



Size	Class	A	B	Weight, kg (Approx.)	Qty
2"	150	203	135	17	
3"	150	241	150	26.5	
4"	150	292	190	43	
2"	300	267	145	22.5	
3"	300	318	170	37.5	
4"	300	356	210	61.5	

S.No.	DESCRIPTION	MATERIAL
1	Body	ASTM A216 Gr. WCB
2	Seat Ring	ASTM A105 + Stellite
3	Disc	ASTM A182 Gr. F6a / ASTM A217 Gr. CA15
4	Hinge	ASTM A216 Gr. WCB
5	Washer	SS 304
6	Hex. Nut	SS 304
7	Split Pin	SS 304
8	Hinge Pin	ASTM A276 Type 410
9	Gasket	Spiral Wound SS 316 With Graphite Filler
10	Cover	ASTM A216 Gr. WCB
11	Stud	ASTM A193 Gr. B7
12	Hex. Nut	ASTM A194 Gr. 2H
--	Identification Plate	Stainless Steel

STANDARDS	
Design	BS 1868
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

FOR CLASS 300

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

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> <p>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.</p>	
DRAWN		VKK		TITLE			
CHECKED		LJ		SIZE : SEE TABLE		CLASS : SEE TABLE TRIM : 8	
APPROVED		RM		DRG. No. :		REV	
2	02.11.11	--	CV	DATE	27.03.2008	LTR0045	
1	27.06.09	--	VKK			2	1 OF 1
REV	DATE	ALT.NO	SIG.	SCALE	NTS		