



Size	A	B	BD	H	Weight, kg (Approx.)
6"	267	795	979	350	93
8"	292	995	1236	350	151

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	Corrugated soft steel 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	30
Seat		22
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
3	02.11.11	--	CV	APPROVED RM	
2	06.07.10	--	AP	DATE	02.04.2008
1	27.05.09	--	VKK		
REV	DATE	ALT.NO	SIG.	SCALE	NTS



LARSEN & TOUBRO LIMITED

THIS DRAWING AND DESIGN IS THE PROPERTY OF LARSEN & TOUBRO LIMITED, IT IS A CONFIDENTIAL DISCLOSURE WHICH MUST NEITHER BE COPIED NOR USED IN ANY MANNER DETRIMENTAL TO THEIR INTERESTS.

TITLE CAST STEEL GATE VALVE
GENERAL ASSEMBLY

SIZE : SEE TABLE CLASS : 150 TRIM : 8

DRG. No. :

LTR0038

REV SHEET

3 1 OF 1