



Size	Class	A	B	BD	H	Weight, kg (Approx.)
2"	150	203	375	456	200	22
3"	150	241	420	507	250	37
4"	150	292	510	614	350	63
6"	150	406	610	697	350	104
2"	300	267	390	469	200	30.5
3"	300	318	430	521	250	50
4"	300	356	570	694	350	88
6"	300	444	735	850	450	180

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

STANDARDS	
Design	BS 1873
Pressure Temp. rating	ASME B16.34
Face to Face	ASME B16.10
End Flange Dimension & Drilling	ASME B16.5 RF
Testing	API 598

FOR CLASS 150

TESTS AND TEST PRESSURE (bar)		
Shell	Hydrostatic	30
Seat		22
Back Seat		

FOR CLASS 300

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

CUSTOMER :

PROJECT :

				<p>▲ INDICATES CRUCIAL FEATURE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN mm. ALL PROJECTIONS ARE THIRD ANGLE. ALL SHARP EDGES ARE TO BE REMOVED</p>		<p>LARSEN & TOUBRO LIMITED</p>	
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				<p>TITLE: CAST STEEL GLOBE VALVE GENERAL ASSEMBLY</p>			
3		02.11.11	--	CV	APPROVED	RM	
2		30.11.09	--	AP	DATE	27.03.2008	
1		06.07.09	--	VKK			
REV	DATE	ALT.NO	SIG.	SCALE	NTS		
				SIZE : SEE TABLE	CLASS : SEE TABLE	TRIM : 8	
				DRG. No. :		LTR0042	
				REV	3		SHEET
						1	OF 1