

CAST STEEL GATE VALVES

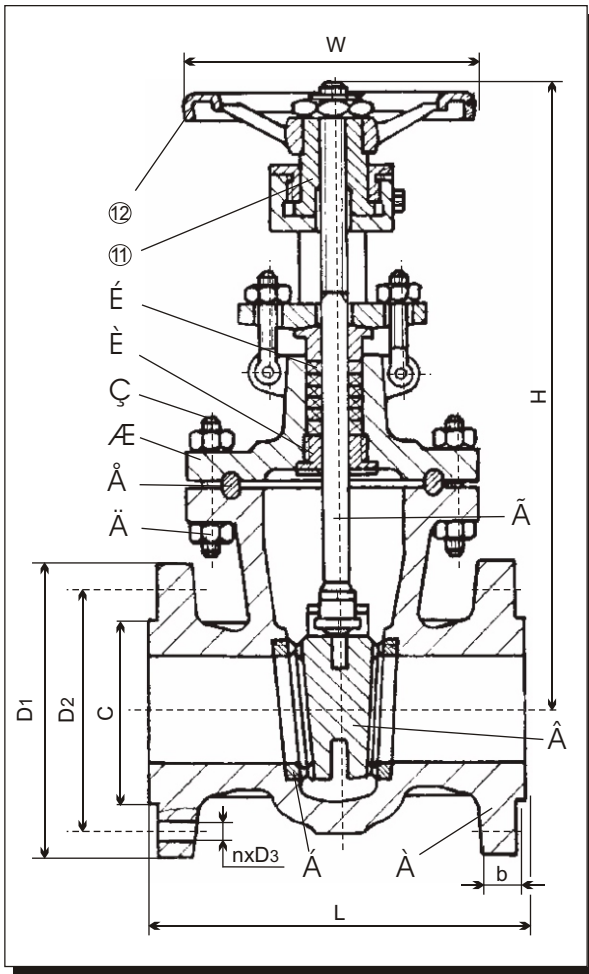


Table 1

No.	Description	Material	
12	Handwheel	A 216 WCB	
11	Yoke sleeve	A 439 D2	
10	Packing	Graphite	
9	Backseat	A 182 F 6a	
8	Studs	A 193 B7	
7	Bonnet	A 216 WCB	
6	Gasket	Low Carbon Steel	
5	Nuts	A 194 - 2H	
4	Stem	A 182 F 6a	
3	Wedge	6" - 12"	A 216 WCB
		2" - 4"	A 105
2	Seat Ring	13% Cr / 13%Cr	
1	Body	A 216 WCB	

Fig. 1

Table 2

	Size	Dimensions								
		inch mm	2" 50	2 1/2" 65	3" 80	4" 100	6" 150	8" 200	10" 250	12" 300
OVERALL DIMENSIONS	L	inch	11.5	13	14	17	21.97	25.98	30.9	32.9
		mm	292	330	356	432	558	660	787	838
OVERALL DIMENSIONS	H	inch	17.08	19.88	21.73	27	35.98	42	49.48	57.99
		mm	434	505	552	686	914	1067	1257	1473
OVERALL DIMENSIONS	W	inch	9.76	9.76	9.76	13.98	17.87	19.53	23.2	26.7
		mm	248	248	248	355	454	496	589	678
CONNECTION FLANGES	D1	inch	6.5	7.5	8.25	10.75	14	16.5	20	22
		mm	165.1	190.5	209.5	273	355.6	419.1	508	558.8
CONNECTION FLANGES	D2	inch	5	5.875	6.62	8.5	11.5	13.75	17	19.25
		mm	127	149.3	168.1	215.9	292.1	349.2	431.8	489
CONNECTION FLANGES	C	inch	3.62	4.118	5	6.19	8.5	10.618	12.7	15
		mm	92	104.6	127	157.2	215.9	269.7	323.8	381
CONNECTION FLANGES	n x D3	inch	8 x 0.75	8 x 0.88	8 x 0.88	8 x 1.00	12 x 1.12	12 x 1.25	16 x 1 3/8	20 x 1 3/8
		mm	8 x 19	8 x 22	8 x 22	8 x 25	12 x 29	12 x 32	16 x 35	20 x 35
CONNECTION FLANGES	b	inch	1	1.125	1.25	1.5	1.882	2.189	2.5	2.62
		mm	25.4	28.5	31.7	38.1	47.8	55.6	63.5	66.7
NET WEIGHT	lbs		114.4	138.6	165	308	646.8	1030	1433	1866
	kg		52	63	75	140	294	468	645	840