



Nominal Diameter	Main Dimension class 600										
	Inch	mm	d	D	D1	D2	b	n- $\phi$ d	L	H	W
4"	102	273	215.9	157	38	8- $\phi$ 26	432	620	310	BA0	
5"	125	330	266.7	186	45	8- $\phi$ 29	508	658	310	BA0	
6"	150	356	292.1	216	48	12- $\phi$ 29	559	796	310	BA0	
8"	200	419	349.2	270	56	12- $\phi$ 32	660	855	460	BA1	
10"	250	248	508	431.8	324	64	16- $\phi$ 35	787	967	460	BA1
12"	300	298	559	489.0	381	67	20- $\phi$ 35	838	1096	460	BA2
14"	350	327	603	527.0	413	70	20- $\phi$ 38	889	1355	460	BA2
16"	400	375	686	603.2	470	77	20- $\phi$ 41	991	1480	600	BA3
18"	450	419	743	654.0	533	83	20- $\phi$ 45	1092	1576	600	BA3
20"	500	464	813	723.9	584	89	24- $\phi$ 45	1194	1745	600	BAA3
24"	600	559	940	838.2	692	102	24- $\phi$ 51	1397	2172	600	BAA3
28"	700	648	1073	965.2	800	112	28- $\phi$ 54	1549	2482	600	BAA3
30"	750	695	1130	1022.4	857.3	115	28- $\phi$ 54	1651			
32"	800	781	1194	1079.5	914.4	118	28- $\phi$ 61	1778			
36"	900	876	1314	1193.8	1022.4	124	28- $\phi$ 65.5	2083	3010	600	BAA3

18	Gear Box	Duction Iron	
17	Stem Nut	ZCuAl10Fe3	
16	Yoke	ASTM A216 WCB	
15	Gland Nut	ASTM A194 2H	
14	Gland Eyebolt	ASTM A193 B7	
13	Gland Flange	ASTM A216 WCB	
12	Gland	ASTM A182 F6a	
11	Lantern	ASTM A182 F6a	
10	Stem Packing	Graphite	
9	Backseat bushing	ASTM A182 F6a	
8	Bonnet Nut	ASTM A194 2H	
7	Bonnet bolt	ASTM A193 B7	
6	Bonnet	ASTM A216 WCB	
5	Ring Joint	Soft Steel	
4	Stem	ASTM A182 F6a	
3	Wedge	A216 WCB+13Cr	
2	Seat Ring	ASTM A105+13Cr	
1	Body	ASTM A216 WCB	
NO	PART NAME	MATERIAL	REMARKS

GATE VALVE CLASS 600

Design and Manufacture	API 600	
Face to Face Dimensions	ANSI B16.10	
Flange Ends Dimensions	ANSI B16.5	
	Pressure Test	
Pressure Test	API STD.598	
JRW VALVE DIVISION	DATE	10.08.2003