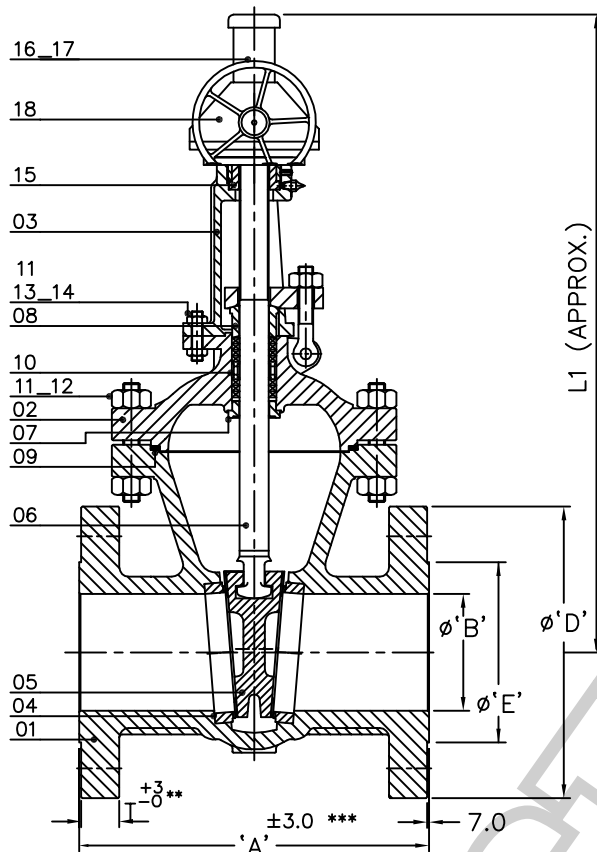


Customer: M/s.
 PROJECT: M/s.
 P.O.No.: _____ Date: _____
 W.O.No.: _____ Date: _____



CAST STEEL 600# GATE VALVES

DWG.NO.: - SDGTV300_300-600GO 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 16.5.(2009)

(RF 125-250 AARH)

BODY MATERIAL + 13 % Cr. FACING.

* INTEGRAL - BODY SEAT & BACKSEAT

** FOR T, SIZE 20" & ABOVE +5, -0

* FOR SIZE 10", ±2

UNSPECIFIED MATERIAL CONFIRM AS PER

API 600 (ISO10434) /MANUFACTURER

DESIGN STD.: API 600-2001 (ISO 10434:1998)

CLASS	600							
SIZE / NB	10"/250	12"/300	14"/350	16"/400	18"/450	20"/500	24"/600	
A	787	838	889	991	1092	1194	1397	
B(min.)	247.7	298.5	326.9	374.7	419.1	463.6	558.8	
D	510	560	605	685	745	815	940	
E	323.8	381	412.8	469.9	533.4	584.2	692.2	
L1	1272	1570	1755	1865	2125	2295	2706	
T	63.5	66.7	69.9	76.2	82.6	88.9	101.6	
FLANGE DRILLING	B.C.	431.8	489	527	603.2	654	723.9	838.2
	DIA.	34.9	34.9	38.1	41.3	44.5	44.5	50.8
	Nos.	16	20	20	20	20	24	24
WT. IN KG.(APPROX.)	835	1122	1537	1882	2412	2769	4412	
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	2225	156
	SEAT BACK SEAT	1650	116
PNEUMATIC	SEAT	80	6

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

API 6D-0315

ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

Nos. 00

Date: 01/07/2011

REV.

APPROVED BY C. S. Dec

FOR APPROVAL

CHECKED BY Pankaj

FOR REFERENCE

PREPARED BY Pankaj