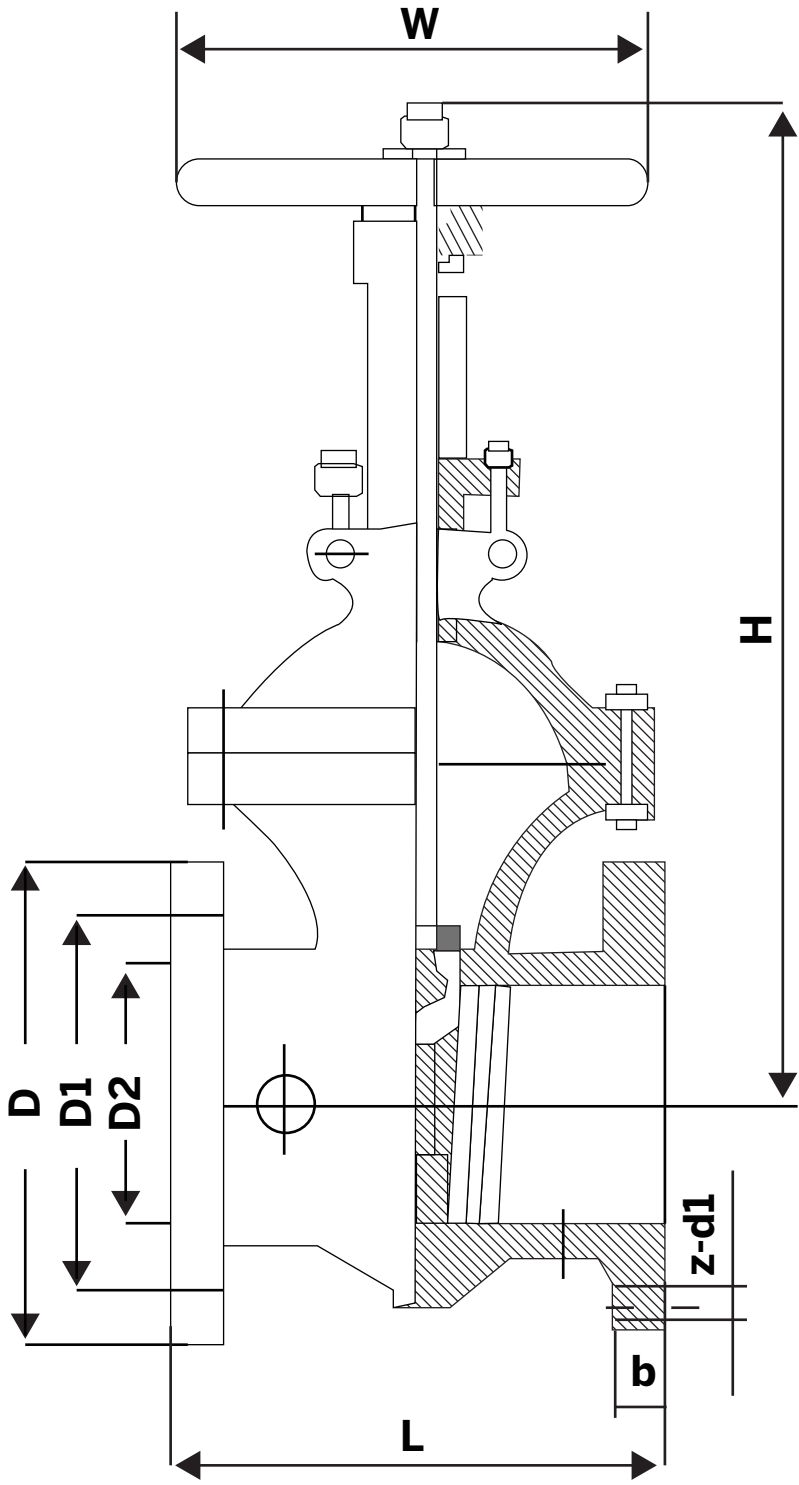




CAST STEEL GATE VALVE

CLASS 600



MATERIALS LIST

Shell	ASTM A216 - WCB							ASTM A351 - CF8		
Disc	WCB	CF8	CF8M	Monel	—	F304	F306			
Stem	F6a	304	316	Monel	—	304	316			
Disc Facing	13Cr	13Cr	STL	304	STL	316	STL	Monel	304	STL
Seat	13Cr	STL	STL	304	STL	316	STL	Monel	304	STL

BB, OS & Y STRUCTURE

Design and Manufacture	API 600, API6D
Face to Face	ANSI B16.10
Flange Standard	ASME B16.5
Check and Test	API 598

Dimension and Weight

Class 600										
Size		Overall Dimension(mm)				Flange Dimension (mm)				Weight(Kg)
DN	NPS	L	D	D1	D2	b	z-d1	H	W	
15	1/2"	165	95	66.5	35	22	4-15	155	100	8
20	3/4"	190	117	82.5	43	23	4-19	160	100	5.4
25	1"	216	124	89	51	25	4-19	186	125	7.6
32	1 1/4"	229	137	98.5	63	28	4-19	216	160	10
40	1 1/2"	241	156	114.5	73	30	4-22	250	160	15
50	2"	292	165	127	92	33	8-19	510	250	44
65	2 1/2"	330	190	149	100	36	8-22	554	250	60
80	3"	356	210	168.5	127	39	8-22	595	300	80
100	4"	432	273	216	157	45	8-25	712	300	145
125	5"	508	330	266.5	186	52	8-29	826	350	236
150	6"	559	356	292	216	55	12-29	995	350	309
200	8"	660	419	349	270	63	12-32	1157	400	522
250	10"	787	508	432	324	71	16-35	1373	500	779
300	12"	838	559	489	381	74	20-35	1603	600	1108
350	14"	889	603	527	413	77	20-38	1930	600	1503
400	16"	991	686	603	470	84	20-41	2032	650	1939
450	18"	1092	743	654	533	90	20-44	2286	838	2733
500	20"	1194	813	724	584	96	24-44	2591	889	3214
600	24"	1397	940	838	692	109	24-52	3124	1092	4177

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