

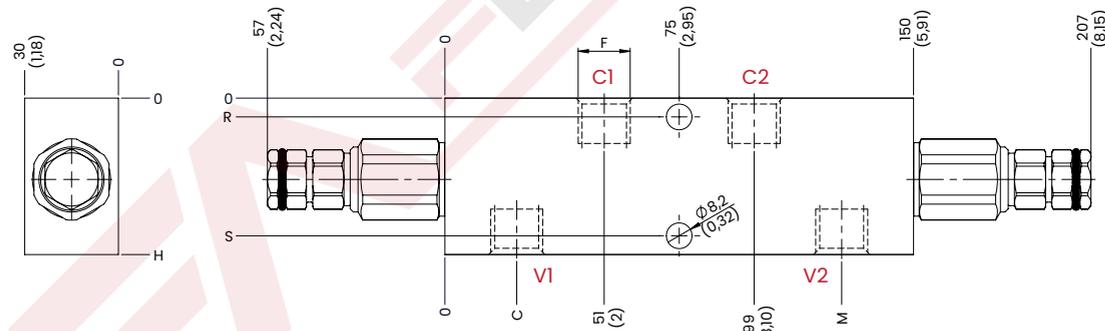
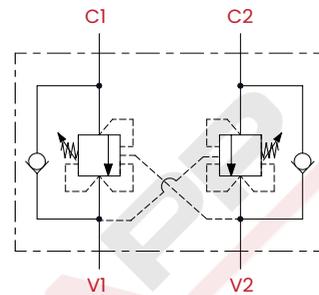
BDC COUNTERBALANCE BSPP

DOUBLE COUNTERBALANCE VALVES FOR CLOSED CENTER

BDC counterbalance valves (Gas thread) are used to keep a load locked, the built-in relief valve protects the system from overpressure in the cylinder by draining the oil.



HYDRAULIC CIRCUIT



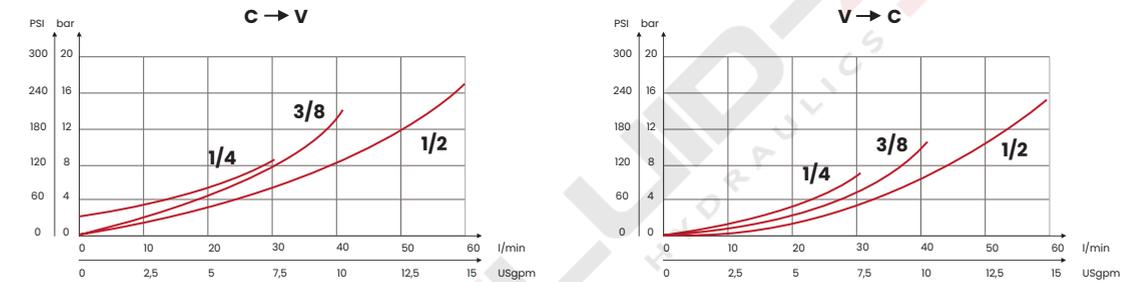
TECHNICAL CHARACTERISTICS

mm [Inches]

F	H	R	S	C	M
1/4 BSPP	50 [1,97]	6 [0,24]	44 [1,73]	23 [0,91]	127 [5]
3/8 BSPP					
1/2 BSPP	60 [2,36]	8,5 [0,33]	51,5 [2,03]	21 [0,83]	129 [5,08]

Steel body (on request aluminium body)

PERFORMANCES



ORDERING CODE

CODE	TYPE	F ports	MAX FLOW l/min [USgpm]	MAX PRESSURE bar [PSI]	STANDARD SETTING bar [PSI]	RANGE SPRING bar [PSI]	INCREASE TO TURN bar [PSI]	PILOT RATIO	WEIGHT kg [lb]
FA2017	BDC1B21	1/4 BSPP	30 [7,9]	350 [5075]	210 [3045]	30/210 [435/3045]	80 [1160]	1:4,25 On request 1:8,1	1,9 [4,2]
FA2018	BDC1B35				350 [5075]	60/350 [870/5075]	135 [1960]		
FA2019	BDC2B21	3/8 BSPP	40 [10,6]		210 [3045]	30/210 [435/3045]	80 [1160]		2,10 [4,6]
FA2020	BDC2B35				350 [5075]	60/350 [870/5075]	135 [1960]		
FA2021	BDC3B21	1/2 BSPP	60 [15,9]		210 [3045]	30/210 [435/3045]	80 [1160]		
FA2022	BDC3B35				350 [5075]	60/350 [870/5075]	135 [1960]		

Standard setting 350 bar [5075 PSI] to 5 l/m [1,32 usgpm] Standard setting 210 bar [3045 PSI] to 5 l/m [1,32 usgpm]