



VUC

Compact check valves.

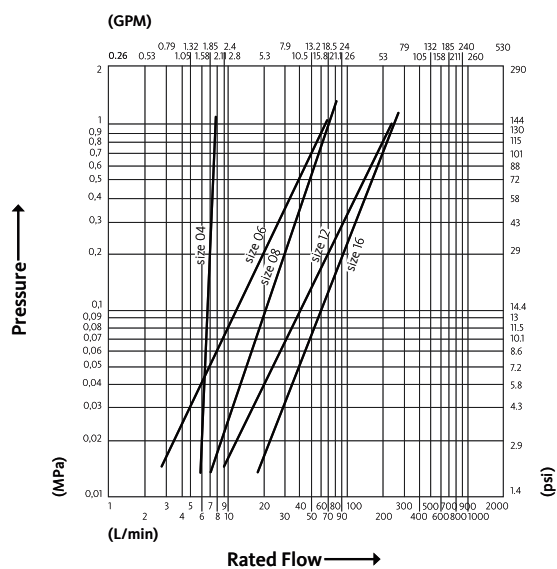
VUC series check valves are very compact being them assembled with only one piece body. Standard cracking pressure 35 kPa.



Applications



Pressure Drop



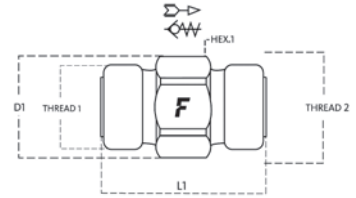
Technical Specifications

dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
04	6.3	1/4"	25	5				100	
06	10	3/8"	40	20				160	
08	12.5	1/2"	40	35				160	
12	20	3/4"	40	65				160	
16	25	1"	40	90				160	

Material	Steel
Seals	NBR
Working temperatures	- 25 °C to + 125 °C
Surface treatment	MATE 500 (CrIII)
Series Interchange	

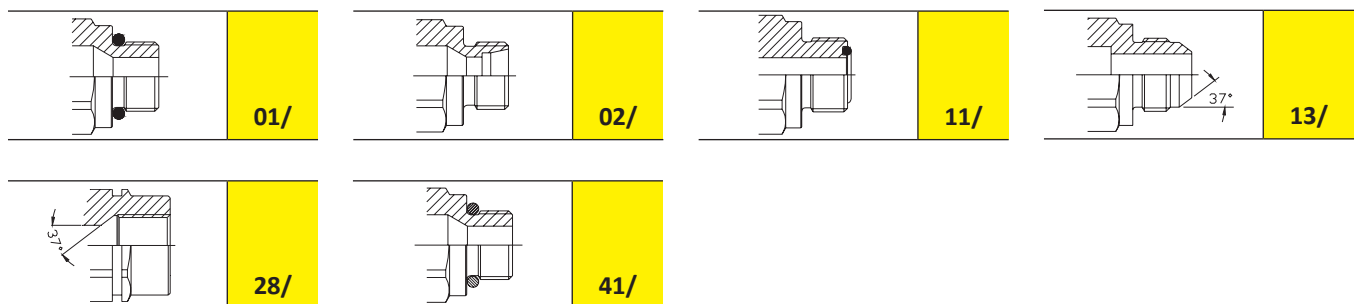
Valve Type	Poppet
Connection	
Disconnection	
Connection Under Pressure	

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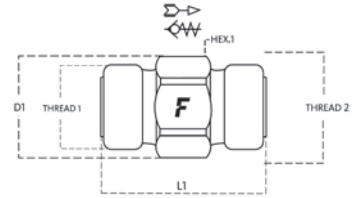


Thread details in the first line are referred to Thread 1, thread details in the second line are referred to Thread 2 - outlet.

Size		Thread details									Pressure	
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1		Cracking Pressure
						mm	inch	mm	inch	mm	inch	
6.3	1/4"	41/ METRIC	ISO 6149-2	M12X1.5 MALE	VUC41/AM-2/CM	55.5	2.19	21	0.83	19	0.75	35 kPa
		02/ METRIC	ISO 8434-1-L	M16x1.5 MALE 12L								
6.3	1/4"	02/ METRIC	ISO 8434-1-L	M18x1.5 MALE 12L	VUC2/DM-41/BM	32	1.26	21	0.83	19	0.75	35 kPa
		41/ METRIC	ISO 6149-2	M14X1.5 MALE								
10	3/8"	11/ SAE	ISO 8434-3	9/16" - 18 UNF MALE	VUC11/CS-1/ES E	31.6	1.24	21	0.83	19	0.75	200 kPa
		01/ SAE	ISO 11926-3	9/16"-18 UNF MALE								
10	3/8"	13/ SAE	ISO 8434-2	9/16"-18 UNF MALE JIC	VUC13/ES28/ESZZ	40.5	1.59	21	0.83	19	0.75	1900 kPa
		28/ SAE	ISO 8434-2	9/16"-18 UNF FEMALE								
10	3/8"	13/ SAE	ISO 8434-2	9/16"-18 UNF MALE JIC	VUC13/ES28/ESA2	40.5	1.59	21	0.83	19	0.75	20 kPa
		28/ SAE	ISO 8434-2	9/16"-18 UNF FEMALE								
10	3/8"	11/ SAE	ISO 8434-3	13/16"-16 UN MALE ORFS	VUC11/FS-11/ES	33.6	1.32	24	0.94	22	0.87	35 kPa
		11/ SAE	ISO 8434-3	11/16"-16 UN MALE ORFS								
10	3/8"	11/ SAE	ISO 8434-3	11/16"-16 UN MALE ORFS	VUC11/ES-41/BM	35.9	1.41	21	0.83	19	0.75	35 kPa
		41/ METRIC	ISO 6149-2	M14X1.5 MALE								
10	3/8"	11/ SAE	ISO 8434-3	11/16"-16 UN MALE ORFS	VUC11/ES-11/FS	33.6	1.32	24	0.94	22	0.87	35 kPa
		11/ SAE	ISO 8434-3	13/16"-16 UN MALE ORFS								
10	3/8"	11/ SAE	ISO 8434-3	11/16"-16 UN MALE ORFS	VUC11/ES-11/ES	33.6	1.32	21	0.83	19	0.75	35 kPa
		11/ SAE	ISO 8434-3	11/16"-16 UN MALE ORFS								
10	3/8"	11/ SAE	ISO 8434-3	11/16"-16 UN MALE ORFS	VUC11/ES-1/ES	32.6	1.28	21	0.83	19	0.75	35 kPa
		01/ SAE	ISO 11926-3	9/16"-18 UNF MALE								
10	3/8"	01/ METRIC	ISO 6149-2	M18x1.5 MALE	VUC1/DM-11/ES	41	1.61	26	1.02	24	0.94	35 kPa
		11/ SAE	ISO 8434-3	11/16"-16 UN MALE ORFS								
10	3/8"	01/ METRIC	ISO 6149-2	M14x1.5 MALE	VUC1/BM-11/ESA2	35.9	1.41	21	0.83	19	0.75	20 kPa
		11/ SAE	ISO 8434-3	11/16"-16 UN MALE ORFS								
12.5	1/2"	01/ SAE	ISO 11926-3	3/4"-16 UNF MALE	VUC1/FS-11/FSX	38.1	1.5	26	1.02	24	0.94	850 kPa
		11/ SAE	ISO 8434-3	13/16"-16 UN MALE ORFS								
12.5	1/2"	01/ SAE	ISO 11926-3	3/4"-16 UNF MALE	VUC1/FS-11/FSC	38.1	1.5	26	1.02	24	0.94	100 kPa
		11/ SAE	ISO 8434-3	13/16"-16 UN MALE ORFS								
12.5	1/2"	01/ METRIC	ISO 6149-2	M18x1.5 MALE	VUC1/DM-11/FSB1	43	1.69	26	1.02	24	0.94	70 kPa
		11/ SAE	ISO 8434-3	13/16"-16 UN MALE ORFS								
12.5	1/2"	01/ METRIC	ISO 6149-2	M18x1.5 MALE	VUC1/DM-11/FS	43	1.69	26	1.02	24	0.94	35 kPa
		11/ SAE	ISO 8434-3	13/16"-16 UN MALE ORFS								



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mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1		Cracking Pressure
						mm	inch	mm	inch	mm	inch	
20	3/4"	13/ SAE	ISO 8434-2	1-1/16"-12 UN MALE JIC	VUC13/HS13/HSA2	50	1.97	25	0.98	32	1.26	20 kPa
		13/ SAE	ISO 8434-2	1-1/16"-12 UN MALE JIC								
20	3/4"	01/ SAE	ISO 11926-3	1-1/16"-12 UN MALE	VUC1/HS-11/HSE	46.1	1.81	35	1.38	32	1.26	200 kPa
		11/ SAE	ISO 8434-3	1-3/16"-12 UN MALE ORFS								
25	1"	01/ BSPP	BS 5380	G 1"	VUS1/GG-1/GG G	60	2.36	45	1.77	41	1.61	300 kPa
25	1"	11/ SAE	ISO 8434-3	1-7/16"-12 UN MALE ORFS	VUC11/LS11/LSZC	50.5	1.99	42	1.65	38	1.5	1030 kPa
		11/ SAE	ISO 8434-3	1-7/16"-12 UN MALE ORFS								
25	1"	11/ SAE	ISO 8434-3	1-7/16"-12 UN MALE ORFS	VUC11/LS-11/LS	50.5	1.99	42	1.65	38	1.5	35 kPa
		11/ SAE	ISO 8434-3	1-7/16"-12 UN MALE ORFS								
25	1"	01/ METRIC	ISO 6149-2	M33x2 MALE	VUC1/MM-11/MSA1	72.6	2.86	54	2.13	48	1.89	15 kPa
		11/ SAE	ISO 8434-3	1-11/16"-12 UN MALE ORFS								
25	1"	01/ METRIC	ISO 6149-2	M33x2 MALE	VUC1/MM-11/MS	72.6	2.86	54	2.13	48	1.89	35 kPa
		11/ SAE	ISO 8434-3	1-11/16"-12 UN MALE ORFS								

