

CAST STEEL GATE VALVES ASME CLASS 300

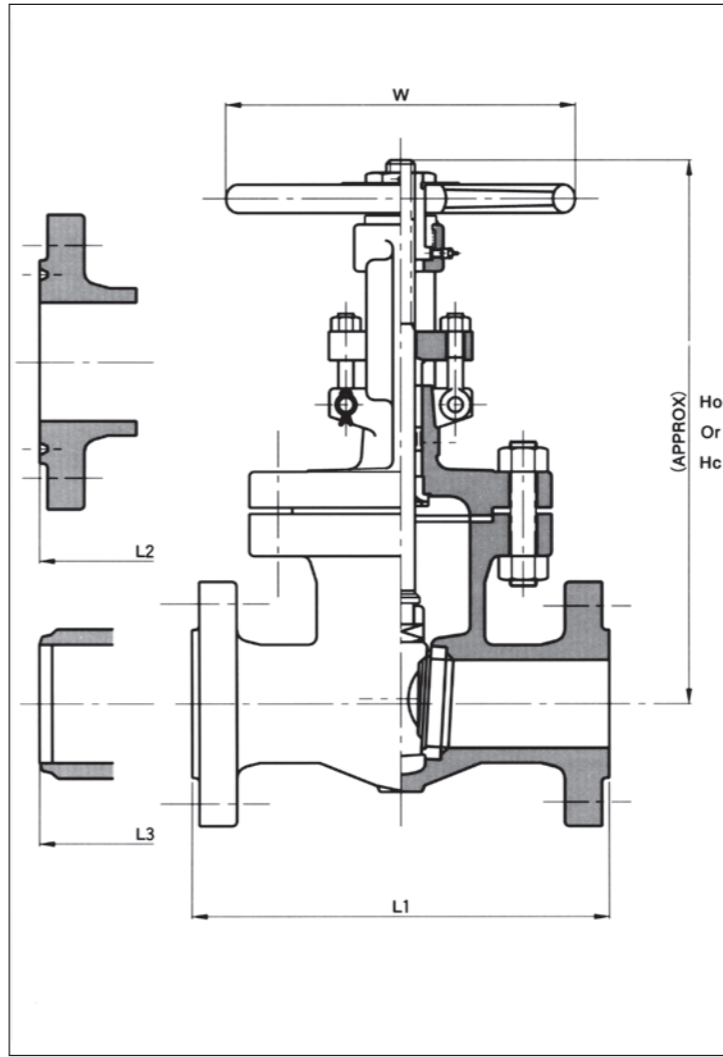
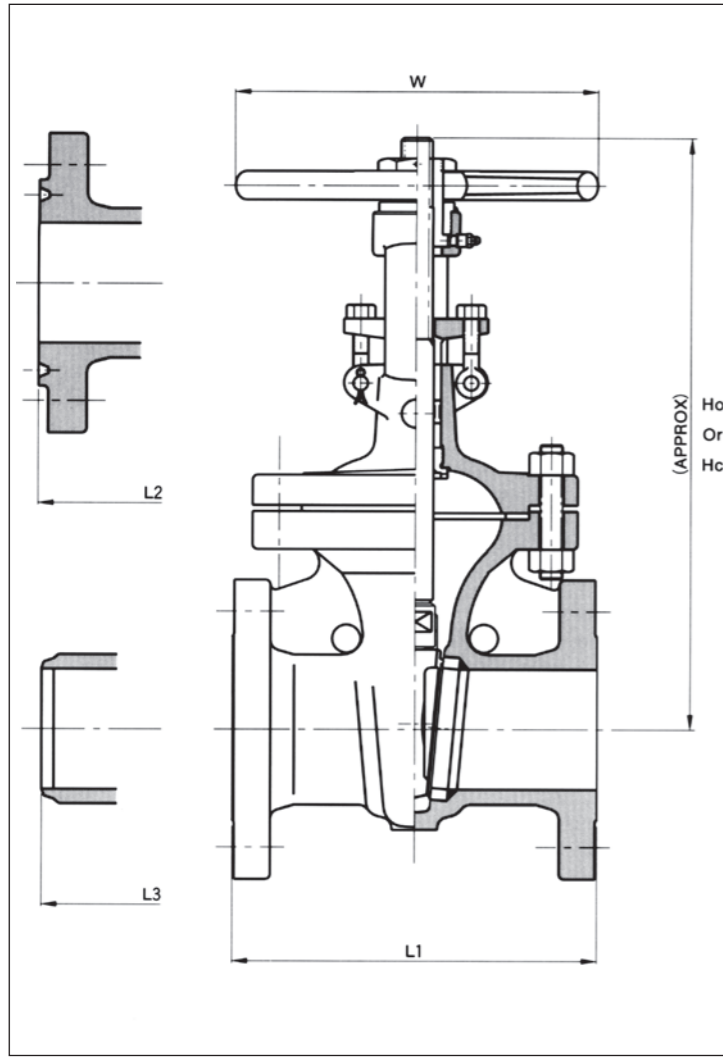
CAST STEEL GATE VALVES ASME CLASS 600

SIZE 2" to 36"
Flanged and Butt weld Ends
Bolted Bonnet, O.S. & Y.
R.F. End Type. Fig. No. C2240
R.J. End Type. Fig. No. C2270
B.W. End Type. Fig. No. C2230

SIZE 2" to 26"
Flanged and Butt weld Ends
Bolted Bonnet, O.S. & Y.
R.F. End Type. Fig. No. C2640
R.J. End Type. Fig. No. C2670
B.W. End Type. Fig. No. C2630

PRESSURE TEST: As per API 598

PRESSURE TEST: As per API 598



MATERIAL

NAME OF PART	ASTM	JIS
BODY	A216 WCB	SCPH2
BODY SEAT RING	* A105	* SFVC2A
DISC	* A216 WCB	* SCPH2
STEM	A182 F6a	SUS403
BONNET GASKET	SPIRAL WOUND GRAPHOIL	
BONNET	A216 WCB	SCPH2
BONNET BOLT	A193 B7	SNB7
BONNET BOLT NUT	A194 2H	S45C
BONNET BUSH	A276 420	SUS420J2
LANTERN RING	A276 420	SUS420J2
GLAND PACKING	FLEXIBLE GRAPHITE	
GLAND	A276 420	SUS420J2
GLAND FLANGE	A105	SFVC2A
GLAND EYE BOLT	A193 B7	SNB7
GL. EYE BOLT NUT	A194 2H	S45C
YOKE	A216 WCB	SCPH2
YOKE SLEEVE	A439 D2	FCDA NiCr
SLEEVE NUT	A576 1025	S25C
HAND WHEEL	A536	FCD450
LOCK NUT	A36	SS400
NAME PLATE	B209M	ALP

* BODY SEAT RING: STELLITE FACE
 * DISC: 13Cr FACE

MATERIAL

NAME OF PART	ASTM	JIS
BODY	A216 WCB	SCPH2
BODY SEAT RING	* A105	* SFVC2A
DISC	* A216 WCB	* SCPH2
STEM	A182 F6a	SUS403
BONNET GASKET	SPIRAL WOUND GRAPHOIL	
BONNET	A216 WCB	SCPH2
BONNET BOLT	A193 B7	SNB7
BONNET BOLT NUT	A194 2H	S45C
BONNET BUSH	A276 420	SUS420J2
LANTERN RING	A276 420	SUS420J2
GLAND PACKING	FLEXIBLE GRAPHITE	
GLAND	A276 420	SUS420J2
GLAND FLANGE	A105	SFVC2A
GLAND EYE BOLT	A193 B7	SNB7
GL. EYE BOLT NUT	A194 2H	S45C
YOKE	A216 WCB	SCPH2
YOKE SLEEVE	A439 D2	FCDA NiCr
SLEEVE NUT	A576 1025	S25C
HAND WHEEL	A536	FCD450
LOCK NUT	A36	SS400
NAME PLATE	B209M	ALP

* BODY SEAT RING: STELLITE FACE
 * DISC: 13Cr FACE

Note: (1) Disc of valves 2½ inch and under are solid wedge. 3 inch and over are flexible wedge.
 (2) Valves 10 inch and over have thrust bearing.
 (3) Operation of valves 14 inch and over have bevel gear unit.

Note: (1) Disc of valves 2½ inch and under are solid wedge. 3 inch and over are flexible wedge.
 (2) Valves 6 inch and over have thrust bearing.
 (3) Operation of valves 12 inch and over have bevel gear unit.

WEIGHT AND DIMENSIONS

Valve Size		2"	2½"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	34"	36"
End to End (mm)	R.F. L1	216	241	283	305	403	419	457	502	762	838	914	991	1143	1245	1346	1397	1524	1626	1727
	R.J. L2	232	257	298	321	419	435	473	518	778	854	930	1010	1165	1270	1371	1422	1553	1655	1756
	B.W. L3	216	241	283	305	403	419	457	502	762	838	914	991	1143	1245	1346	1397	1524	1626	1727
Center to Top (mm)	Open Ho	416	456	496	614	846	1080	1285	1486	1643	1820	2032	2220	2635	2844	3021	3481	3630	3780	3920
	Close Hc	357	384	421	502	680	1013	1162	520	1643	1820	2032	2220	2635	2844	3021	3481	3630	3780	3920
Diam. of Handwheel (mm)	W	200	200	250	300	355	450	500	600	460	460	460	610	610	610	610	610	610	762	762
	R.F.	28	43	53	75	152	232	340	480	725	1000	1270	1500	2400						
	R.J.	28	43	53	75	152	232	340	480	725	1000	1270	1500	2400						
Weight Approx. (kg)	B.W.	23	34	48	60	125	196	265	396	620	810	1076	1450	2100						

WEIGHT AND DIMENSIONS

Valve Size		2"	2½"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"
End to End (mm)	R.F. L1	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	1448
	R.J. L2	295	333	359	435	562	664	791	841	892	994	1095	1200	1407	1458
	B.W. L3	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	1448
Center to Top (mm)	Open Ho	473	505	555	692	1006	1188	1402	1633	1772	2038	2218	2392	2822	3050
	Close Hc	414	433	471	580	843	973	1136	1633	1772	2038	2218	2392	2822	3050
Diam. of Handwheel (mm)	W	250	250	300	355	500	600	685	457	610	610	610	610	760	760
	R.F.	46	63	75	125	285	475	757	1015	1400	1710	2210	3220	4250	
	R.J.	48.5	64	78	140	285	475	757	1015	1400	1710	2210	3220	4250	
Weight Approx. (kg)	B.W.	45	56	67	110	208	385	610	840	1150	1530	2000	2600	4100	