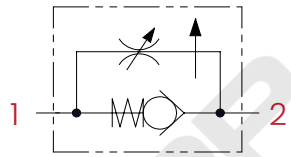
FLOW CONTROL VALVES-PRESSURE COMPENSATED

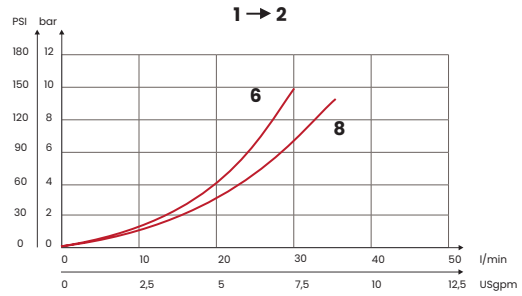
Compensated flow control valve, allows the free passage of oil in one direction and regulates the flow in the opposite direction. The internal compensation system keeps the actuator speed constant, regardless of the load, and guarantees high adjustment sensitivity.

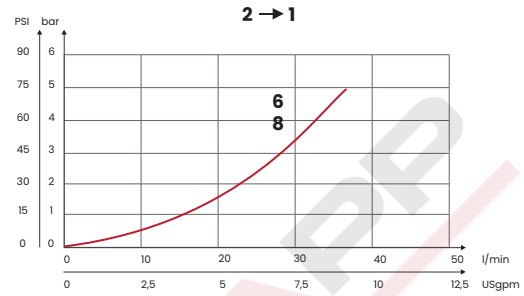


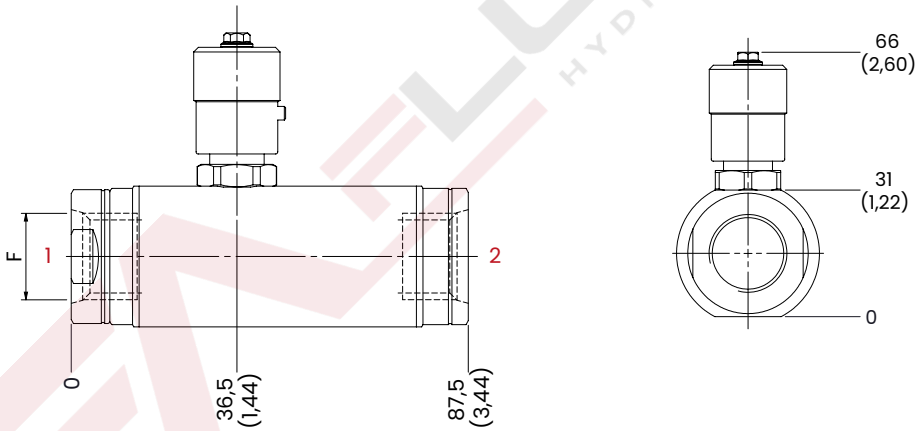
HYDRAULIC CIRCUIT



PERFORMANCES







mm [Inches]

ORDERING CODE

CODE	TYPE	F ports	MAX FLOW l/min [USgpm]	MAX PRESSURE bar [PSI]	WEIGHT kg [lb]
FA4185	CFR1S	SAE6 [9/16-18 UNF]	25 [6,6]	250 [3625]	0,5 [1,10]
FA4186	CFR2S	SAE8 [3/4-16 UNF]	30 [7,9]		
Steel body					

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)

UPDATE. Aug. 2024 (v.04)

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