VU

CHECK VALVES

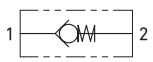
Edition. 21.3

CS Carbon Steel

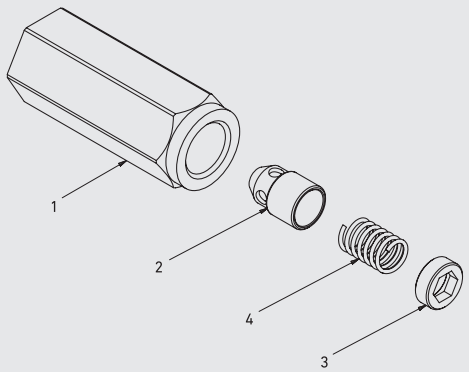
- Type: check valve
- Sizes: from DN6 up to DN50
- Ends: BSP-NPT-SAE
- Pressure: up to PN500
- Temp range: from -20°C to +100°C
- Treatment: Galvanized

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



Please note: the 2" SS version features a different design.

POS	DESCRIPTION	Q.TY	CS Carbon Steel	SS Stainless Steel
			MATERIAL	
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





Please note:
the 2" SS version features a different design.

CODE DESCRIPTION STRUCTURE

VU **G1/2** **SS**

Type and way of valve
VU check valves

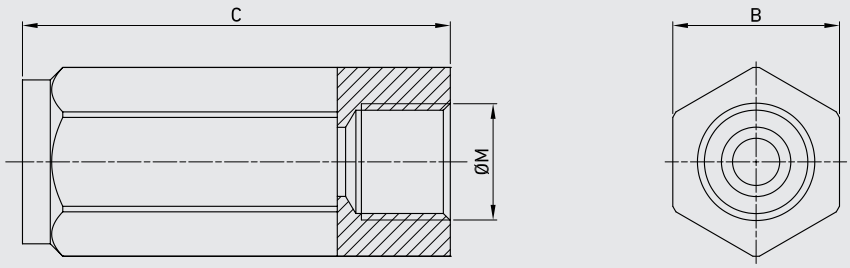
Ends

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: from 1 BAR up to 8 BAR

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



Please note: the 2" SS version features a different design.

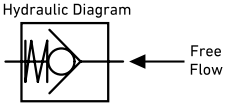
VU DIN ISO 228 BSP GAS

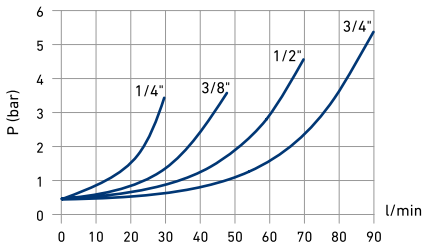
TYPE	DN	PN	MAX FLOW L/m	CRACKING PRESSURE	B	C	ØM	WEIGHT	ITEM CODE	
									CS Carbon Steel	SS Stainless Steel
VU G 1/4	6	MPa 50 / Psi 7250	15	MPa 0,04 0,07 / Psi 5,8 10,15	mm 19 / inch	62 / 2,44	G 1/4	kg 0,11 / lb 0,24	GC2GGT150110000	GC2GGT150440000
VU G 3/8	10	MPa 50 / Psi 7250	30	MPa 0,04 0,07 /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

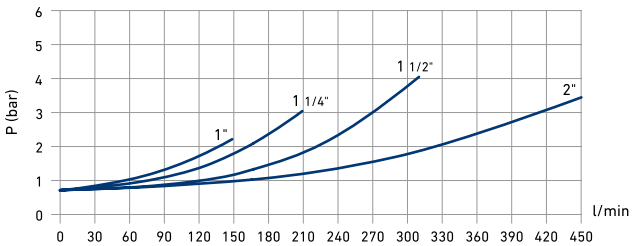
* Body from round bar.

PRESSURE DROP CURVES

Hydraulic Diagram







VU ANSI/ASME B1.20.1 NPT

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

* Body from round bar.

VU SAE J1926-1

TYPE	DN	PN	MAX FLOW L/m	CRACKING PRESSURE	B	C	ØM	WEIGHT	ITEM CODE (CS Carbon Steel)	ITEM CODE (SS Stainless Steel)
VU SAE4	6	MPa 50 Psi 7250	15	MPa 0,04 0,07 Psi 5,8 10,15	mm 19 inch	62 2,44	7/16 UNF	kg 0,11 lb 0,24	GC2EEE050110000	GC2EEE050440000
VU SAE6	10	MPa 50 Psi 7250	30	MPa 0,04 0,07 Psi 5,8 10,15	mm 24 inch	68 2,68	9/16 UNF	kg 0,2 lb 0,44	GC2EEE150110000	GC2EEE150440000
VU SAE8	13	MPa 50 Psi 7250	50	MPa 0,04 0,07 Psi 5,8 10,15	mm 30 inch	77 3,03	3/4 UNF	kg 0,35 lb 0,77	GC2EEE250110000	GC2EEE250440000
VU SAE12	20	MPa 42 Psi 6090	90	MPa 0,04 0,07 Psi 5,8 10,15	mm 36 inch	88 3,46	1-1/16 UN	kg 0,53 lb 1,17	GC2EEE340110000	GC2EEE340440000
VU SAE16	25	MPa 42 Psi 6090	150	MPa 0,04 0,07 Psi 5,8 10,15	mm 41 inch	105 4,13	1-5/16 UN	kg 0,75 lb 1,65	GC2EEE430110000	GC2EEE430440000

The company reserves the right to operate dimensional changes without prior notice.