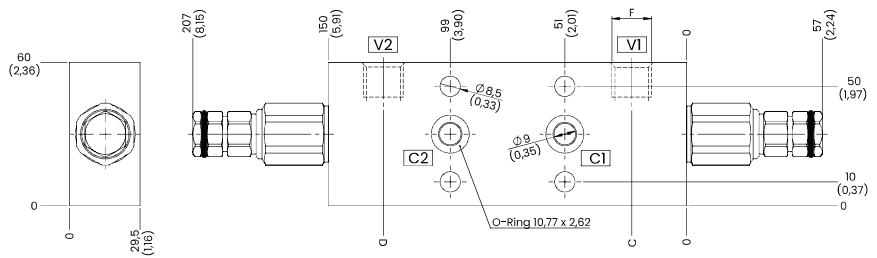


DOUBLE COUNTERBALANCE VALVES FOR CLOSED CENTER, FLANGED VERSION

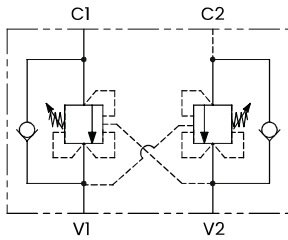


TECHNICAL CHARACTERISTICS

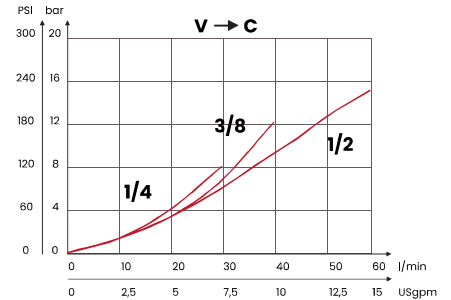
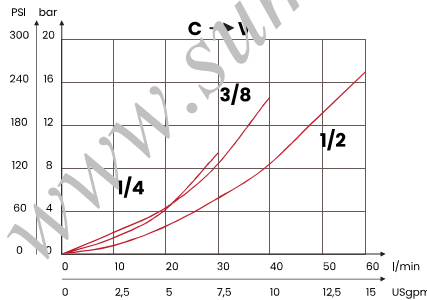
mm [Inches]

F	C	D
1/4 BSPP	23 [0,91]	127 [5]
3/8 BSPP		
1/2 BSPP	21 [0,83]	129 [5,07]
Steel body		

HYDRAULIC CIRCUIT



PERFORMANCES



ORDERING CODE

ORDERING CODE	F	MAX FLOW l/min USgpm	STANDARD SETTING	RANGE SPRING	INCREASE TO TURN	PILOT RATIO	MAX PRESSURE bar PSI	WEIGHT kg lbt
BFC1B21	1/4 BSPP	40 [10,6]	210 bar [3045 PSI]	30/210 bar [435/3045 PSI]	80 bar/al giro [1160 PSI/turn]	Rp 1:4,25	350 [5075]	2,15 [4,74]
BFC1B35			350 bar [5075 PSI]	60/350 bar [870/5075 PSI]	135 bar/al giro [1960 PSI/turn]			
BFC2B21	3/8 BSPP		210 bar [3045 PSI]	30/210 bar [435/3045 PSI]	80 bar/al giro [1160 PSI/turn]			
BFC2B35			350 bar [5075 PSI]	60/350 bar [870/5075 PSI]	135 bar/al giro [1960 PSI/turn]			
BFC3B21	1/2 BSPP		210 bar [3045 PSI]	30/210 bar [435/3045 PSI]	80 bar/al giro [1160 PSI/turn]			2,05 [4,52]
BFC3B35			350 bar [5075 PSI]	60/350 bar [870/5075 PSI]	135 bar/al giro [1960 PSI/turn]			

Valves are provided calibrated.
Calibration performed at the flow rate 5 l/m.

Mineral oil: DIN 51524 ISO 6743/4 | Oil viscosity: 15 to 250 cSt 15-250 mm²/s | Oil temperature: -4°F + 176°F -20°C +80°C | Ambient temperature: -4°F + 122°F -20°C +50°C | Max contamination index with filter: 5 to 250 cSt 15-250 mm²/s | It is necessary a filter use to protect the valve (advised filtration 15 µm) | Max leakage: 0,25 cm³/min - 5 drops/min at 80% of the calibration pressure