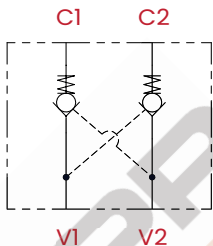


DOUBLE ACTING PILOT CHECK VALVES

VPD pilot check valves are used to lock a double acting actuator in place in both directions, ensuring the load is locked.

HYDRAULIC CIRCUIT

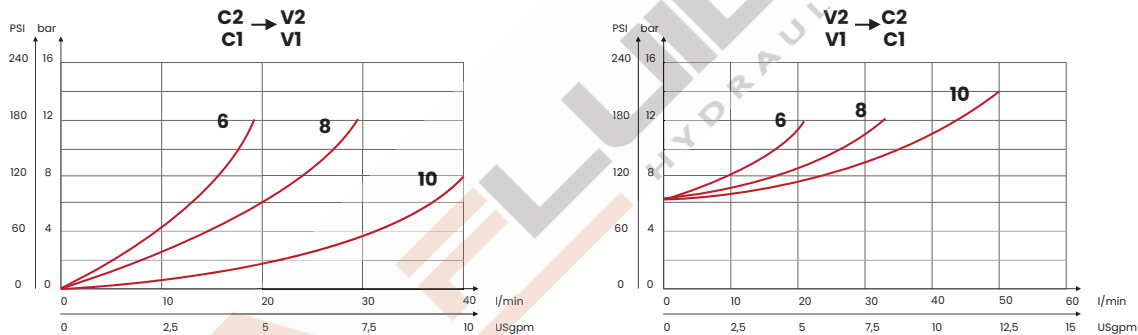


TECHNICAL CHARACTERISTICS

mm [Inches]

F	B	H	L	M	N	P	Ø G	C	D	E	F	R
SAE 6 [9/16-18 UNF]	30 [1,18]	60 [2,36]	90 [3,54]	45 [1,77]	50 [1,97]	17 [0,67]	6,5 [0,26]	14 [0,55]	29 [1,14]	61 [2,40]	76 [2,99]	107 [4,21]
SAE 8 [3/4-16 UNF]												
SAE 10 [7/8-14 UNF]		70 [2,76]	110 [4,33]	55 [2,16]	60 [2,36]	21,5 [0,85]	8,5 [0,33]	20 [0,78]	37 [1,45]	73 [2,87]	90 [3,54]	131,5 [5,17]
Steel body (on request aluminum body)												

PERFORMANCES



ORDERING CODE

CODE	TYPE	F ports	MAX FLOW l/min [USgpm]	MAX PRESSURE bar [PSI]	PILOT RATIO	CRACKING PRESSURE bar [PSI]	WEIGHT kg [lb]
FA5052	VPD1S	SAE 6	20 [5,3]	350 [5075]	1:3,3	4,5 [65]	1,30 [2,86]
FA5031	VPD2S	SAE 8	35 [9,2]				1,20 [2,64]
FA5032	VPD3S	SAE 10	60 [15,83]		1:4		1,45 [3,20]