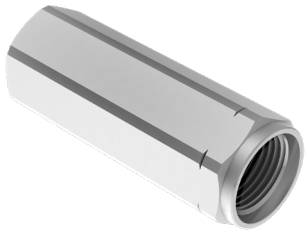
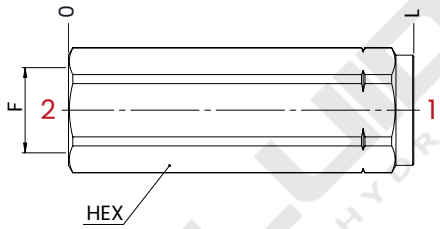
CHECK VALVES

The UFC poppet check valves allow the full flow of oil in one direction and stop the flow in the opposite direction.
The applications where these valves can be used are many, agricultural machinery or industrial installations.

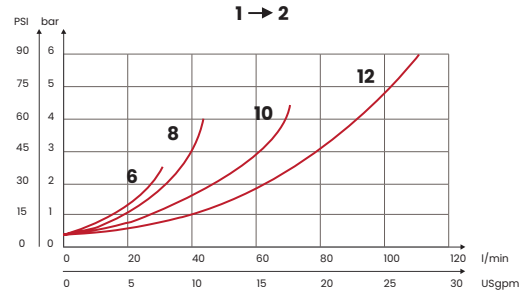


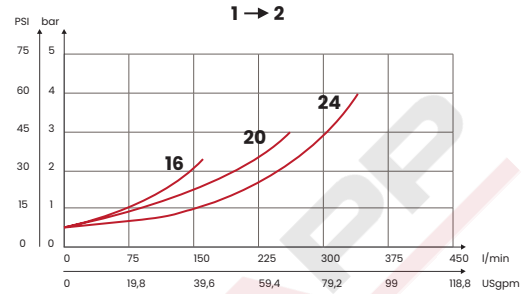
HYDRAULIC CIRCUIT





PERFORMANCES





TECHNICAL CHARACTERISTICS

mm [Inches]

F	L	HEX
SAE6 [9/16-18 UNF]	58 [2,28]	19
SAE8 [3/4-16 UNF]	69 [2,71]	24
SAE10 [7/8-14 UNF]	77 [3,03]	27
SAE12 [1-1/16-12 UN]	88,5 [3,48]	35
SAE16 [1-5/16-12 UN]	110 [4,33]	41
SAE20 [1-5/8-12 UN]	120 [4,72]	55
SAE24 [1-7/8-12 UN]	138 [5,43]	60
Steel body		

On request
• Calibration hole

ORDERING CODE

CODE	TYPE	F ports	MAX FLOW l/min [USgpm]	MAX PRESSURE bar [PSI]	SPRING bar [PSI]	WEIGHT kg [lb]
FA3057	UFC1S05	SAE6	30 [7,92]	400 [5800]	0,5 Standard [7,3] On request 3 [43,5] 4,5 [65] 6 [87]	0,09 [0,19]
FA3058	UFC2S05	SAE8	50 [13,2]			0,18 [0,39]
FA3059	UFC3S05	SAE10	70 [18,5]			0,23 [0,50]
FA3060	UFC4S05	SAE12	90 [23,7]			0,45 [1]
FA3061	UFC5S05	SAE16	150 [39,6]	350 [5075]		0,73 [1,6]
FA3062	UFC6S05	SAE20	200 [52,9]			1,5 [3,3]
FA3063	UFC7S05	SAE24	300 [79,2]			1,85 [4,07]

UPDATE. May 2025 (v.05)

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

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