



VU

CHECK VALVES

Edition. 21.0

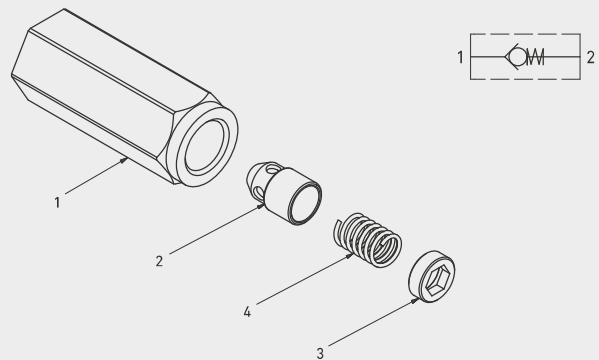
CS Carbon Steel

- Type: check valve
- Sizes: from DN6 up to DN50
- Ends: BSP-NPT-SAE
- Pressure: up to PN500
- Temp range: from -20°C to +100°C

SS Stainless Steel

- Type: check valve
- Sizes: from DN6 up to DN50
- Ends: BSP-NPT-SAE
- Pressure: up to PN500
- Temp range: from -30°C to +100°C

STANDARD COMPOSITION OF VALVE



POS	DESCRIPTION	Q.TY	CS	SS
			Carbon Steel	Stainless Steel
1	Body	1	1,0737	1,4404
2	Poppet	1	1,4749	1,4305
3	Ring	1	1,0737	1,4305
4	Spring	1	1,0116	1,4310



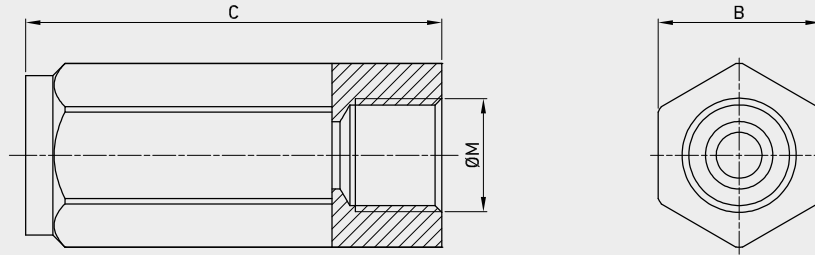
CODE DESCRIPTION STRUCTURE

			VU	G1/2	SS
Type and way of valve			VU check valves		
Ends					
GAS DIN/ ISO 228 BSP	NPT ANSI /ASME B1.20.1	SAE J1926-1			
G 1/4	N 1/4	SAE4			
G 3/8	N 3/8	SAE6			
G 1/2	N 1/2	SAE8			
G 3/4	N 3/4	SAE12			
G 1	N 1	SAE16			
G 1 1/4	N 1 1/4				
G 1 1/2	N 1 1/2				
G 2	N 2				
Material					
● CS carbon steel					
● SS stainless steel					

***On request**

- Special threads
- Pressure class up to PN500
- Spring closed: 1BAR - 3BAR - 5BAR - 8BAR

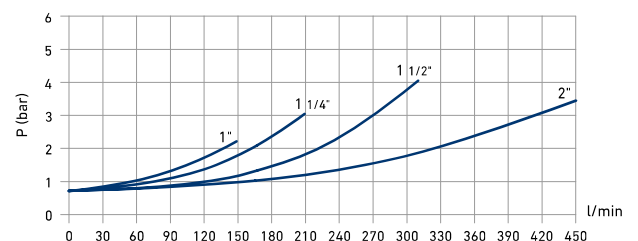
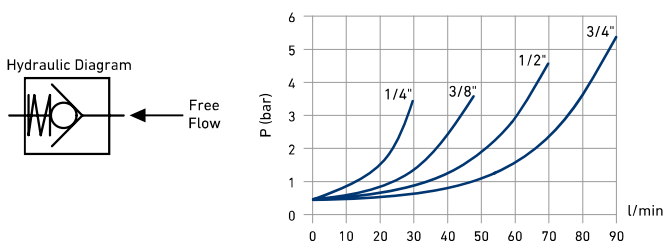
For further special requests please consult our technical/commercial service.



VU DIN ISO 228 BSP GAS

VU DIN ISO 228 BSP GAS												CS Carbon Steel	SS Stainless Steel		
TYPE	DN	PN		MAX FLOW L/m	CRACKING PRESSURE			B		C	ØM	WEIGHT	ITEM CODE		
VU G 1/4	6	MPa	50	15	MPa	0,04	0,07	mm	19	62	G 1/4	kg	0,11	GC2GGT150110000	GC2GGT150440000
		Psi	7250		Psi	5,8	10,15	inch		2,44		lb	0,24		
VU G 3/8	10	MPa	50	30	MPa	0,04	0,07	mm	24	68	G 3/8	kg	0,2	GC2GGT250110000	GC2GGT250440000
		Psi	7250		Psi	5,8	10,15	inch		2,68		lb	0,44		
VU G 1/2	13	MPa	50	50	MPa	0,04	0,07	mm	30	77	G 1/2	kg	0,35	GC2GGT350110000	GC2GGT350440000
		Psi	7250		Psi	5,8	10,15	inch		3,03		lb	0,77		
VU G 3/4	20	MPa	42	90	MPa	0,04	0,07	mm	36	88	G 3/4	kg	0,53	GC2GGT440110000	GC2GGT440440000
		Psi	6090		Psi	5,8	10,15	inch		3,46		lb	1,17		
VU G 1	25	MPa	42	150	MPa	0,04	0,07	mm	41	105	G 1	kg	0,75	GC2GGT530110000	GC2GGT530440000
		Psi	6090		Psi	5,8	10,15	inch		4,13		lb	1,65		
VU G 1 1/4	32	MPa	35	200	MPa	0,04	0,07	mm	55	135	G 1 1/4	kg	1,81	GC2GGT630110000	GC2GGT630440000
		Psi	5075		Psi	5,8	10,15	inch		5,31		lb	3,99		
VU G 1 1/2	40	MPa	35	300	MPa	0,04	0,07	mm	60	145	G 1 1/2	kg	2,2	GC2GGT730110000	GC2GGT730440000
		Psi	5075		Psi	5,8	10,15	inch		5,71		lb	4,85		
VU G 2	50	MPa	35	430	MPa	0,04	0,07	mm	75	175	G 2	kg	4,17	GC2GGT830110000	GC2GGT830440000
		Psi	5075		Psi	5,8	10,15	inch		6,89		lb	9,19		

PRESSURE DROP CURVES



VU ANSI/ASME B1.20.1 NPT

VU ANSI/ASME B1.20.1 NPT										CS Carbon Steel		SS Stainless Steel			
TYPE	DN	PN		MAX FLOW L/m	CRACKING PRESSURE			B		C	ØM	WEIGHT		ITEM CODE	
VU N 1/4	6	MPa	50	15	MPa	0,04	0,07	mm	19	62	N 1/4	kg	0,11	GC2NNT150110000	GC2NNT150440000
		Psi	7250		Psi	5,8	10,15	inch		2,44		lb	0,24		
VU N 3/8	10	MPa	50	30	MPa	0,04	0,07	mm	24	68	N 3/8	kg	0,2	GC2NNT250110000	GC2NNT250440000
		Psi	7250		Psi	5,8	10,15	inch		2,68		lb	0,44		
VU N 1/2	13	MPa	50	50	MPa	0,04	0,07	mm	30	77	N 1/2	kg	0,35	GC2NNT350110000	GC2NNT350440000
		Psi	7250		Psi	5,8	10,15	inch		3,03		lb	0,77		
VU N 3/4	20	MPa	42	90	MPa	0,04	0,07	mm	36	88	N 3/4	kg	0,53	GC2NNT440110000	GC2NNT440440000
		Psi	6090		Psi	5,8	10,15	inch		3,46		lb	1,17		
VU N 1	25	MPa	42	150	MPa	0,04	0,07	mm	41	105	N 1	kg	0,75	GC2NNT530110000	GC2NNT530440000
		Psi	6090		Psi	5,8	10,15	inch		4,13		lb	1,65		
VU N 1 1/4	32	MPa	35	200	MPa	0,04	0,07	mm	55	135	N 1 1/4	kg	1,81	GC2NNT630110000	GC2NNT630440000
		Psi	5075		Psi	5,8	10,15	inch		5,31		lb	3,99		
VU N 1 1/2	40	MPa	35	300	MPa	0,04	0,07	mm	60	145	N 1 1/2	kg	2,2	GC2NNT730110000	GC2NNT730440000
		Psi	5075		Psi	5,8	10,15	inch		5,71		lb	4,85		
VU N 2	50	MPa	35	430	MPa	0,04	0,07	mm	75	175	N 2	kg	4,17	GC2NNT830110000	GC2NNT830440000
		Psi	5075		Psi	5,8	10,15	inch		6,89		lb	9,19		

VU SAE J1926-1

■ VU SAE J1926-1										CS Carbon Steel		SS Stainless Steel			
TYPE	DN	PN		MAX FLOW L/m	CRACKING PRESSURE			B		C	ØM	WEIGHT	ITEM CODE		
VU SAE4	6	MPa	50	15	MPa	0,04	0,07	mm	19	62	N 1/4	kg	0,11	GC2EEE050110000	GC2EEE050440000
		Psi	7250		Psi	5,8	10,15					inch	2,44		
VU SAE6	10	MPa	50	30	MPa	0,04	0,07	mm	24	68	N 3/8	kg	0,2	GC2EEE150110000	GC2EEE150440000
		Psi	7250		Psi	5,8	10,15					inch	2,68		
VU SAE8	13	MPa	50	50	MPa	0,04	0,07	mm	30	77	N 1/2	kg	0,35	GC2EEE250110000	GC2EEE250440000
		Psi	7250		Psi	5,8	10,15					inch	3,03		
VU SAE12	20	MPa	42	90	MPa	0,04	0,07	mm	36	88	N 3/4	kg	0,53	GC2EEE340110000	GC2EEE340440000
		Psi	6090		Psi	5,8	10,15					inch	3,46		
VU SAE16	25	MPa	42	150	MPa	0,04	0,07	mm	41	105	N 1	kg	0,75	GC2EEE430110000	GC2EEE430440000
		Psi	6090		Psi	5,8	10,15					inch	4,13		