

Carbon steel check valves

Swing type

VTC line

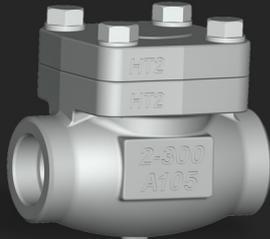


Art. no: VT601-DF (double flange)

Art. no: VT601-SC (screwed ends)

Art. no: VT601-BW (butt welded)

Art. no: VT601-SW (socket ends)



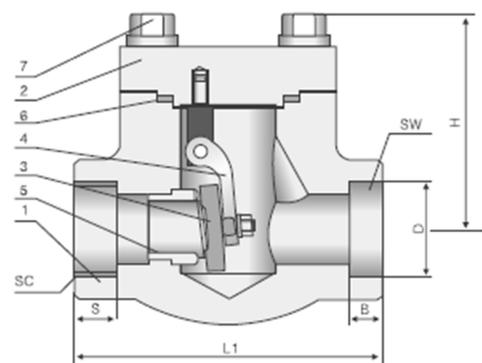
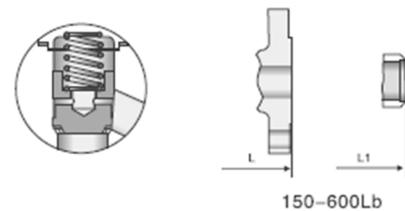
DN 3/8" - 2" (DN 10-50)
class 150 # - class 600#

- bolted /welded cover
- seat ring integral with body
- horizontal installation
- vertical installation

Technical information

Design standard	API 602, ASME B16.34
Ends	ASME B 16.5, ASME B 16.25, ASME B 16.11, ASME B1.20.1
Face to face dimensions	manufacturer standard, ASME 16.10
Pressure test	API 598

No	Part Name	Carbon steel C-Si
1	Body	A105
2	Cover	A105
3	Disc	A182-F6a
4	Hinge	A276-410
5	Seat	A276-410
6	Gasket	Graphite+304
7	Stud	A193-B7



Carbon steel forged check valves

Swing type

VTC line



Art. no: VT601-DF (double flange)

Art. no: VT601-SC (screwed ends)

Art. no: VT601-BW (butt welded)

Art. no: VT601-SW (socket ends)



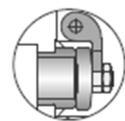
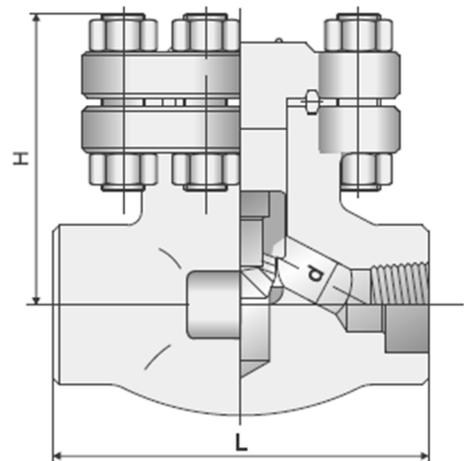
DN 1/4" - 2"
Class 900# - class 1500#

- bolted /welded cover
- seat ring integral with body
- horizontal installation
- vertical installation

Technical information

Design standard	API 602, ASME B16.34
Ends	ASME B 16.5, ASME B 16.25, ASME B 16.11, ASME B1.20.1
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DN 3/8" - 2" (DN 10–50) class 150# - class 600#

NPS	DN	Unit	L1	L (Flange ends)			d	SW		SC		H	wt kg
				150#	300#	600#		D	B	NPT	S		
3/8	10	in	3.12	4	6	6.5	0.354	0.693	0.378	3/8	0.54	2.40	3.8/2.8
3/8	10	mm	79	102	152	165	10	17.6	9.6		13.6	61	
1/2	15	in	3.12	4.25	6	6.5	0.354	0.858	0.378	1/2	0.535	2.40	5.6/3.4
1/2	15	mm	79	108	152	165	10	21.8	9.6		13.6	61	
3/4	20	in	3.62	4.62	7	7.5	0.512	1.067	0.500	3/4	0.547	2.40	7.8/4.7
3/4	20	mm	92	117	178	190	13	27.1	12.7		13.9	61	
1	25	in	4.38	5	8	8.5	0.689	1.331	0.500	1	0.681	3.07	12.5/9.2
1	25	mm	111	127	203	216	17.5	33.8	12.7		17.3	78	
1 1/4	32	in	4.75	5.5	8.5	9	0.906	1.677	0.500	1 1/4	0.709	3.31	17/10.5
1 1/4	32	mm	120	140	216	229	23	42.6	12.7		18	84	
1 1/2	40	in	4.75	6.5	9	9.5	1.142	1.917	0.500	1 1/2	0.724	4.72	23.5/13
1 1/2	40	mm	120	165	229	241	30	48.7	12.7		18.4	120	
2	50	in	5.5	8	10.5	11.5	1.378	2.406	0.626	2	0.756	4.72	39/19
2	50	mm	140	203	267	292	35	61.1	15.9		19.2	120	

Carbon steel check valves

VTC line

DN 1/4" - 2" class 900# - 1500#

NPS	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L mm	110	110	110	110	150	150	210	235
H mm	166	166	171	207	240	258	330	355
d mm	9	10	12	15	20	28	32	40
d mm	8	10.5	13.5	18	24	29	36.5	45
wt kg	2	2.1	1.9	4	5.1	7.2	12.1	14
wt kg	1.9	2.3	2.3	4.35	5.25	7.8	12.5	14.6