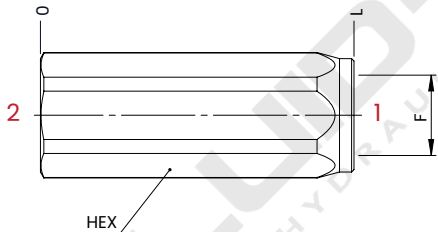
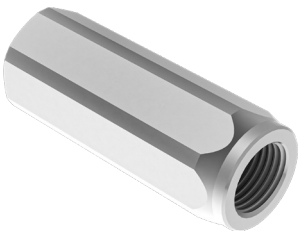


UFC CHECK VALVES BSPP

CHECK VALVES

The UFC (Gas thread) 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

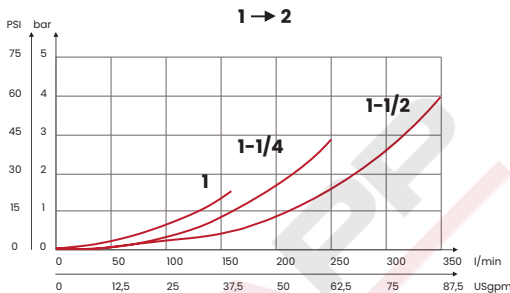
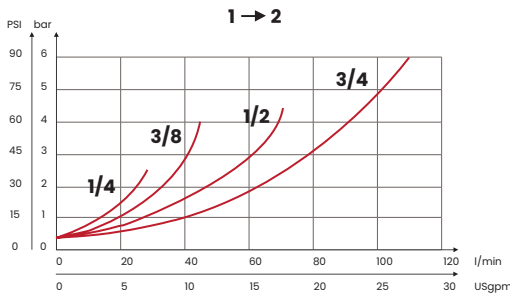


TECHNICAL CHARACTERISTICS

F	L	HEX
1/4 BSPP	55 [2,17]	19
3/8 BSPP	65 [2,56]	24
1/2 BSPP	75 [2,95]	27
3/4 BSPP	86,5 [3,41]	35
1 BSPP	110 [4,33]	41
1-1/4 BSPP	123 [4,84]	55
1-1/2 BSPP	138 [5,43]	60
Steel body		

On request (only for poppet type)
• Calibration hole

PERFORMANCES



ORDERING CODE

CODE	TYPE	F ports	MAX FLOW l/min [USgpm]	MAX PRESSURE bar [PSI]	CRACKING PRESSURE bar [PSI]	WEIGHT kg [lb]
FA3001	UFC1B05	1/4 BSPP	30 [7,92]	400 [5800]	Poppet type 0,5 Standard [7,3] On request 3 [43,5] 6 [87]	0,10 [0,22]
FA3004	UFC2B05	3/8 BSPP	45 [12]			0,18 [0,40]
FA3007	UFC3B05	1/2 BSPP	70 [18,5]			0,23 [0,50]
FA3010	UFC4B05	3/4 BSPP	110 [28,9]			0,45 [1]
FA3013	UFC5B05	1 BSPP	160 [42,1]	350 [5075]		0,73 [1,6]
FA3016	UFC6B05	1-1/4 BSPP	250 [66]			1,5 [3,3]
FA3019	UFC7B05	1-1/2 BSPP	350 [92,5]			1,85 [4,07]
FA3022	UFS1B05	1/4 BSPP	30 [7,92]	400 [5800]	Ball type 0,5 [7,3]	0,10 [0,22]
FA3023	UFS2B05	3/8 BSPP	45 [12]			0,18 [0,40]
FA3024	UFS3B05	1/2 BSPP	70 [18,5]			0,23 [0,50]

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