

VPD CHECK VALVES BSPP

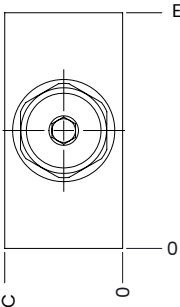
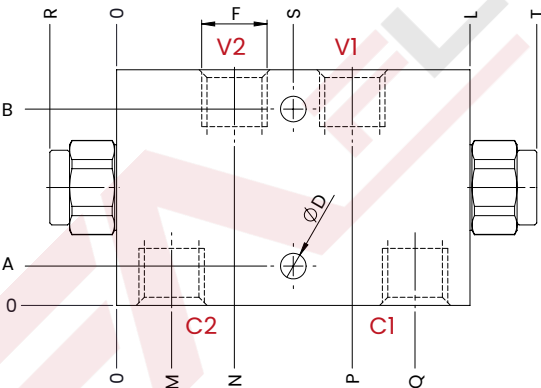
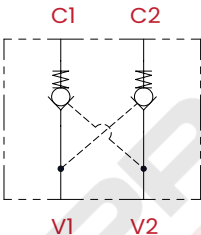


DOUBLE ACTING PILOT CHECK VALVES

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



HYDRAULIC CIRCUIT

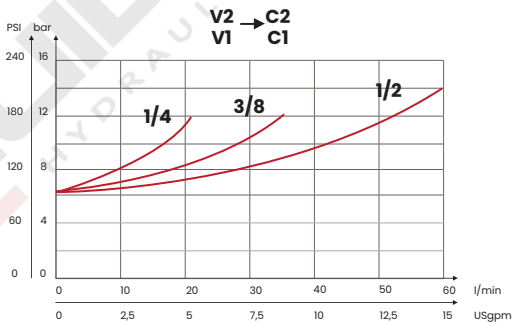
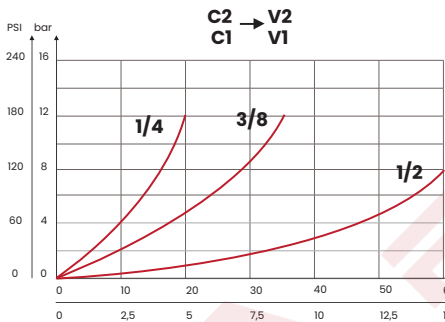


mm [Inches]

TECHNICAL CHARACTERISTICS

F	A	B	C	E	L	M	N	P	Ø D	Q	R	S	T
1/4 BSPP					90 [3,54]	14 [0,55]	30 [1,18]	60 [2,36]	6,5 [0,25]	76 [3]	17 [0,67]	45 [1,77]	107 [4,21]
3/8 BSPP	10 [0,39]	50 [1,97]	30 [1,18]	60 [2,36]									
1/2 BSPP					110 [4,33]	20 [0,78]	37 [1,45]	73 [2,87]	8,5 [0,33]	90 [3,54]	22 [0,86]	55 [2,16]	132 [5,19]
Steel body (on request aluminium 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]
FA5039	VPD1B	1/4 BSPP	20 [5,3]	350 [5075]	1:3,3	4,5 [65]	1,23 [2,70]
FA5011	VPD2B	3/8 BSPP	35 [9,2]				1,2 [2,64]
FA5013	VPD3B	1/2 BSPP	60 [15,83]		1:4		1,45 [3,20]

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