



Gate valve



Globe valve



Check valve



Ball valves

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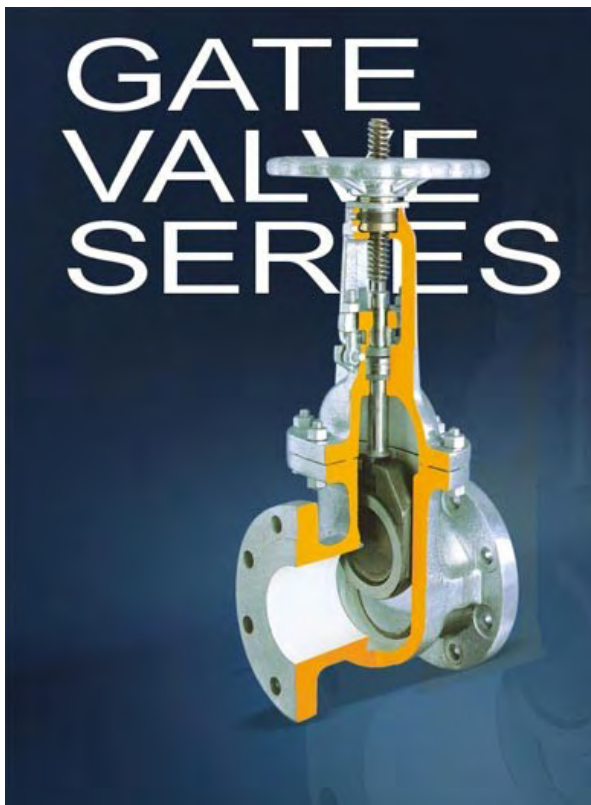


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600Lb Gate valve

Gate valve 600Lb



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
- OI & Y, outside screw and yoke
- BB, Bolted bonnet
- Flexible wedge, fully guided
- Choice of solid or split wedge
- Renewable seat rings
- Forged T-head stem
- Rising stem and non-rising handwheel
- Flanged or buttwelding ends
- Available with bg operator

PRODUCT CATALOG

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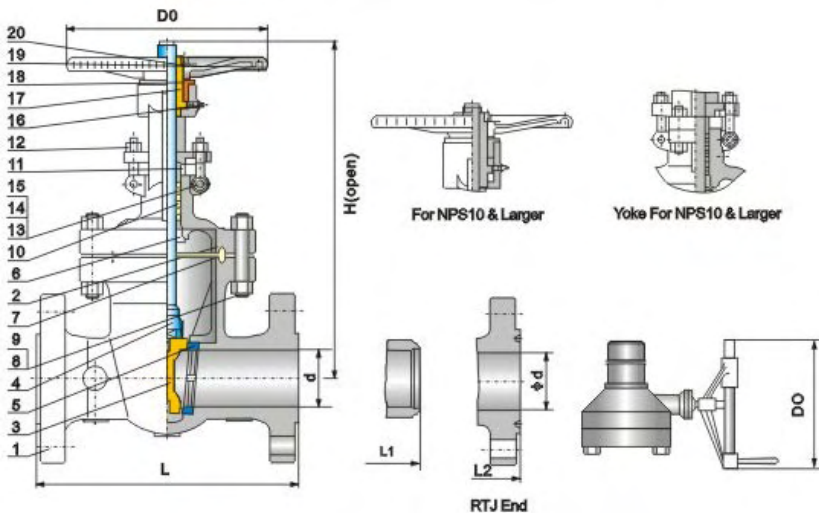
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NEW PRODUCT



600Lb Gate valve Materials of parts

No	Part Name	ASTM Material		
		Carbon Steel	1 ¹ / ₄ Cr-1 ¹ / ₂ Mo	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	Steel Ring	304SS Ring	Steel Ring
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 ^u	
18	Yokesleeve Jam Nut		Carbon Steel	
19	Handwheel		Malleable Iron	
20	Handwheel Nut		Carbon Steel	

Note: 1).Gate valve 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.

Gate valve 600Lb Dimensions data

NPS	2	2 1/2	3	4	6	8	10	12	14	16	18	20	24	26	28	30	32	36	40	42	48	In
DN	50	65	80	100	150	200	250	300	350	400	450	500	600	650	700	750	800	900	1000	1050	1200	mm
ANSI Class 600Lb																						
L/L1 (RF/BW)	11.50 292	13.00 330	14.00 356	17.00 432	22.00 559	26.00 660	31.00 787	33.00 838	35.00 889	39.00 991	43.00 1092	47.00 1194	55.00 1397	57.00 1448	61.00 1549	65.00 1651	70.00 1778	82.00 2083	84.60 2149	88.97 2260	105.00 2667	in mm
L2 (RTJ)	11.62 295	13.12 333	14.12 359	17.12 435	22.12 562	26.12 664	31.12 791	33.12 841	35.12 892	39.12 994	43.12 1095	47.25 1200	55.38 1407	57.50 1461	61.50 1562	65.50 1664	70.62 1794	82.62 2099	-	-	-	in mm
H (OPEN)	16.50 418	18.75 476	20.38 518	25.50 646	33.00 840	40.38 1025	48.38 1230	57.00 1450	62.00 1575	70.62 1795	76.00 1930	87.00 2210	101.50 2580	105.00 2665	109.50 2780	114.00 2895	124.00 3150	140.00 3560	141.73 3600	155.51 3950	181.10 4600	in mm
(d)	50	63	76	100	150	199	247	298	326	374	419	463	558	603	648	695	781	876	-	-	-	mm
D0	8	10	10	12	18	20	24	24	24	24	26	26	29	29	32	32	38	40	28.34	28.34	28.34	in mm
WT (kg)	36 29	52 42	67 53	112 83	170 125	393 310	610 472	890 730	1245 1055	1530 1240	1965 1625	2450 2030	2995 2855	3475 3065	3725 3440	4045 3780	4185 4085	4480	14300	16400	22900	RF/RTJ BW
Toqure	23	-	50	68	183	270	479	650	988	1243	1512	2185	3053	-	-	5452	-	7675	-	-	-	mm

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