



Size	A	B	BD	H	Weight, kg (Approx.)
6"	403	815	1050	350	155
8"	419	1015	1255	400	236

S.No.	DESCRIPTION	MATERIAL
1	Body	ASTM A216 Gr. WCB
2	Seat Ring	ASTM A105 + Stellite
3	Disc	ASTM A216 Gr. WCB + 13% CR
4	Stem	ASTM A182 Gr. F6a
5	Bonnet	ASTM A216 Gr. WCB
6	Gasket	Spiral wound SS 316 with Graphite filler
7	Stud	ASTM A193 Gr. B7
8	Hex. Nut	ASTM A194 Gr. 2H
9	Bonnet Bush	ASTM A276 Type 410
10	Packing	Die Moulded Graphite Packing with Braided End Rings
11	Gland	ASTM A276 Type 410
12	Gland Flange	ASTM A105
13	Stud	ASTM A193 Gr. B7
14	Hex. Nut	ASTM A194 Gr. 2H
15	Lock Nut	ASTM A194 Gr. 2H
16	Yoke Sleeve	ASTM B148 UNS C95400
17	Handwheel	IS:1865 Gr. SG 400 / 15
-	Identification Plate	Stainless Steel

STANDARDS	
Design	API 600
Pressure Temp. rating	ASME B16.34
Face to Face	ASME B16.10
End Flange Dimension & Drilling	ASME B16.5 RF
Testing	API 598

TESTS AND TEST PRESSURE (bar)		
Shell	Hydrostatic	77
Seat		57
Back Seat	Air	6
Seat		

CUSTOMER :

PROJECT :

					▲ INDICATES CRUCIAL FEATURE
					UNLESS OTHERWISE SPECIFIED
					ALL DIMENSIONS ARE IN mm.
					ALL PROJECTIONS ARE THIRD ANGLE.
					ALL SHARP EDGES ARE TO BE REMOVED
					DRAWN VA
					CHECKED LJ
					APPROVED RM
2	02.11.11	--	VKK	DATE	02.04.2008
1	06.07.10	--	AP		
REV	DATE	ALT.NO	SIG.	SCALE	NTS



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TITLE CAST STEEL GATE VALVE  
GENERAL ASSEMBLY

SIZE : SEE TABLE CLASS : 300 TRIM : 8

DRG. No. :

LTR0040

REV SHEET

2 1 OF 1