

Carbon steel globe valve

Metal seated with rising/non-rising stem

VTC line



Art. no: VT701-DF (double flange)

Art. no: VT701-SC (screwed ends)

Art. no: VT701-BW (butt welded)

Art. no: VT701-SW (socket ends)



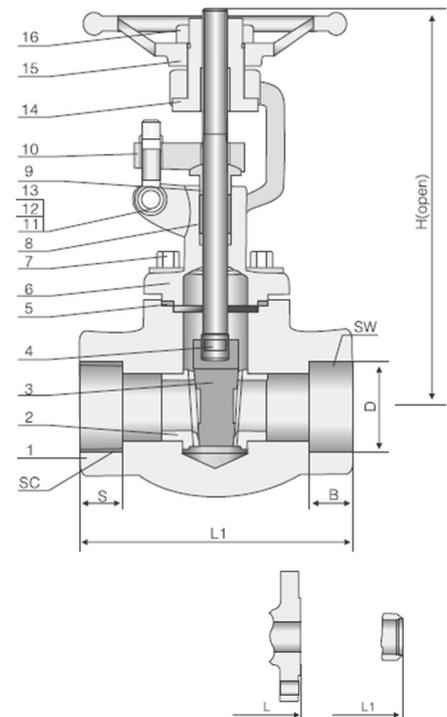
DN 3/8" - 2" (DN 10-50)
class 150 # - class 600#

- OS&Y, yoke integral with bonnet
- bolted /welded bonnet
- seat ring integral with body
- yoke intergral with bonnet
- horizontal instalation
- loose disc—plug or ball

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
Actuating	manual, electrical, pneumatic

No	Part Name	Carbon steel C-Si
1	Body	A105
2	Bonnet	A105
3	Wedge	A182-F6a
4	Stem	A276-410
5	Seat Ring	A276-410
6	Bonnet Gasket ¹	Graphite+304
7	Bonnet Stud	A193-B7
8	Packing	Graphite
9	Gland	A276-410
10	Gland Flange	A105
11	Eyebolt Pin	A276-410
12	Eyebolt	A193-B7
13	Eyebolt Nut	A194-2H
14	Yokesleeve	A276-410
15	Handwheel	Malleable Iron
16	Handwheel nut	Carbon Steel



NOTE:
1) spiral wound construction

Carbon steel globe valve

Metal seated with rising/non-rising stem

VTC line



Art. no: **VT701-DF** (double flange)

Art. no: **VT701-SC** (screwed ends)

Art. no: **VT701-BW** (butt welded)

Art. no: **VT701-SW** (socket ends)



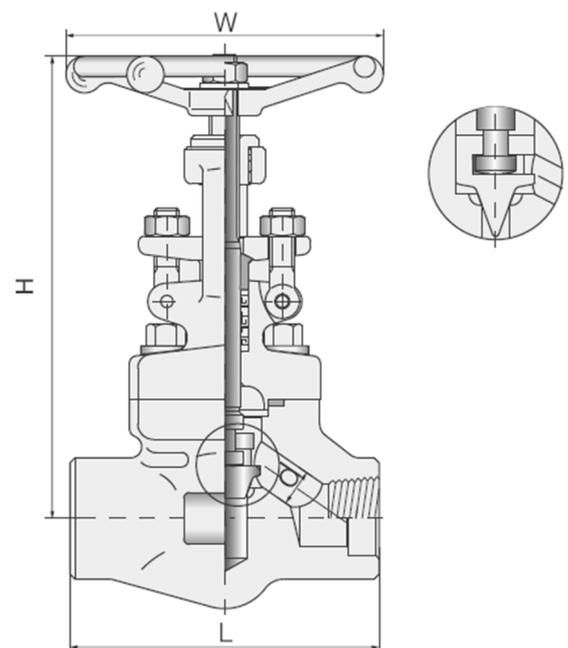
DN 1/4" - 2"
Class 900# - class 1500#

- OS&Y, yoke integral with bonnet
- bolted /welded bonnet
- seat ring integral with body
- yoke intergral with bonnet
- horizontal instalation
- loose disc—plug or ball

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
Actuating	manual

No	Part Name	Carbon steel C-Si
1	Body	A105
2	Bonnet	A105
3	Wedge	A182-F6a
4	Stem	A276-410
5	Seat Ring	A276-410
6	Bonnet Gasket ¹	Graphite+304
7	Bonnet Stud	A193-B7
8	Packing	Graphite
9	Gland	A276-410
10	Gland Flange	A105
11	Eyebolt Pin	A276-410
12	Eyebolt	A193-B7
13	Eyebolt Nut	A194-2H
14	Yokesleeve	A276-410
15	Handwheel	Malleable Iron
16	Handwheel nut	Carbon Steel



NOTE:
1) spiral wound construction

Carbon steel forged globe valves

VTC line

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

NPS	DN	Unit	L1	L (Flange ends)			d	SW		SC		H open	D0	wt kg
				150# 300# 600#				D	B	NPT	S			
3/8	10	in	3.12	4	6	6.5	0.394	0.693	0.378	3/8	0.535	6	4	4.5/4
3/8	10	mm	79	102	152	165	10	17.6	9.6	3/8	13.6	151	100	
1/2	15	in	3.12	4.25	6	6.5	0.394	0.858	0.378	1/2	0.535	6	4	5.1/4
1/2	15	mm	79	108	152	165	10	21.8	9.6	1/2	13.6	151	100	
3/4	20	in	3.62	4.62	7	7.5	0.531	1.067	0.5	3/4	0.547	6.25	4	8.2/4.3
3/4	20	mm	92	117	178	191	13.5	27.1	12.7	3/4	13.9	158	100	
1	25	in	4.38	5	8	8.5	0.709	1.331	0.5	1	0.681	7.25	5	10.5/6.6
1	25	mm	111	127	203	216	18	33.8	12.7	1	17.3	185	125	
1 1/4	32	in	4.75	5.5	8.5	9	0.945	1.677	0.5	1 1/4	0.709	9.38	6.25	12.4/9.5
1 1/4	32	mm	120	140	216	229	24	42.6	12.7	1 1/4	18	239	160	
1 1/2	40	in	4.75	6.5	9	9.5	1.181	1.917	0.5	1 1/2	0.724	9.5	6.25	20.1/11
1 1/2	40	mm	120	165	229	241	30	48.7	12.7	1 1/2	18.4	243	160	
2	50	in	5.5	7	10.5	11.5	1.437	2.406	0.626	2	0.756	11	7	28/14.5
2	50	mm	140	178	267	292	36.5	61.1	15.9	2	19.2	279	180	

Carbon steel forged globe valves

VTC line

DN 1/4" - 2" class 900# - 2500#

NPS	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L in	92	111	111	120	120	140	178	180
H in	191	191	192	219	243	296	316	370
d in	8	10	13	18	24	29	36	45
W in	100	125	125	160	160	180	200	220
wt kg	2.4	4.3	4.4	6	7.2	11.4	16	23