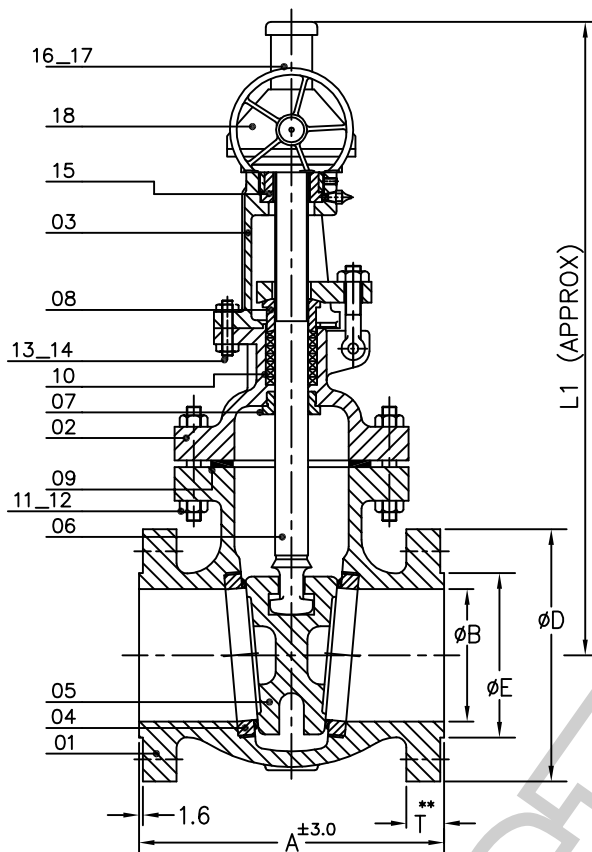


Customer: M/s.
 PROJECT: M/s.
 P.O.No.: _____ Date: _____
 W.O.No.: _____ Date: _____



CAST STEEL 300# GATE VALVES

DWG.NO.: - SDGTV300_700-900GO 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								
16	HANDWHEEL	MALLEABLE IRON								
17	HANDWHEEL NUT	CARBON STEEL								
18	GEAR BOX	SSV MAKE								

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)

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	300			
SIZE / NB	28"700	30"700	36"900	
A	1346	1397	1727	
B(min.)	685.0	737.0	876.0	
D	1035.0	1092.2	1270.0	
E	800.1	857.3	1022.4	
L1	3210	3500	3900	
T	85.9	91.9	104.6	
FLANGE DRILLING	B.C.	939.8	996.9	1168.4
	DIA.	44.45	47.5	53.8
	Nos.	28	28	32
WT. IN KG.(APPROX.)	-	-	-	
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	1125	79
	SEAT BACK SEAT	825	58
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

CHECKED BY Pankaj FOR APPROVAL

PREPARED BY Pankaj FOR REFERENCE