

Stainless steel globe valve

Bolted bonnet rising stem

VTC line



Art. no: **VT72-DF** (double flange)

Art. no: **VT72-BW** (butt welded ends)



DN 2" - 16" (DN 50-400)
class150#

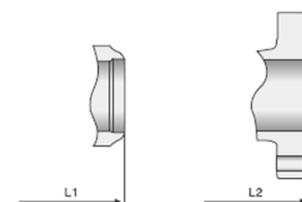
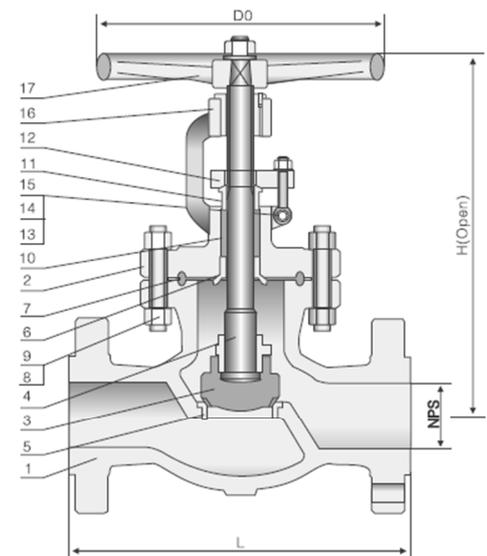
DN 1/2"-12" (DN 50-300)
Class 300# - class 600#

- straight pattern body design
- OS&Y, yoke integral with bonnet
- bolted bonnet
- seat ring integral with body
- impact handwheel 10" and above
- horizontal instalation
- loose disc—plug or ball

Technical information

Design standard	API 603, ASME B 16.34
Flange standard /welded ends	ASME B 16.5, ASME B 16.25
Face to face dimensions	ASME B 16.10
Pressure test	API 598
Actuating	manual, electrical, pneumatic

No	Part Name	ASTM 18Cr-18Ni	ASTM 18Cr-9Ni-2Mo	ASTM 17Cr-9Ni-2Mo
1	Body	A351-CF8	A351-CF8M	A351-CF3M
2	Bonnet	A351-CF8	A351-CF8M	A351-CF3M
3	Disc	A351-CF8	A351-CF8M	A351-CF3M
4	Stem	A182-F304	A182-F316	A182-F316L
5	Bonnet Gasket	Graphite+304	Graphite+316	Graphite+316L
6	Bonnet Stud	A193-B8	A193-B8M	A193-B8M
7	Bonnet Stud Nut	A194-8	A194-8M	A194-8M
8	Packing	Graphite	Graphite	Graphite
9	Gland	A276-304	A276-316	A276-316L
10	Gland Flange	A351-CF8	A351-CF8M	A351-CF8M
11	Eyebolt Pin	A276-304	A276-316	A276-316
12	Eyebolt	A193-B8		
13	Eyebolt Nut	A194-8		
14	Yokesleeve	Aluminum-Bronze		
15	Handwheel	Malleable Iron		



Stainless steel globe valves

VTC line

DN 1/2" - 16" (DN 15-400) class 150#

NPS	DN	L1/L (RF/BW) in	L1/L (RF/BW) mm	L2 (RTJ)	L2 (RTJ)	H (open) in	H (open) mm	Do in	Do mm	wt RF kg	wt BW kg
1/2	15	4.25	108			7	180	4	100	3	2.5
3/4	20	4.62	117			7.5	190	4	100	3.5	3
1	25	5	127			8.25	210	4	100	4.5	4
1 1/2	40	6.5	165			9.25	235	6	140	11	8
2	50	8	203	8.5	216	15	380	7	180	18	14
2 1/2	65	8.5	216	9	229	21	535	10	240	30	22
3	80	9.5	241	10	254	17.5	445	11	280	41	33
4	100	11.5	292	12	305	20.25	515	11	280	64	43
6	150	16	406	16.5	419	22	560	13	320	86	72
8	200	19.5	495	20	508	24.25	615	13	320	110	88
10	250	24.5	622	25	635	32	815	16	400	280	245
12	300	27.5	698	28	711	35.88	910	18	450	380	345
14	350	31	787	31.5	800	48.38	1230	20	500	510	450
16	400	36	914	36.5	927	57	1450	24	600	740	665

Carbon steel gate valves

VTC line

DN 1/2" - 12" (DN 15-300) class 300#

NPS	DN	L1/L (RF/BW) in	L1/L (RF/BW) mm	L2 (RTJ)	L2 (RTJ)	H (open) in	H (open) mm	Do in	Do mm	wt RF kg	wt BW kg
1/2	15	6	152			7	180	4	100	4	3
3/4	20	7	178			7.5	190	4	100	4.5	3.5
1	25	8	203			8.25	210	6	100	6	5
1 1/2	40	9	229			9.25	235	8	140	15	12
2	50	10.5	267	11.12	282	16.75	425	10	200	25	20
2 1/2	65	11.5	292	12.12	308	19	485	12	240	32	22
3	80	12.5	318	13.12	333	19.88	505	14	280	38	27
4	100	14	356	14.62	371	22.5	570	16	320	56	41
6	150	17.5	444	18.12	460	25.25	640	18	400	96	75
8	200	22	559	22.62	575	33.25	845	20	450	150	117
10	250	24.5	622	25.12	638	35.5	900	24	500	360	310
12	300	28	711	28.62	727	38.62	980	24	600	550	492

Stainless steel globe valves

DN 1/2" - 12" (DN 15-300) class 600#

VTC line

NPS	DN	L1/L (RF/BW) in	L1/L (RF/BW) mm	L2 (RTJ) in	L2 (RTJ) mm	H (open) in	H (open) mm	Do in	Do mm	wt RF kg	wt BW kg
1/2	15	6.5	165			7.25	185	4	100	4.8	6
3/4	20	7.5	190			7.62	195	4	100	6.2	8
1	25	8.5	216			9	230	8	140	9.5	14
1 1/2	40	9.5	241			11	280	10	200	16.5	23
2	50	11.5	292	11.62	295	17.5	445	11	240	27	35
2 1/2	65	12.5	330	13.12	333	19.75	500	11	280	34	50
3	80	14	356	14.12	359	21	533	13	320	42	60
4	100	17	432	17.12	435	24.5	622	16	400	84	110
6	150	22	559	22.12	562	29.5	750	18	450	192	230
8	200	26	660	26.12	663	36.5	927	20	500	350	410
10	250	31	787	31.12	790	44.88	1140	24	600	680	770
12	300	33	838	33.12	841	53.12	1350	24	600	1030	1140