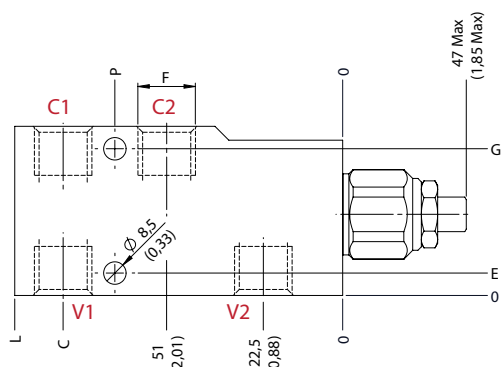
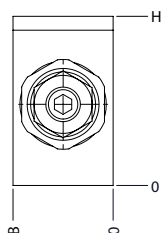


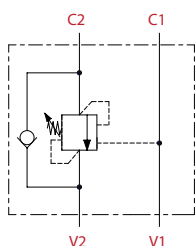
### SINGLE COUNTERBALANCE VALVES, FOR OPEN CENTER



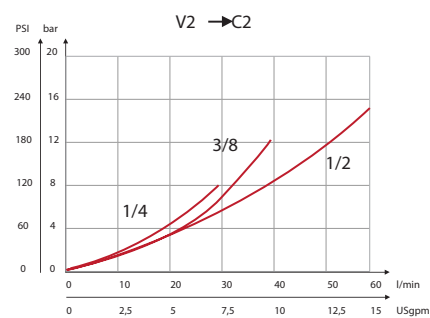
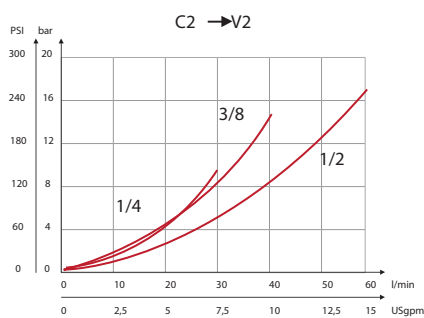
### TECHNICAL CHARACTERISTICS

F	B	H	L	P	C	E	G
1/4 BSPP	25 [0,98]	50 [1,97]	95 [3,74]	66 [2,26]	81 [3,19]	5,5 [0,22]	44,5 [1,73]
3/8 BSPP							
1/2 BSPP	30 [1,18]	60 [2,36]	105 [4,13]	70 [2,76]	89 [3,19]	8,5 [0,33]	51,5 [2,03]
Steel body							

### HYDRAULIC CIRCUIT



### PERFORMANCES



### ORDERING CODE

ORDERING CODE	F ports	MAX FLOW l/min [USgpm]	STANDARD SETTING bar [PSI]	RANGE SPRING bar [PSI]	INCREASE TO TURN bar [PSI]	PILOT RATIO	MAX PRESSURE bar [PSI]	WEIGHT kg [lbt]		
TSA1B21YA	1/4 BSPP	30 [7,9]	210 [3045]	30/210 [435/3045]	80 [1160]	1:4,25	350 [5075]	0,83 [1,83]		
TSA1B35YA			350 [5075]	60/350 [870/5075]	135 [1960]					
TSA2B21YA	3/8 BSPP	40 [10,6]	210 [3045]	30/210 [435/3045]	80 [1160]			0,79 [1,74]		
TSA2B35YA			350 [5075]	60/350 [870/5075]	135 [1960]					
TSA3B21YA	1/2 BSPP	60 [15,9]	210 [3045]	30/210 [435/3045]	80 [1160]			1,2[2,65]		
TSA3B35YA			350 [5075]	60/350 [870/5075]	135 [1960]					
Std setting 350 bar [5075 PSI] to 5 l/m [1,32 USgpm]					Std setting 210 bar [3045 PSI] to 5 l/m [1,32 USgpm]					
Safety cap available on request					cod. 62200021					

Mineral oil : DIN 51524 ISO 6743/4 | Oil viscosity : 15 to 250 cSt 15-250 mm<sup>2</sup>/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 mm<sup>2</sup>/s | It is necessary a filter use to protect the valve (advised filtration 15 µm) |  
 Max leakage : 0,25 cm<sup>3</sup>/min - 5 drops/min at 80% of the calibration pressure