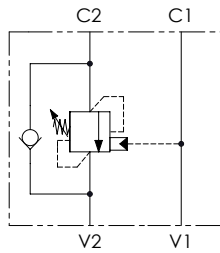
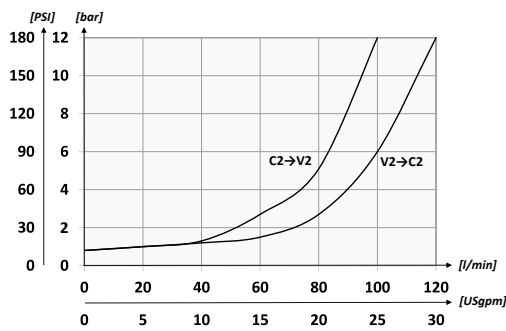


**Hydraulic circuit**



**Performances**



**Ordering code**

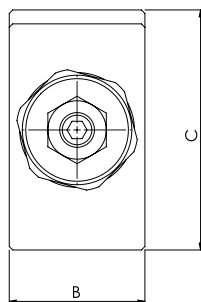
01	02	03	04	05
<b>VBCL</b>	<b>340</b>	<b>2</b>	<b>S</b>	

<b>01</b>	Single counterbalance valves for open center			<b>VBCL</b>
<b>02</b>	Size	BSPP 3/4		<b>340</b>
<b>03</b>	Spring <b>60/350 bar</b> (870/5075 PSI)	Rp 1:6.2 Press. increase <b>143 bar/al giro</b> (2074 PSI/turn)	Std. setting <b>Q=5 l/min 350 bar</b> (5075 PSI)	<b>2</b>
		Rp 1:10.6 Press. increase <b>242bar/al giro</b> (3509 PSI/turn)		
<b>04</b>	Material	Steel body + zinc-plated		<b>S</b>
<b>05</b>	Pilot ratio	1:6.2		<b>/</b>
		1:10,6		<b>11</b>

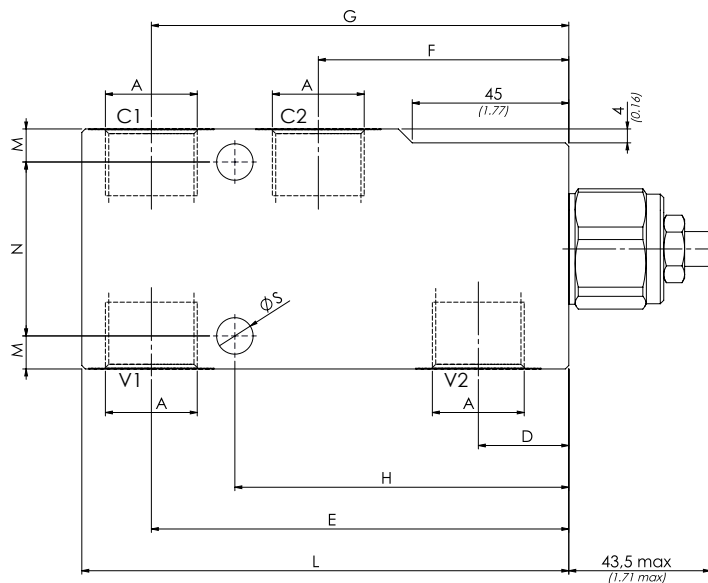
**Technical data**

Mineral oil	<b>ISO 6743/4 (DIN 51524)</b>		
Oil viscosity	<b>15-250 mm<sup>2</sup>/s (15 to 250 cSt)</b>		
Max contamination index with filter	<b>ISO 4406:1999 Classe 19/17/14</b>		
Oil temperature	<b>-20°C +80°C</b>	<b>-4°F + 176°F</b>	
Ambient temperature	<b>-20°C +50°C</b>	<b>-4°F + 122°F</b>	

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



[ mm  
(Inches) ]



**Technical characteristics**

Type	A	Max flow l/min-USgpm	Max pressure bar/PSI	B	C	D	E	F	G	H	L	M	N	S	Approx weight kg/lb
<b>VBCL340</b>	<b>BSPP 3/4</b>	<b>120 (31.7)</b>	<b>350 (5075)</b>	<b>39 (1.54)</b>	<b>69 (2.72)</b>	<b>20 (0.79)</b>	<b>94 (3.7)</b>	<b>72 (2.83)</b>	<b>120 (4.72)</b>	<b>96 (3.78)</b>	<b>140 (5.51)</b>	<b>9,5 (0.37)</b>	<b>50 (1.97)</b>	<b>10,5 (0.41)</b>	<b>2,54 (5.59)</b>