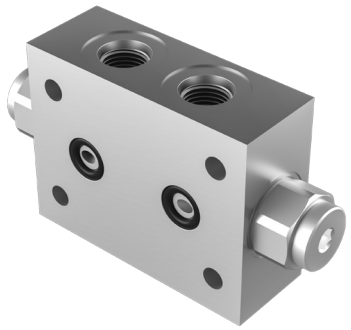
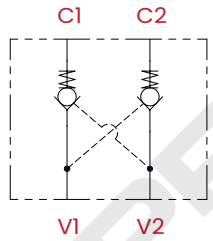
DOUBLE ACTING PILOT CHECK VALVES - FLANGED VERSION

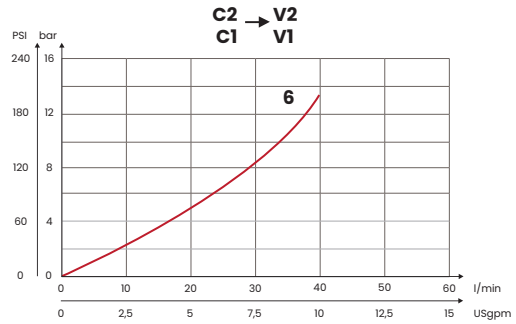
VPB pilot check valves are used to lock a double acting actuator in place in both directions, ensuring the load is locked.

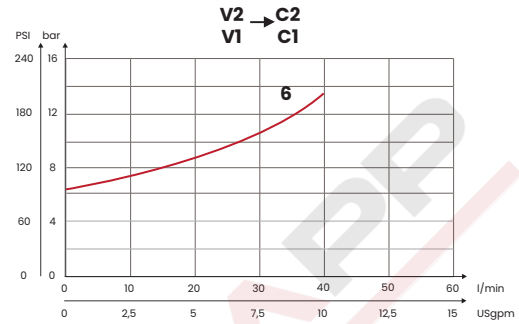


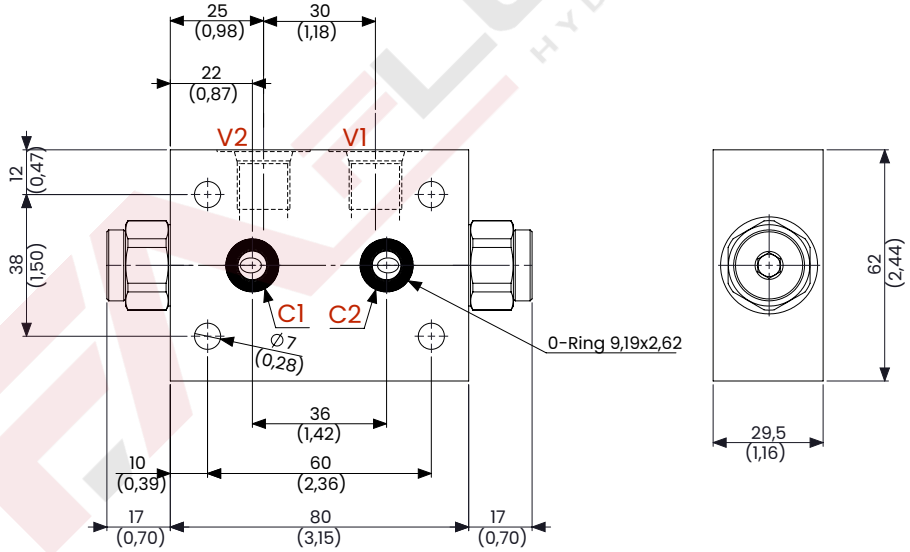
HYDRAULIC CIRCUIT



PERFORMANCES







mm [Inches]

ORDERING CODE

CODE	TYPE	F ports	MAX FLOW l/min [USgpm]	MAX PRESSURE bar [PSI]	PILOT RATIO	CRACKING PRESSURE bar [PSI]	WEIGHT kg [lb]
FA5063	VPB1S	SAE 6 [9/16-18 UNF]	35 [9,2]	350 [5075]	1:3,3	4,5 [65]	1,1 [2,42]

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/mi

UPDATE. June 2026 (v.01)

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