Gate Valve, BB, CS



Design

The cast steel gate valves are designed and manufactured to provide maximum service life and dependability. All gate valves are full ported and meet the design requirements of American Petroleum Institute standard API600&API 6D,British standard BS1414& BS EN 1984 and generally, conform to American Society of Mechanical Engineers standard ASME B16.34. Valves are available in a complete range of body/bonnet materials and trims.

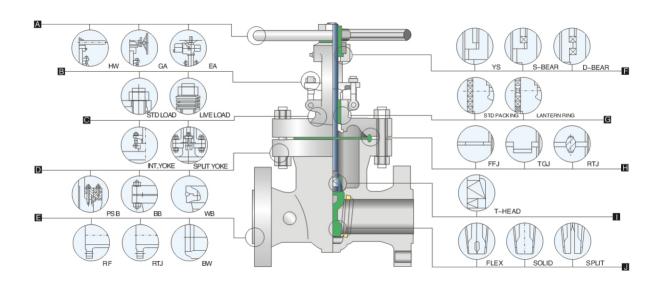
Ranges of materials

Standard body/bonnet materials include nine grades of carbon, low alloy and stainless steels. For special applications they can be supplied in other grades of alloy and stainless steel. There's a full range of trim materials to match any service optional packing and gasket materials are available for a full range of service conditions.

Available Modifications

Trim Changes
End Connection Modifications
Packing and Gasket Change
Operator Mounting
Handwheel Extensions

Pressure Equalizing
By-Pass
Customer Specified Coatings
Weld End Bore Changes
Oxygen & Chlorine Clearing & Packaging



△Operation

Large handwheels for easy operation.also avaliable with gearing.motor actuators, pneumatic or hydraulic actuators for more difficult services.

Live Load Packing

In services requiring frequent cycling or with high pressure/temperature variations,live/bading extends the service life between maintenance periods by requiring less stments. Belleville springs are employed to provide constant packing gland stress.

COS&Y

Outside screw and yoke. Cast steel gate valve yoke integral with bonnet for 150Lb-8" 600Lb-6", 900Lb-4"&small.

DBB

bolted bonnet .welding bonnet and pressure seal bonnet in services requiring frequent cycling or with high pressure/temperature variations.

End Connections

A choice of flanged, RTJ flanged or buttwelding end for piping flexibility.

☐ Yokesleeve

Extra long thread engagement between yoke sleeve and stem provide long thread life.valves of sizes larger than 150Lb–12", 300Lb–10",600Lb–6", 900Lb/1500Lb/2500Lb–4" are regularly provided with roll bearing yokes.

C Lantern Ring And Double Packing Set

lantern ring leak—off fitting connection and double packing stack is optionally avaliable for critical services.

■Body-to-Bonnet Joint

A flat face gasket joint is used in the 150lb valves. A male and female joint is used in 300lb to 600lb valves.ring joint is used in the body to bonnet connections in 900lb & higher rated valves.

■ Stem

All wedge gate valves are provided with upset forged T-head stems. By forging the T-head, the stem at the stem-wedge connection is stregthened, this design also allows the wedge possibility of a bent stem jamming the wedge.

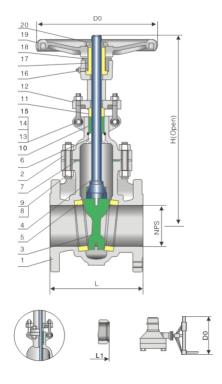
■Wedge

Integral guide rib faces assure self-centering of wedge.flexible wedge gate valve has a one-piece,twin-disc wedge,which is designed so that each half flexes independently.avaliable in solid, flex split and his designs.



Applicable standards:

- STEEL GATE VALVES API 600/API6D
- STEEL GATE VALVES ISO 10434/ISO 14313
- ●STEEL VALVES,ASME B16.34
- FACE TO FACE ,ASME B16.10
- END FLANGES ,ASME B16.5
- ●BUTTWELDING ENDS,ASME B16.25
- INSPECTION AND TEST API 598/API 6D



Design descriptions:

- •FULL PORT DESIGN
- OS&Y OUTSIDE SRCEW 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

Materials of parts

No	Part Name	Carbon steel	ASTM Material 1 ¹ / ₄ cr ⁻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 Backseat	A276-420	A276-304	A276-420
7	Bonnet Gasket	Spir	al wound(Graphite+3	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	
18	Yokesleeve Jam nut		Carbon Steel	
19	Handwheel		Malleable Iron	
20	Handwheel Nut		Carbon Steel	

Note:1).ductile ni-resist optional

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.

Dimensional datas of ANSI Class 150Lb

NPS	2	2 ¹ / ₂	3	4	6	8	10	12	14	16	18	20	24	26	28	30	32	36	in
DN	50	65	80	100	150	200	250	300	350	400	450	500	600	650	700	750	800	900	mm
L	7.00	7.50	8.00	9.00	10.50	11.50	13.00	14.00	15.00	16.00	17.00	18.00	20.00	22.00	24.00	24.00	28.00	28.00	in
(RF)	178	191	203	229	267	292	330	356	381	406	432	457	508	559	610	610	711	711	mm
L1	85	9.50	11.12	12.00	15.88	16.50	18.00	19.75	22.50	24.00	26.00	28.00	32.00	34.00	36.00	36.00	38.00	40.00	in
(BW)	216	241	283	305	403	419	457	502	572	610	660	711	813	864	914	914	965	1016	mm
Н	15.25	17.00	18.88	23.00	30.50	37.62	45.50	53.12	59.38	67.00	74.50	83.50	98.25	110.50	116.50	124.00	129.00	146.50	in
(open)	386	434	480	584	765	956	1149	1350	1508	1703	1892	2119	2500	2806	2960	3150	3280	3720	mm
Do	8	8	10	12	12	14	16	15	20	22	24	26	29	29	32	32	38	40	in
DO	200	200	250	300	300	350	400	450	500	550	600	640	700	720	800	800	950	1000	mm
wt(kg)	18	25	32	50	77	121	178	265	463	463	621	792	1521	1521	1838	2261	2490	3310	RF
wi(Kg)	15	18	26	41	69	108	156	248	424	424	587	752	1570	1570	1900	3310	2540	3380	BW

Dimensional datas of ANSI Class 300Lb

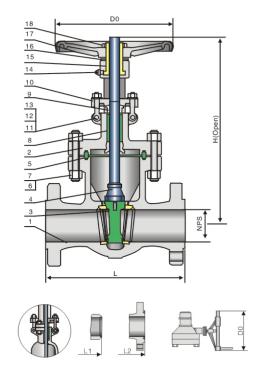
NPS	2	2 ¹ / ₂	3	4	6	8	10	12	14	16	18	20	24	26	28	30	32	36	in
DN	50	65	80	100	150	200	250	300	350	400	450	500	600	650	700	750	800	900	mm
L/L1	8.50	9.50	11.12	12.00	15.88	16.50	18.00	19.75	30.00	33.00	36.00	39.00	45.00	49.00	53.00	55.00	60.00	68.00	in
(RF/BW)	216	241	283	305	403	419	457	502	762	838	914	991	1143	1245	1346	1397	1524	1727	mm
L2	9.12	10.12	11.75	12.62	16.50	17.12	18.62	20.38	30.62	33.62	36.62	39.75	45.88	50.00	54.00	56.00	61.12	69.12	in
(RTJ)	232	257	298	321	419	435	473	518	778	854	930	1010	1165	1270	1372	1422	1553	1756	mm
Н.	16.12	17.88	20.00	24.00	31.75	39.38	47.62	55.75	62.25	67.88	77.12	86.38	102.00	117.00	122.00	126.00	130.00	152.00	in
(open)	410	453	509	612	805	1000	1210	1415	1580	1725	1960	2195	2590	2975	3100	3200	3300	3860	mm
Do	8	8	10	12	14	16	18	20	22	22	24	26	29	29	32	32	38	40	in
DO	200	200	250	300	350	400	450	500	550	550	600	640	720	720	800	800	950	1000	mm
wt(kg)	23	35	50	71	144	209	322	482	683	950	1145	1635	2660	3090	3310	3595	3720	3985	RF
wi(Ng)	17	26	39	53	113	164	256	390	565	805	965	1410	2305	2540	2725	3055	3360	3630	BW

Cast Steel Gate Valve 600Lb/900Lb



Applicable Standards:

- •STEEL GATE VALVES API 600/API6D
- •STEEL GATE VALVES ISO 10434/ISO 14313
- •STEEL VALVES, ASME B16.34
- FACE TO FACE ,ASME B16.10
- •END FLANGES ,ASME B16.5
- BUTTWELDING ENDS, ASME B16.25
- INSPECTION AND TEST API 598/API 6D



Design descriptions:

- •FULL PORT DESIGN
- ●OS&Y OUTSIDE SRCEW 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

Materials of parts

No	Part Name	Carbon Steel	ASTM Material	Carbon Steel
			1 ¹ / ₄ cr ⁻¹ / ₂ mo	
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 Backseat	A276-420	A276-304	A276-420
7	Bonnet Gasket	Spir	al Wound(Graphite+3	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	
18	Yokesleeve Jam Nut		Carbon Steel	
19	Handwheel		Malleable Iron	
20	Handwheel Nut		Carbon Steel	
Note:1) Di	ictile Ni_resist ontional			

Note:1).Ductile Ni-resist optional

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.

Dimensional datas of ANSI Class 600Lb

NPS	2	2 ¹ / ₂	3	4	6	8	10	12	14	16	18	20	24	26	28	30	32	36	in
DN	50	65	80	100	150	200	250	300	350	400	450	500	600	650	700	750	800	900	mm
L/L1	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	35.00	39.00	43.00	47.00	55.00	57.00	61.00	65.00	70.00	82.00	in
(RF/BW)	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	1448	1549	1651	1778	2083	mm
L2	11.62	13.12	14.12	17.12	22.12	26.12	31.12	33.12	35.12	39.12	43.12	47.25	55.38	57.50	61.50	65.50	70.62	82.62	in
(RTJ)	295	333	359	435	562	664	791	841	892	994	1095	1200	1407	1461	1562	1664	1794	2099	mm
Н	16.50	18.75	20.38	25.50	33.00	40.38	48.38	57.00	62.00	70.62	76.00	87.00	101.50	105.00	109.50	114.00	124.00	140.00	in
(open)	418	476	518	646	840	1025	1230	1450	1575	1795	1930	2210	2580	2665	2780	2895	3150	3560	mm
	8	10	10	12	18	20	24	24	24	24	26	26	29	29	32	32	38	40	in
Do	200	250	250	300	450	500	600	600	600	600	640	640	720	720	800	800	950	1000	mm
\4#(ca	36	52	67	112	170	393	610	890	1245	1530	1965	2450	2995	3475	3725	4045	4185	4480	RF
wt(kg)	29	42	53	83	125	310	472	730	1055	1240	1625	2030	2590	2855	3065	3440	3780	4085	BW

Dimensioal datas of ANSI Class 900Lb

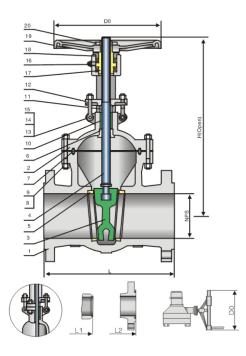
	5110100		0 01 / 1		40000									
NPS	2	2 ¹ / ₂	3	4	6	8	10	12	14	16	18	20	24	in
DN	50	65	80	100	150	200	250	300	350	400	450	500	600	mm
L/L1	14.50	16.50	15.00	18.00	24.00	29.00	33.00	38.00	40.50	44.50	48.00	52.00	61.00	in
(RF/BW)	368	419	381	457	610	737	838	965	1029	1130	1219	1321	1549	mm
L2	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12	40.88	44.88	48.50	52.50	61.75	in
(RTJ)	371	422	384	460	613	740	841	968	1038	1140	1232	1334	1568	mm
Н	19.62	21.50	22.50	26.62	35.50	4.50	53.00	60.00	74.88	81.00	87.00	101.00	104.00	in
(open)	498	547	573	678	900	1103	1345	1525	1900	2055	2215	2565	264.00	mm
Do	10	10	12	18	20	24	26	29	32	32	38	38	40	in
D0	250	250	300	450	500	600	640	720	800	800	950	950	1000	mm
wt(kg)	74	131	101	172	335	640	1100	1600	2250	2850	3060	3935	49.00	RF
wi(Ng)	54	105	78	135	260	515	920	1380	2010	2565	3485	3250	4065	BW



Cast Steel Gate Valve 1500Lb/2500Lb

Applicable Standards:

- STEEL GATE VALVES API 600/API6D
- STEEL GATE VALVES ISO 10434/ISO 14313
- •STEEL VALVES, ASME B16.34
- FACE TO FACE ,ASME B16.10
- END FLANGES ,ASME B16.5
- BUTTWELDING ENDS, ASME B16.25
- INSPECTION AND TEST API 598/API 6D



Design descriptions:

- •FULL PORT DESIGN
- OS&Y OUTSIDE SRCEW 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

Materials of parts

Carbon Steel A352-LCB
A352-LCB
A352-LCB
IF A352-LCB+CR13
A182-F6a
= A350-LF2+CR13
A276-420
e+304)
A320-L7
A194-4
A276-420
A352-LCB
Carbon steel
Carbon steel
Carbon steel
ze
1
1

Note:1).Ductile Ni-resist optional

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.

Dimensional datas of ANSI Class 1500Lb

NPS	2	2 ¹ / ₂	3	4	6	8	10	12	14	16	18	20	24	in
DN	50	65	80	100	150	200	250	300	350	400	450	500	600	mm
L/L1	14.50	16.50	18.50	21.50	27.75	32.75	39.00	44.50	49.50	54.50	60.50	65.50	76.50	in
(RF/BW)	368	419	470	546	705	832	991	1130	1257	1384	1537	1664	1943	mm
L2	15.50	16.62	18.62	21.62	28.00	33.12	39.38	45.12	50.25	55.38	61.38	66.38	77.62	in
(RTJ)	371	422	473	549	711	841	1000	1146	1276	1407	1559	1686	1972	mm
Н	24.25	26.00	30.00	34.12	39.50	45.00	54.00	61.00	74.88	80.50	93.75	101.50	114.75	in
(open)	615	658	760	868	1005	1145	1370	1550	1900	2050	2380	2580	2915	mm
Do	10	12	18	20	24	18	18	24	24	24	24	24	24	in
DO	250	300	450	500	600	460	460	600	600	600	600	600	600	mm
wt(kg)	116	166	209	296	510	920	1910	3145	4100	6200	8965	13100	15860	RF
wi(Kg)	105	150	188	265	412	760	1640	2755	3200	5300	8070	11790	14275	BW

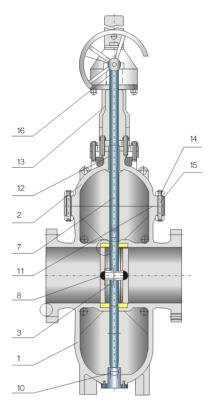
Dimensional datas of ANSI Class 2500Lb

NPS	2	2 ¹ / ₂	3	4	6	8	10	12	14	16	18	20	24	in
DN	50	65	80	100	150	200	250	300	350	400	450	500	600	mm
L/L1	17.75	20.00	22.75	26.50	36.00	40.25	50.00	56.00	-	-	_	-	-	in
(RF/BW)	451	508	578	673	914	1022	1270	1422	_	_	_	_	-	mm
L2	17.88	20.50	23.00	26.88	36.50	40.88	50.88	56.88	-	-	-	-	-	in
(RTJ)	454	514	584	683	927	1038	1292	1445	-	_	_	_	-	mm
Н	24.88	29.00	35.00	41.50	57.00	63.38	81.75	89.75	_	_	_	_	_	in
(open)	631	736	890	1055	1450	1610	2075	2280	_	_	_	_	-	mm
Do	12	18	20	20	24	24	24	24	-	-	_	-	-	in
DO	300	450	500	500	600	600	600	600	_	_	_	_	_	mm
wt(kg)	155	210	310	580	1600	2450	4570	7150	_	_	_	_	_	RF
wi(kg)	124	160	245	460	1310	2010	3800	6000	_	_	_	_	_	BW



Applicable Standards:

DESIGN & MANUFACTURE CONFORM WITH: API 6D/ISO 14313. ASME B16.34 CONNECTION DIMENSION CONFORMS WITH: ASME B16.5 DIN EN 1092 FIRE RESISTANCE DESIGN CONFORMS WITH: API 607/ISO 10497 INSPECTION & TEST CONFORMS WITH: API 6D、ISO 5208、API 598 MATERIAL CONFORMS WITH: ISO 15156



Single disk with pilot port structure



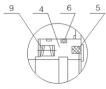
Double disk non-diversion hole structure



Double disk with diversion hole structure



Single disk non-diversion hole structure



Soft sealing structure



Hard sealing structure

Product Features

- 1. Valve seat adopts the structure of O-ring seals and pretightening float valve seat, the soft sealing inlays fluoroplastic, it provides the function of double sealing: fluoroplastic to metal and metal to metal. And at the same time, the fluoroplastic can remove the dirt of the gate disk.
- $2\sqrt{}$ Of the metal to metal sealing, there is a grease injection structure outside the valve, grease injects the sealing part through the seat, in this way achieves the aim of zero leakage.
- 3. Through conduit gate valve always coincide with the sealing surface, whether the disc is full open—or full—closd; sealing surface to be protected from scouring by media dilectly, thereby extending the service life. In full—time, smooth channel for the direct and flow resistance coefficient is extremely small, no pressure loss, leading to Pig.

Materials of parts

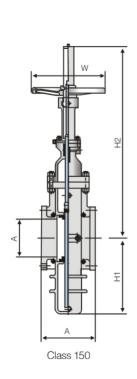
Body	WCB/LCB/CF8M/CF8/CF3M/CF3/WC6/WC9/CD3MN
Bonnet	WCB/LCB/CF8M/CF8/CF3M/CF3/WC6/WC9/CD3MN
Disc	A105+ENP/LF2+ENP/F304/F316/F304L/F316L/F51
Seat	A105+ENP/LF2+ENP/F304/F316/F304L/F316L/F51
Stem	F6a/F304/F316/F304L/F316L/F51
Seal ring	PTFE/NYLON/PEEK/TEFLON
Sealing surface material	1~12 Trim material
O-ring	VITON/NBR
Bolt	B7M/B8M/L7M/B16M
Nut	2HM/8M/7M/4M
Spring	17-4PH/Inconel
Stem nut	C95200/D2/A536
Gasket	Flexible graphite+304/Flexible graphite+316
Packing	Flexible graphite/PTFE
Materials could be ch	posed according to customers' requirement & working condition

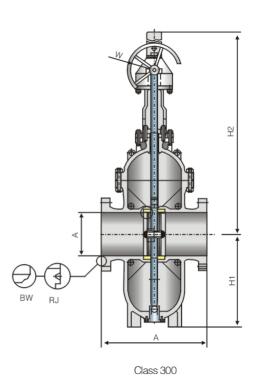
Materials could be choosed according to customers' requirement & working condition.



Applicable Standards:

DESIGN & MANUFACTURE CONFORM WITH: API 6D/ISO 14313、ASME B16.34 CONNECTION DIMENSION CONFORMS WITH: ASME B16.5 DIN EN 1092 FIRE RESISTANCE DESIGN CONFORMS WITH: API 607/ISO 10497 INSPECTION & TEST CONFORMS WITH: API 6D、ISO 5208、API 598 MATERIAL CONFORMS WITH: ISO 15156





Dimensional datas

NPS	DN	Α	В	H1	H2	W	WT	Т	NPS	DN	Α	В	H1	H2	W	WT	Т
inch	DIN	mm	mm	mm	mm	mm	kg	N.m	inch	DIA	mm	mm	mm	mm	mm	kg	N.m
							ΑI	VSI Cla	ss 150L	b							
2	50	178	51	125	452	200	25	23	16	400	406	385	685	1854	560	630	572
3	80	203	76	175	605	250	43	50	18	450	432	436	790	2088	650	836	728
4	100	229	100	202	680	280	65	60	★ 20	500	457	487	880	2420	460	1190	910
6	150	267	150	282	890	300	95	78	★ 24	600	508	589	1050	2688	460	1580	1313
8	200	292	201	355	1128	350	146	143	★ 28	700	610	684	1192	3078	460	2400	2028
10	250	330	252	445	1296	400	245	211	★30	750	610	735	1268	3252	600	3200	2305
12	300	356	303	518	1483	450	343	289	★32	800	711	779	1355	3495	600	3700	2795
14	350	381	334	606	1668	500	480	403	★36	900	711	874	1515	3898	600	4600	3783

Dimensional datas

NPS	DN	Α	В	H1	H2	W	WT	Т	NPS	DN	Α	В	H1	H2	W	WT	Т
inch	DIA	mm	mm	mm	mm	mm	kg	N.m	inch	DIN	mm	mm	mm	mm	mm	kg	N.m
							Αľ	ISI Clas	ss 300L	b							
2	50	292	51	135	456	200	30	25	16	400	902	385	730	1884	650	1280	735
3	80	356	76	182	618	250	48	71	★ 18	450	978	436	802	2163	460	1665	988
4	100	406	100	216	713	280	78	95	★ 20	500	1054	487	935	2420	460	2168	1235
6	150	495	150	315	903	350	152	117	★ 24	600	1232	589	1103	2810	460	2980	1963
8	200	597	201	382	1133	400	240	185	★ 28	700	1397	684	1262	3203	460	4060	2990
10	250	673	252	480	1403	450	420	292	★30	750	1524	735	1342	3412	600	4980	3566
12	300	762	303	545	1582	500	525	366	★32	800	1651	779	1422	3646	600	5800	4121
14	350	826	334	645	1688	560	810	576	★36	900	1880	874	1513	4055	600	7790	5785

Note: ★ Worm-gean actuator

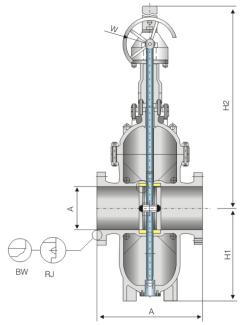
Flat Gate Valve 600Lb/900Lb/1500Lb



Applicable Standards:

DESIGN & MANUFACTURE CONFORM WITH: API 6D/ISO 14313, ASME B16.34 CONNECTION DIMENSION CONFORMS WITH: ASME B16.5 DIN EN 1092 FIRE RESISTANCE DESIGN CONFORMS WITH: API 607/ISO 10497 INSPECTION & TEST CONFORMS WITH: API 6D, ISO 5208, API 598





Dimensional datas

NPS	DN	Α	В	H1	H2	W	WT	Т	NPS		Α	В	H1	H2	W	WT	Т
inch		mm	mm	mm	mm	mm	kg	N.m	inch		mm	mm	mm	mm	mm	kg	N.m
ANSI Class 600Lb																	
2	50	292	51	160	466	250	60	32	★ 14	350	889	334	654	1745	460	1680	1453
3	80	356	76	228	622	280	106	117	★ 16	400	991	385	740	1978	460	2230	2103
4	100	432	100	258	724	350	160	169	★ 18	450	1092	436	812	2268	600	2700	2808
6	150	559	150	332	913	450	395	234	★ 20	500	1194	487	1040	2509	600	3100	3653
8	200	660	201	411	1148	560	605	319	★ 24	600	1397	589	1160	2820	600	5100	4953
10	250	787	252	493	1412	600	960	737	★ 28	700	1549	684	1288	3233	1000	7050	6253
12	300	838	303	577	1596	650	1520	1274	★30	750	1651	735	1330	3442	1000	8200	7163

Dimensional datas

NPS inch	DN	A mm	B mm	H1 mm	H2 mm	W mm	WT kg	T N.m	NPS inch	DN	A mm	B mm	H1 mm	H2 mm	W mm	WT kg	T N.m
ANSI Class 900Lb															13311		
2	50	368	49	162	476	300	133	71	12	300	965	303	577	1600	460	1850	1296
3	80	381	74	230	638	350	198	150	14	350	1029	322	660	1755	460	2580	1482
4	100	457	100	262	730	400	260	181	16	400	1130	373	750	2028	600	3500	2139
6	150	610	150	336	920	560	565	413	18	450	1219	423	822	2288	600	4400	2919
8	200	737	201	415	1152	600	965	767	20	500	1321	471	1058	2525	600	5560	4486
★ 10	250	838	252	496	1418	460	1280	1021	24	600	1549	589	1176	2850	1000	7480	5195

Dimensional datas

NPS inch	DN	Α	В	H1	H2	W	WT	Т	NPS	DN	Α	В	H1	H2	W	WT	Т
inch		mm	mm	mm	mm	mm	kg	N.m	inch	DIA	mm	mm	mm	mm	mm	kg	N.m
ANSI Class 1500Lb																	
2	50	368	49	162	476	300	133	107	★ 6	150	705	144	338	930	460	830	618
3	80	470	74	230	638	400	235	225	★ 8	200	832	192	420	1160	460	1380	1151
4	100	546	100	270	745	500	398	272	★ 10	250	991	239	500	1428	460	2230	1532

Note: ★ Turbine drives