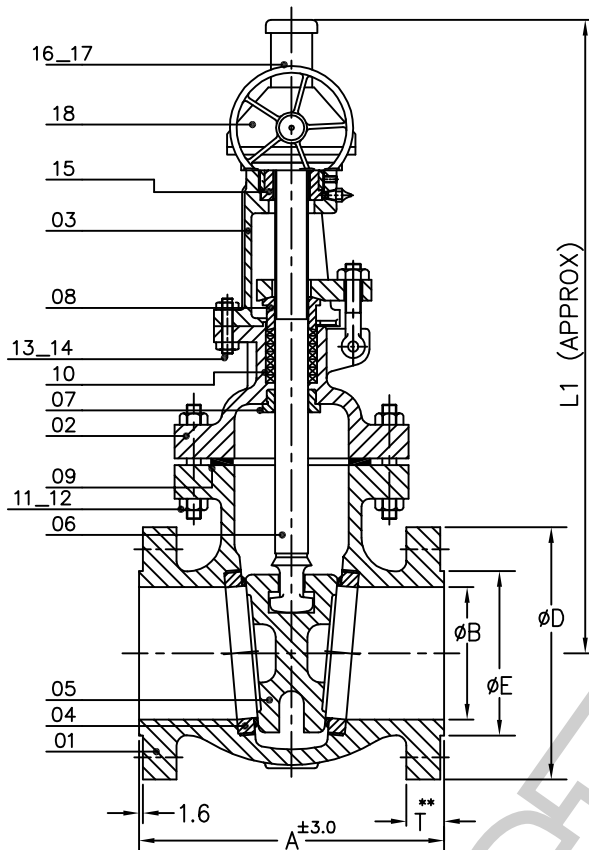


Customer: M/s.
 PROJECT: M/s.
 P.O.No.: _____ Date: _____
 W.O.No.: _____ Date: _____



CAST STEEL 150# GATE VALVES

DWG.NO.: - SDGTV150_650-1000GO REV.: -00



PART NO.	PART NAME	MATERIAL								QTY	
01	BODY	WCB	CF8	CF8M	CF3M	WC6	WC9	C5/C12	LCB	1	
02	BONNET	WCB	CF8	CF8M	CF3M	WC6	WC9	C5/C12	LCB	1	
03	YOKE	WCB	CF8	CF8M	CF3M	WC6	WC9	C5/C12	LCB	1	
04	BODY SEAT	#	*	*	*	#	#	#	CF8	2	
05	WEDGE SEAT	#	CF8	CF8M	CF3M	#	#	#	CF8	1	
06	STEM	SS410	SS304	SS316	SS316L	SS410	SS410	SS410	SS304	1	
07	BACKSEAT	SS410	*	*	*	SS410	SS410	SS410	SS304	1	
08	GLAND BUSH	SS410	SS304	SS316	SS316L	SS410	SS410	SS410	SS304	1	
09	GASKET	SPIRAL WOUND SS304 + GRAFOIL		SPIRAL WOUND SS316 + GRAFOIL		SPIRAL WOUND + GRAFOIL		SS304	SP.W SS304+ GRAFOIL	1	
10	PACKING	GRAFOIL				GRAFOIL			GRAFOIL	AS REQ.	
11	BODY STUD	ASTM A 193 Gr. B7				ASTM A 193 Gr. B16				L7	AS REQ.
12	BODY STUD NUT	ASTM A 194 Gr. 2H				ASTM A 194 Gr. 7				L7	AS REQ.
13	YOKE STUD	ASTM A 193 Gr. B7				ASTM A 193 Gr. B16				L7	AS REQ.
14	YOKE STUD NUT	ASTM A 194 Gr. 2H				ASTM A 194 Gr. 7				L7	AS REQ.
15	YOKE SLEEVE	ASTM A 439 Gr. D2									1
16	HANDWHEEL	MALLEABLE IRON									1
17	HANDWHEEL NUT	CARBON STEEL									1
18	GEAR BOX	SSV MAKE									1

NOTE: Face to face as per ASME B 16.10.(2009)
 Flanged end as per ASME B 16.47 (1996)
 SERIES A (RF 125-250 AARH)
 ASME B 16.47 (1996) SERIES B- ON REQUEST
 # BODY MATERIAL + 13 % Cr. FACING.
 * INTEGRAL - BODY SEAT & BACKSEAT
 ** TOLERANCES ON FLANGE THK. 50 TO 80 =
 +7.8 mm & OVER 80 = +9.6
 UNSPECIFIED MATERIAL CONFIRM AS PER
 API 600 (ISO10434) /MANUFACTURER

DESIGN STD.: BS 1414 (1975) ASME B 16.34(2009)

CLASS		150							
SIZE / NB		26"650	28"700	30"750	32"800	34"850	36"900	38"950	40"1000
A		559	610	610	660	686	711	737	762
B(min.)		635.0	686.0	737.0	794.0	830	876.0	925.0	976.0
D		870.0	927.1	984.3	1060.5	1111.1	1168.4	1238.2	1289.0
E		749.3	800.1	857.3	914.4	965.2	1022.4	1073.1	1123.9
L1		2695	2895	3145	3295	3495	3695	3922	4150
T		68.3	71.4	74.7	81.0	82.6	90.4	87.3	90.4
FLANGE DRILLING	B.C.	806.4	863.6	914.4	977.9	1028.7	1085.8	1149.3	1200.1
	DIA.	35.0	35.0	35.0	41.1	41.1	41.1	41.1	41.1
	Nos.	24	28	28	28	32	32	32	36
WT. IN KG.(APPROX.)		1900	2000	2100	2220	3020	3800	4000	4200
QTY Nos.		-	-	-	-	-	-	-	-

SPECIAL TRIM REQUIREMENTS		YES	NO
04	BODY SEAT	STELLITED	
04&05	BODY SEAT & WEDGE SEAT	STELLITED	

MATERIAL GRADE	WCB	CF8	CF8M	CF3M	WC6	WC9	C5	C12	LCB	SS.410	SS.316	SS316L	L7
ASTM NO	A216	A351	A351	A351	A217	A217	A217	A217	A352	A276	A276	A276	A320

TEST STD.: API598/BSEN 12266-1

TEST PRESSURE		PSIG	Kg/cm ²
HYDROSTATIC	SHELL	450	32
	SEAT BACK SEAT	325	23
PNEUMATIC	SEAT	80	6

STEEL STRONG - APPROVED BY  , ISO 9001-2008, (C & S) MARKING

API 6D-0315

ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

REV. 00
 Date: 01/07/2011

APPROVED BY C. S. Deo

CHECKED BY Pankaj

PREPARED BY Pankaj

FOR APPROVAL

FOR REFERENCE