



Gate valve



Globe valve



Check valve



Ball valves

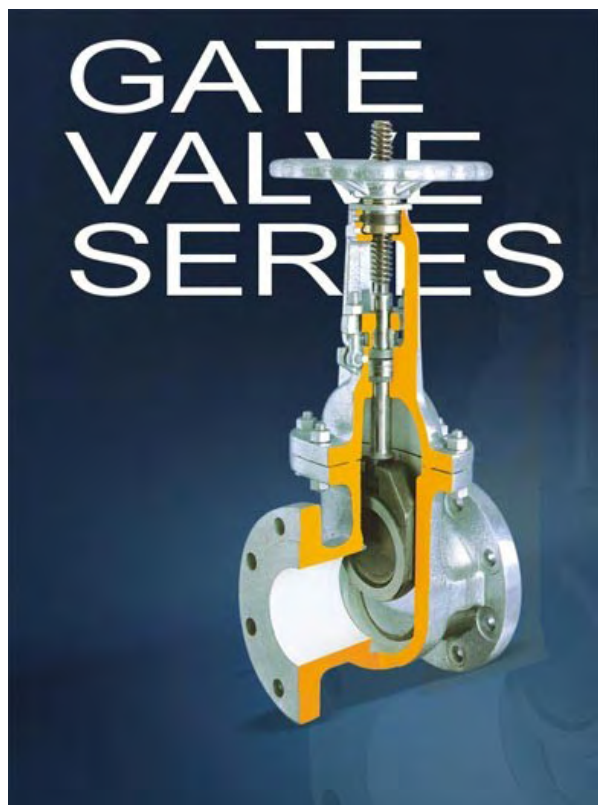


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150Lb Gate valve

Class150 Gate valves

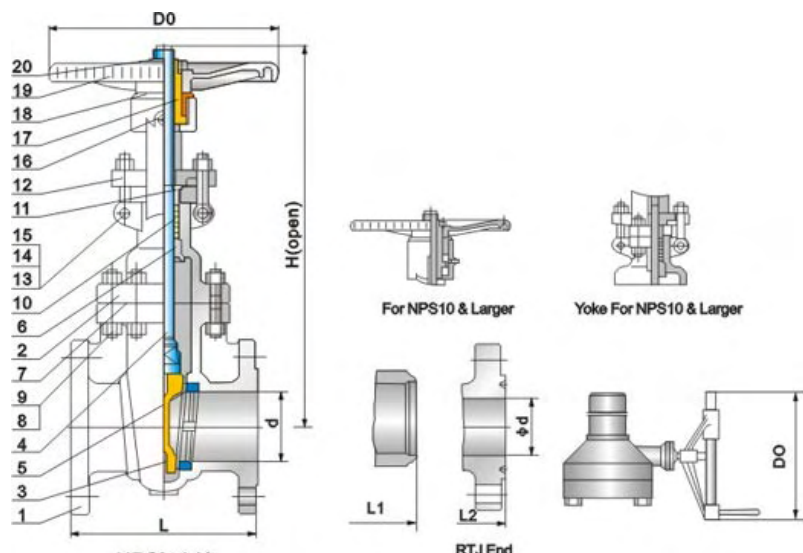


Applicable standards:

Steel gate valves, API 600 / API 6D
Steel gate valves, ISO 10434 / ISO 14313
Steel valves, ASME B16.34
Face to face, ASME B16.10
Flanges end, ASME B16.5
Buttwelding ends, ASME B16.25
Inspection and test, API 598 / API 6D

Design description:

Full port design
O&Y, outside screw and yoke
BB, Bolted bonnet
Flexible wedge, fully guided
Choice of solid or split wedge



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ABOUT PRODUCTS

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NEW PRODUCT

150Lb Gate valve Materials of parts

No	Part Name	ASTM Material		
		Carbon Steel	1 ¼Cr-½Mo	Carbon Steel
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Bonnet	A216-WCB	A217-WC6	A352-LCB
3	Wedge	A216-WCB+CR13	A217-WC6+HF	A352-LCB+CR13
4	Stem	A182-F6a	CR-MO-V	A182-F6a
5	Seat Ring	A105+CR13	A182-F11+HF	A350-LF2+CR13
6	Stem Back Seat	A276-420	A276-304	A276-420
7	Bonnet Gasket	Spiral Wound (Graphite+304)		
8	Bonnet Stud	A193-B7	A193-B16	A320-L7
9	Bonnet Stud Nut	A194-2H	A194-7	A194-4
10	Packing	Graphite		
11	Gland	A276-420	A276-304	A276-420
12	Gland Flange	A216-WCB	A217-WC6	A352-LCB
13	Eyebolt Pin	Carbon Steel	A276-420	Carbon Steel
14	Eyebolt	Carbon Steel	A193-B7	Carbon Steel
15	Eyebolt Nut	Carbon Steel	A194-2H	Carbon Steel
16	Grease Fitting	Brass+Steel		
17	Yokesleeve	Aluminum-Bronze ¹⁾		
18	Yokesleeve Jam Nut	Carbon Steel		
19	Handwheel	Malleable Iron		
20	Handwheel Nut	Carbon Steel		

Note: 1).Ductile Ni-Resist optional

2).Wedge and seat ring may either be solid facing material or a base material equal to or better than the body/bonnet material with facing as shown.

Class150 Gate valve Dimensions data

NPS DN	2 50	2½ 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	26 650	28 700	30 750	32 800	36 900	40 1000	42 1050	48 1200	in mm
ANSI Class 150Lb																						
L (RF)	7.00 178	7.50 191	8.00 203	9.00 229	10.50 267	11.50 292	13.00 330	14.00 356	15.00 381	16.00 406	17.00 432	18.00 457	20.00 508	22.00 559	24.00 610	24.00 610	28.00 711	28.00 711	32.00 813	32.00 813	42.00 1067	in mm
L1 (BW)	8.5 216	9.50 241	11.12 283	12.00 305	15.88 403	16.50 419	18.00 457	19.75 502	22.50 572	24.00 610	26.00 660	28.00 711	32.00 813	34.00 864	36.00 914	36.00 914	38.00 965	40.00 1016	42.00 1067	45.00 1143	53.97 1371	in mm
L2 (RTJ)	7.48 190	7.99 203	8.50 216	9.48 241	10.98 279	12.00 305	13.50 343	14.48 368	15.51 394	16.49 419	17.51 445	18.50 470	20.51 521	- -	- -	24.48 622	- -	28.50 724	- -	- -	- -	in mm
H (OPEN)	15.25 388	17.00 434	18.88 480	23.00 584	30.50 765	37.62 956	45.50 1149	53.12 1350	59.38 1508	67.00 1703	74.50 1892	83.50 2119	98.25 2500	110.50 2808	116.50 2960	124.00 3150	129.00 3280	146.50 3720	130.00 3302	136.96 3479	161.70 3962	in mm
(d)	50 8	63 8	76 10	100 12	150 12	200 14	250 16	300 18	336 20	387 22	438 24	488 26	590 29	641 32	692 32	743 38	781 40	876 40.15				