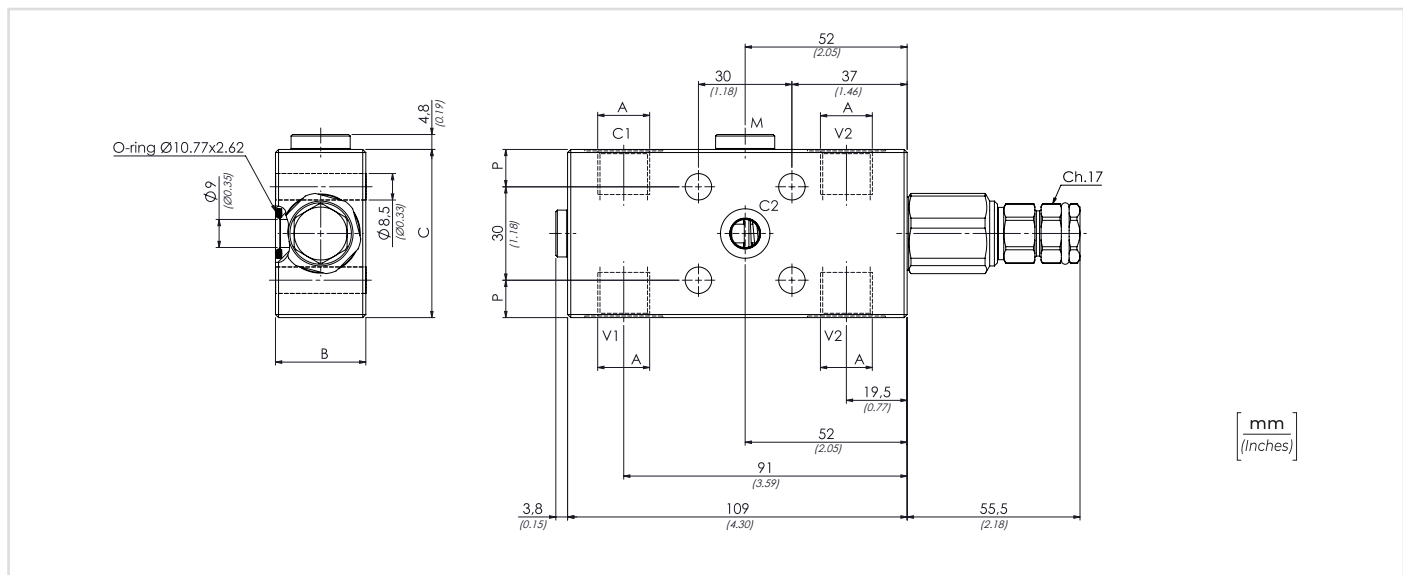
**PERFORMANCES**



<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO CHIUSO - FLANGIATE SINGOLE (SINGLE COUNTERBALANCE VALVES FOR CLOSED CENTER - SINGLE FLANGED VERSION)			<b>VCLH</b>
<b>02</b>	DIMENSIONE (SIZE)	BSPP 3/8		<b>380</b>
		BSPP 1/2		<b>120</b>
<b>03</b>	MOLLA (SPRING)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting)
	<b>30/210 bar</b> (435/3045 PSI)	Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)	<b>Q=5 l/min 200 bar</b> (2900 PSI)
<b>03</b>	MOLLA (SPRING)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting)
	<b>60/350 bar</b> (870/5075 PSI)	Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)	<b>Q=5 l/min 350 bar</b> (5075 PSI)
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel + zinc-plating)		<b>S</b>
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)	1:4.25 Standard		<b>/</b>
		1:8.75		<b>8</b>

**DATI TECNICI / TECHNICAL DATA**

<b>Olio idraulico</b> - Mineral oil	<b>ISO 6743/4</b> (DIN 51524)
<b>Viscosità olio</b> - Oil viscosity	<b>15-250 mm<sup>2</sup>/s</b> (15 to 250 cSt)
<b>Classe di contaminazione max</b> Max contamination index	<b>ISO 4406:1999 Classe 19/17/14</b>
<b>Temperatura dell'olio</b> - Oil temperature	<b>-20°C +80°C</b> -4°F +176°F
<b>Temperatura ambiente</b> - Environment temperature	<b>-20°C +50°C</b> -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)	

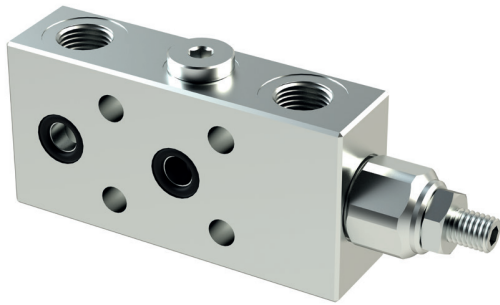


**CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS**

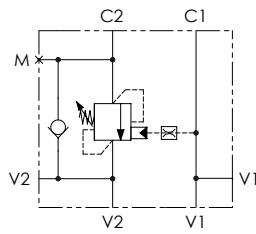
TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	C	M	P	PESO APPROX (kg) APPROX WEIGHT (lb)
<b>VCLH380</b>	<b>BSPP 3/8</b>	<b>40</b> (10.6)	<b>350</b> (5075)	<b>29</b> (1.14)	<b>54</b> (2.13)	<b>BSPP 1/4</b>	<b>12</b> (0.47)	<b>1,23</b> (2.85)
<b>VCLH120</b>	<b>BSPP 1/2</b>	<b>60</b> (15.9)		<b>34</b> (1.34)	<b>64</b> (2.52)		<b>17</b> (0.67)	<b>1,62</b> (3.61)

# VBLF

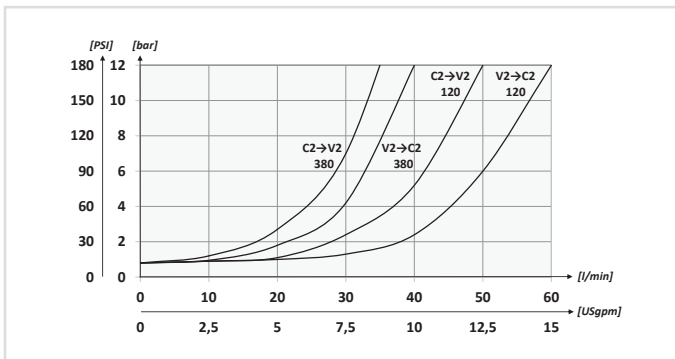
VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO - FLANGIATA DOPPIA  
SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER - DOUBLE FLANGED VERSION



### SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



### PERFORMANCES



### CODICE ORDINAZIONE / ORDERING CODE

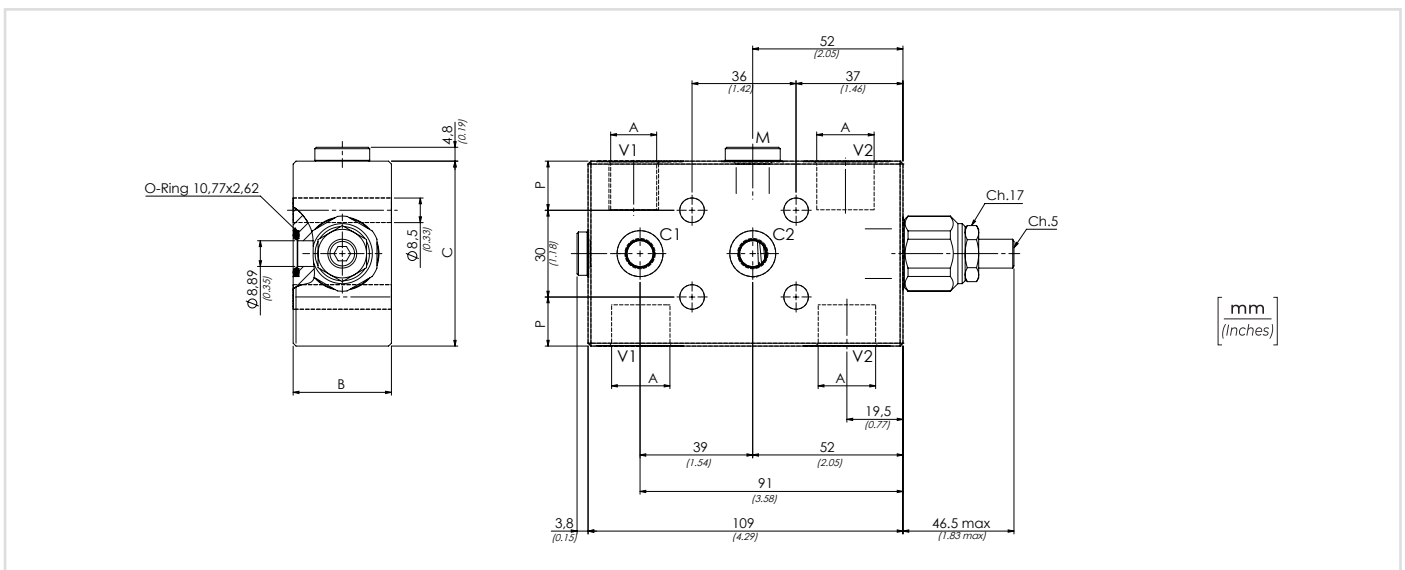
<b>VBLF</b>	01	02	03	04	05
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<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO - FLANGIATA DOPPIA (SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER - DOUBLE FLANGED VERSION)			<b>VBLF</b>		
<b>02</b>	DIMENSIONE (SIZE)	BSPP 3/8		<b>380</b>		
		BSPP 1/2		<b>120</b>		
<b>03</b>	MOLLA (SPRING)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 200 bar</b> (2900 PSI)	<b>1</b>	
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)			
	MOLLA (SPRING)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 350 bar</b> (5075 PSI)		<b>2</b>
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)			
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel + zinc-plating)		<b>S</b>		
		Acciaio + zinco-nichel (Steel + zinc-nickel)		<b>K</b>		
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)	1:4.25 Standard		<b>/</b>		
		1:8.75		<b>8</b>		

Opzione: Tappo piombatura - Optional: Tamper proof cap **81300095**

### DATI TECNICI / TECHNICAL DATA

<b>Olio idraulico</b> - Mineral oil	<b>ISO 6743/4</b> (DIN 51524)
<b>Viscosità olio</b> - Oil viscosity	<b>15-250 mm²/s</b> (15 to 250 cSt)
<b>Classe di contaminazione max</b> Max contamination index	<b>ISO 4406:1999 Classe 19/17/14</b>
<b>Temperatura dell'olio</b> - Oil temperature	<b>-20°C +80°C</b> -4°F +176°F
<b>Temperatura ambiente</b> - Environment temperature	<b>-20°C +50°C</b> -4°F +122°F
<b>È indispensabile l'utilizzo di un filtro per proteggere la valvola (filtrazione consigliata 15 µm)</b> It is necessary a filter use to protect the valve (advised filtration 15 µm)	



### CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

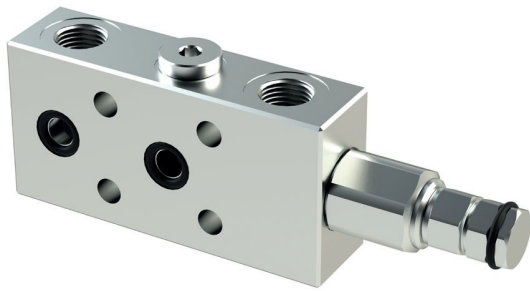
TIPO / TYPE	A	PORTATA MAX (l/min) / MAX FLOW (USgpm)	PRESSIONE MAX (bar) / MAX PRESSURE (PSI)	B	C	M	P	PESO APPROX (kg) / APPROX WEIGHT (lb)
VBLF380	BSPP 3/8	40 (10.6)	350 (5075)	29 (1.14)	54 (2.13)	BSPP 1/4	12 (0.47)	1,17 (2.55)
VBLF120	BSPP 1/2	60 (15.9)		34 (1.34)	64 (2.52)		17 (0.67)	1,55 (3.37)

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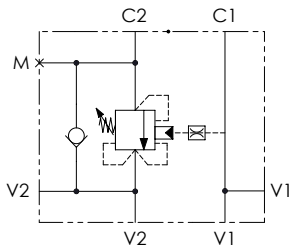
Aggiornamento - Update  
21R-2021



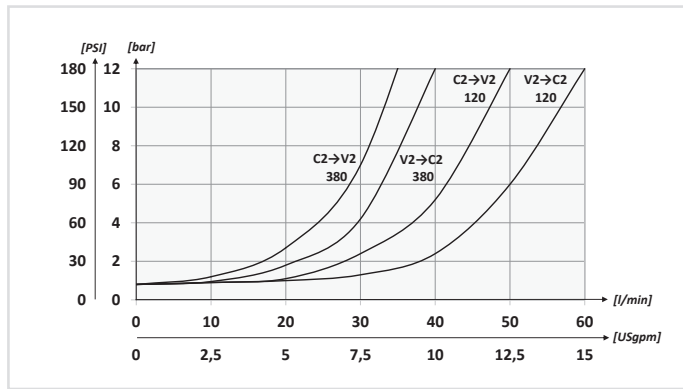
**VCLF** VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO CHIUSO - FLANGIATE  
SINGLE COUNTERBALANCE VALVES FOR CLOSED CENTER - FLANGED VERSION



**SCHEMA IDRAULICO / HYDRAULIC CIRCUIT**



**PERFORMANCES**



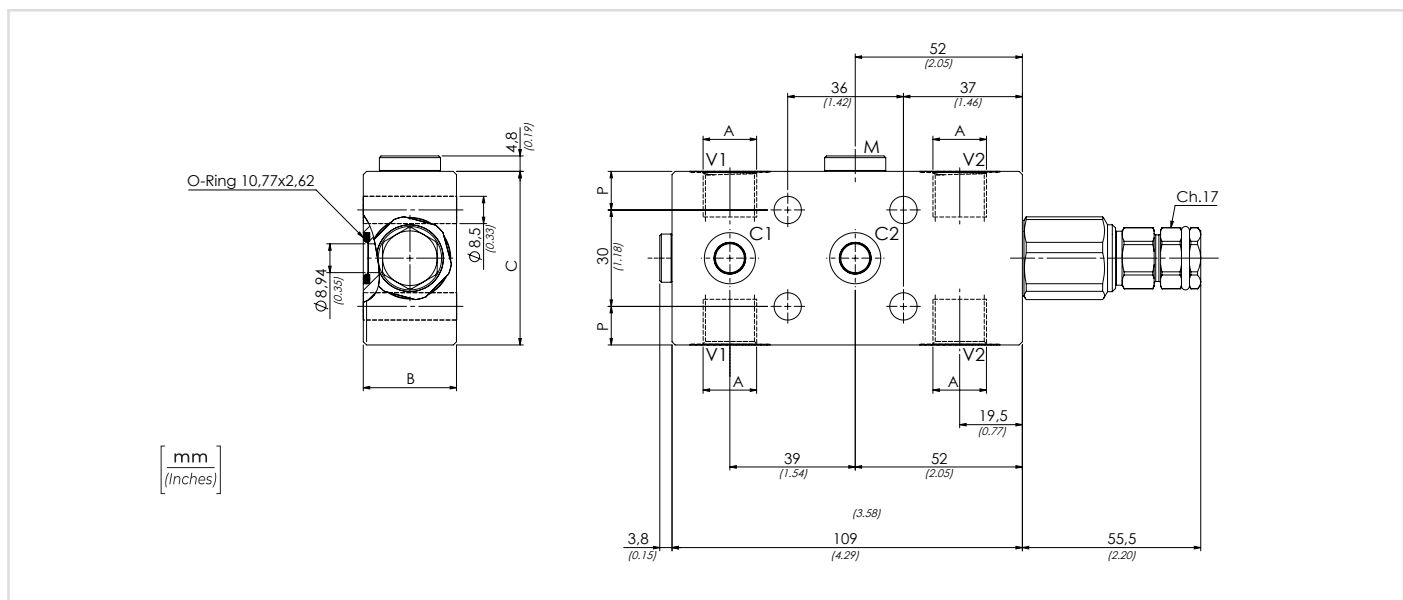
**CODICE ORDINAZIONE / ORDERING CODE**

01	02	03	04	05
<b>VCLF</b>			<b>S</b>	

<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO CHIUSO - FLANGIATE (SINGLE COUNTERBALANCE VALVES FOR CLOSED CENTER - FLANGED VERSION)			<b>VCLF</b>		
<b>02</b>	DIMENSIONE (SIZE)	BSPP 3/8		<b>380</b>		
		BSPP 1/2		<b>120</b>		
<b>03</b>	MOLLA (SPRING) <b>30/210 bar</b> (435/3045 PSI)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 200 bar</b> (2900 PSI)	<b>1</b>	
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)			
	MOLLA (SPRING) <b>60/350 bar</b> (870/5075 PSI)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting) <b>Q=5 l/min 350 bar</b> (5075 PSI)		<b>2</b>
		Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)			
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel + zinc-plating)		<b>S</b>		
<b>05</b>	RAPPORTO DI PILOTAGGIO (PILOT RATIO)	1:4.25 Standard		<b>/</b>		
		1:8.75		<b>8</b>		

**DATI TECNICI / TECHNICAL DATA**

<b>Olio idraulico - Mineral oil</b>	<b>ISO 6743/4 (DIN 51524)</b>
<b>Viscosità olio - Oil viscosity</b>	<b>15-250 mm²/s (15 to 250 cSt)</b>
<b>Classe di contaminazione max Max contamination index</b>	<b>ISO 4406:1999 Classe 19/17/14</b>
<b>Temperatura dell'olio - Oil temperature</b>	<b>-20°C +80°C -4°F +176°F</b>
<b>Temperatura ambiente - Environment temperature</b>	<b>-20°C +50°C -4°F +122°F</b>
<b>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)</b>	



**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 APPROX (kg) / APPROX WEIGHT (lbt)
<b>VCLF380</b>	<b>BSPP 3/8</b>	<b>40 (10.6)</b>	<b>350 (5075)</b>	<b>29 (1.14)</b>	<b>54 (2.13)</b>	<b>BSPP 1/4</b>	<b>12 (0.47)</b>	<b>1,22 (2.69)</b>
<b>VCLF120</b>	<b>BSPP 1/2</b>	<b>60 (15.9)</b>		<b>34 (1.34)</b>	<b>64 (2.52)</b>		<b>17 (0.67)</b>	<b>1,60 (3.52)</b>

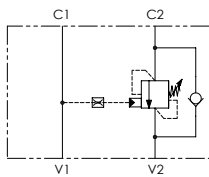
**SCVB** VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO OMP-OMR  
SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER OMP-OMR



	01	02	03	04
<b>CODICE ORDINAZIONE</b> ORDERING CODE	<b>SCVB</b>			<b>S</b>

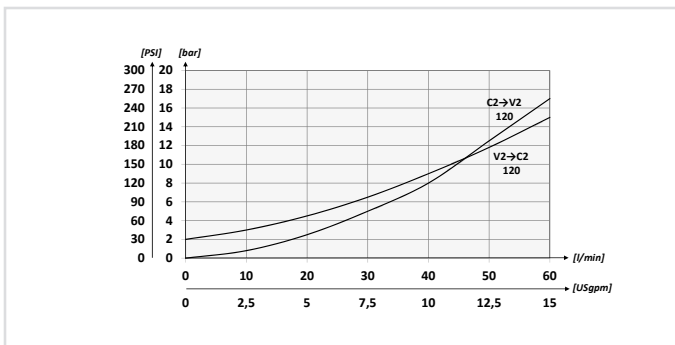
<b>01</b>	VALVOLE DI BILANCIAMENTO SINGOLE PER CENTRO APERTO (SINGLE COUNTERBALANCE VALVES FOR OPEN CENTER)			<b>SCVB</b>
<b>02</b>	DIMENSIONE (SIZE)	BSPP 1/2		<b>120</b>
<b>03</b>	MOLLA (SPRING)	Rp 1:4.25	<b>78 bar/al giro</b> (1131 PSI/turn)	Taratura standard (Std. setting)
	<b>30/210 bar</b> (435/3045 PSI)	Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)	<b>Q=5 l/min 200 bar</b> (2900 PSI)
<b>03</b>	MOLLA (SPRING)	Rp 1:4.25	<b>135 bar/al giro</b> (1958 PSI/turn)	Taratura standard (Std. setting)
	<b>60/350 bar</b> (870/5075 PSI)	Rp 1:8.75	<b>160 bar/al giro</b> (2320 PSI/turn)	<b>Q=5 l/min 350 bar</b> (5075 PSI)
<b>04</b>	MATERIALE (MATERIAL)	Acciaio + zincatura (Steel + zinc-plating)		<b>S</b>

**SCHEMA IDRAULICO / HYDRAULIC CIRCUIT**



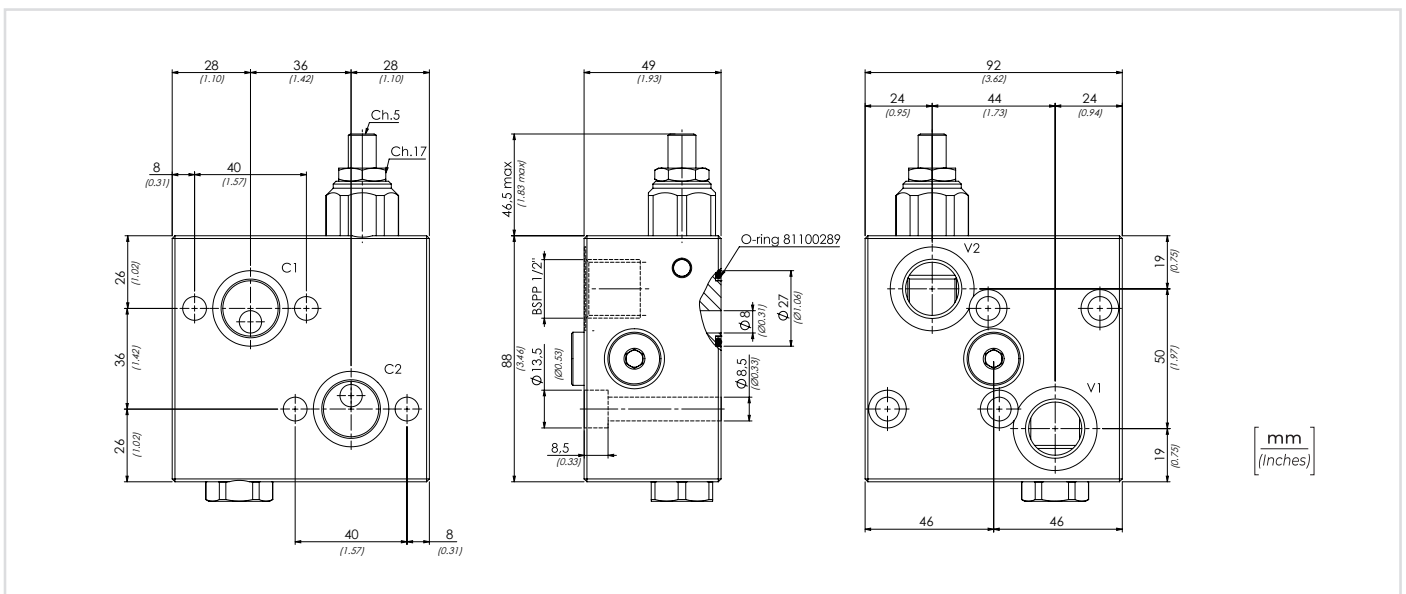
Opzione: Tappo piombatura - Optional: proof cap **81300095**

**PERFORMANCES**



**DATI TECNICI / TECHNICAL DATA**

<b>Olio idraulico</b> - Mineral oil	<b>ISO 6743/4</b> (DIN 51524)
<b>Viscosità olio</b> - Oil viscosity	<b>15-250 mm²/s</b> (15 to 250 cSt)
<b>Classe di contaminazione max</b> Max contamination index	<b>ISO 4406:1999 Classe 19/17/14</b>
<b>Temperatura dell'olio</b> - Oil temperature	<b>-20°C +80°C</b> -4°F + 176°F
<b>Temperatura ambiente</b> - Environment temperature	<b>-20°C +50°C</b> -4°F + 122°F
<b>È indispensabile l'utilizzo di un filtro per proteggere la valvola (filtrazione consigliata 15 µm)</b> 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 MAX PRESSURE bar-PSI	PESO APPROX (kg) APPROX WEIGHT (lbt)
<b>SCVB120</b>	<b>BSPP 1/2</b>	<b>60</b> (15.9)	<b>350</b> (5075)	<b>2,81</b> (6.19)

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Aggiornamento - Update  
21R-2021