

VUS CHECK VALVES BSPP

CHECK VALVES BALL TYPE

The VUS check valve allow the free flow through in a direction while the flow is blocked in the opposite one. It is suitable for integrated circuits mounted on hydraulic blocks. The check valve is useful where the design requires small size valve. The external seal is ensured by an o-ring. They are protected externally by a manganese phosphating treatment.



HYDRAULIC CIRCUIT

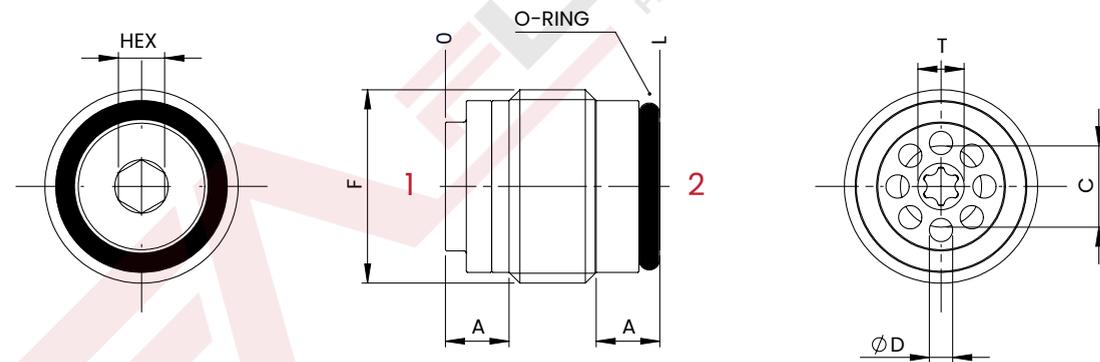
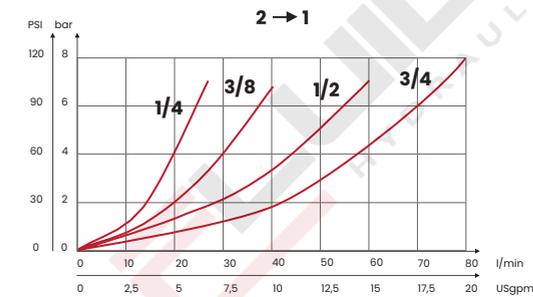


TECHNICAL CHARACTERISTICS

mm [Inches]

F	L	A	C	D	HEX	T	O-RING
1/4 BSPP	17 [0,67]	5,5 [0,22]	6 [0,24]	1,3 [0,05]	3	Torx T15	9 x 1
3/8 BSPP	18,5 [0,73]		7,5 [0,30]	2 [0,08]	4	Torx T15	10,82 x 1,78
1/2 BSPP	22,5 [0,88]	7 [0,28]	10 [0,39]	2,5 [0,1]	6	HEX 5	14 x 1,78
3/4 BSPP	28 [1,20]	8 [0,31]	14 [0,55]	3 [0,12]	8	HEX 8	18,72 x 2,62

PERFORMANCES



It's possible to install the valve in both directions

mm [Inches]

ORDERING CODE

CODE	TYPE	CAVITY	F ports	MAX FLOW l/min [USgpm]	MAX PRESSURE bar [PSI]	TIGHTENING TORQUE Nm [lbt ft]	CRACKING PRESSURE bar [PSI]	WEIGHT kg [lb]
FA3045	VUS1B	FC107	1/4 BSPP	20 [5,3]	350 [5075]	4 [3]	0,5 [7,3]	0,01 [0,022]
FA3046	VUS2B	FC108	3/8 BSPP	30 [7,9]		6 [4,4]		0,018 [0,040]
FA3047	VUS3B	FC109	1/2 BSPP	50 [13,2]		10 [7,4]		0,033 [0,073]
FA3048	VUS4B	FC110	3/4 BSPP	80 [21]		20 [14,8]		0,082 [0,18]

See cavity paragraph p. 225