

Stainless steel gate valves

Metal seated with rising stem

VTC line



Art. no: VT42-DF (double flange)

Art. no: VT42-BW (butt welded ends)



DN 1/2" - 16" (DN 15-400)
class150 #-class 300#

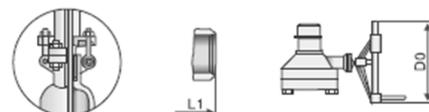
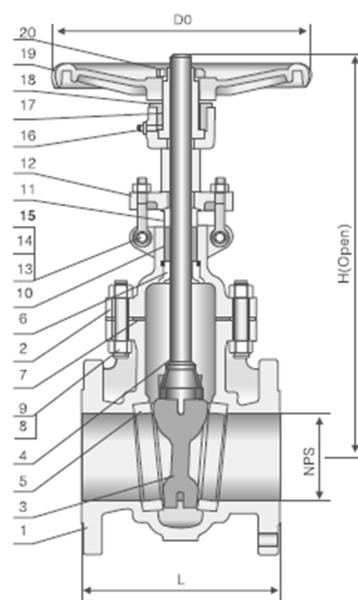
DN 1/2" - 16" (DN 15-400)
Class 600#

- outside screw and yoke (OS&Y)
- bolted bonnet
- renewable seat ring
- full bore design
- flexible guided wedge
- solid or splited wedge
- forged T-head stem

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	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	Wedge	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	A193-B8	A193-B8
13	Eyebolt Nut	A194-8	A194-8	A194-8
14	Grease Fitting	Carbon steel Ni Plated		
15	Yokesleeve	Aluminum-Bronze	Aluminum-Bronze	Aluminum-Bronze
16	Yokesleeve (Jam Nut)	A276-304		
17	Handwheel	Malleable Iron		
18	Handwheel Nut	Carbon Steel		



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DN 1/2" - 16" (DN 15–400) class 150#

NPS	DN	L (RF) in	L (RF) mm	L1 (BW) in	L1 (BW) mm	H in	H mm	Do in	Do mm	wt (RF) kg	wt (BW) kg
1/2	15	4,25	108	4,25	108	8,25	210	4	100	3	2,5
3/4	20	4,62	117	4,62	117	8,5	215	5	100	3,5	3
1	25	5	127	5,5	140	9,25	235	6	140	5,5	4
1 1/2	40	6,5	165	7	178	11,75	300	8	140	9,2	8
2	50	7	178	7,5	191	15,25	388	8	200	15	12,5
2 1/2	65	7,5	190	8	203	17	434	10	200	21	15
3	80	8	203	8,5	216	18,88	480	12	250	25	19
4	100	9	229	9,5	242	23	584	14	300	42	34
6	150	10,5	267	11	280	30,5	765	16	350	64,5	58
8	200	11,5	292	12	305	37,62	956	18	400	101	90
10	250	13	330	13,5	343	45,5	1149	20	450	149	130,5
12	300	14	356	14,5	369	53,12	1350	22	500	221	207
14	350	15	381	15,5	394	59,38	1508	30	550	303	275
16	400	16	406	16,5	419	67	1703	32	600	387	355

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DN 1/2" - 16" (DN 15–400) class 300#

NPS	DN	L (RF) in	L (RF) mm	L1 (BW) in	L1 (BW) mm	H in	H mm	Do in	Do mm	wt (RF) kg	wt (BW) kg
1/2	15	5,5	140			6,34	161	4	100	2,7	3,3
3/4	20	6	152			6,42	163	4	100	3,5	4
1	25	6,5	165			7,72	196	6	140	4,7	6,5
1 1/2	40	7,5	190			9,88	251	6	140	8,5	10,5
2	50	8	216	9,12	232	16,12	410	8	200	14,5	20
2 1/2	65	9	241	10,12	257	17,88	453	8	200	22,5	30
3	80	11,12	283	11,75	298	20	509	10	250	33	43
4	100	12	305	12,62	321	24	612	10	250	45,5	61
6	150	15,88	403	16,5	419	31,75	805	14	350	97	123
8	200	16,5	419	17,12	435	39,38	1000	16	400	140	179
10	250	18	457	18,62	473	47,62	1210	18	450	219	276
12	300	19,75	502	20,38	518	55,75	1415	20	500	334	413
14	350	30	762	30,62	778	62,25	1580	22	550	484	585
16	400	33	838	33,62	854	67,88	1725	22	550	689	813

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DN 1/2" - 16" (DN 15–400) class 600#

NPS	DN	L (RF) in	L (RF) mm	L1 (BW) in	L1 (BW) mm	H in	H mm	Do in	Do mm	wt (RF) kg	wt (BW) kg
1/2	15	6,5	165			6,34	161	4	100	4,5	3,7
3/4	20	7,5	190			6,42	163	6	100	5,5	4,2
1	25	8,5	216			7,72	196	8	140	8,5	6,5
1 1/2	40	9,5	241			9,88	251	10	140	16,5	9,5
2	50	11,5	292	11,62	295	16,5	418	12	200	32	26
2 1/2	65	13	330	13,12	333	18,76	476	18	250	46	37
3	80	14	356	14,12	359	20,38	518	20	250	59	47
4	100	17	432	17,12	435	25,5	646	24	300	99	74
6	150	22	559	22,12	562	33	840	18	450	151	111
8	200	26	660	26,12	664	40,38	1025	20	500	348	275
10	250	31	787	31,12	791	48,38	1230	24	600	540	418
12	300	33	838	33,12	841	57	1450	24	600	789	647
14	350	35	889	35,12	892	62	1575	24	600	1103	935
16	400	39	991	39,12	994	70,62	1795	24	600	1359	1098