

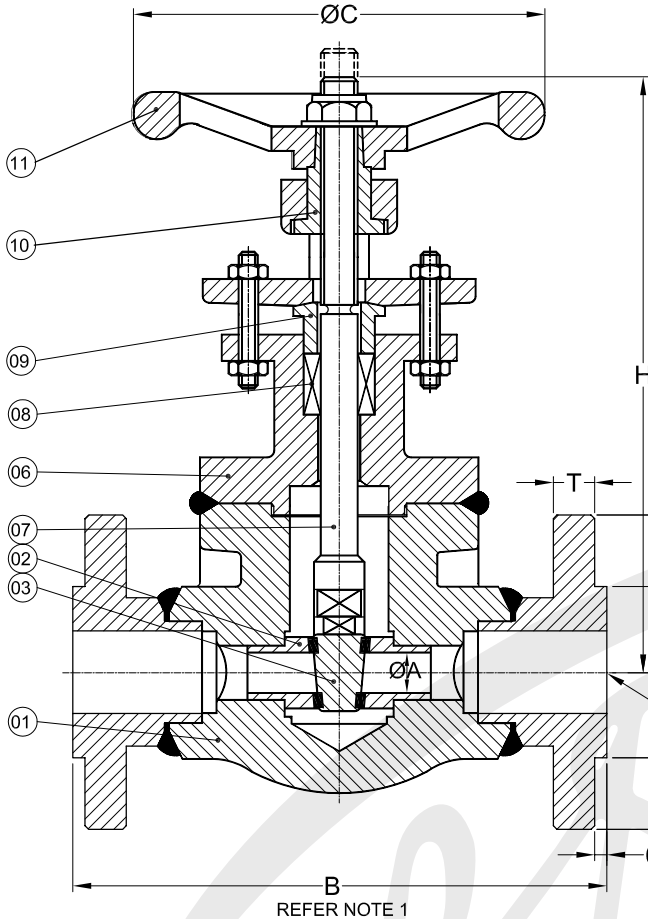
FORGED-STEEL - GATE VALVE

DATE : 24 APR 2008

DRG. NO. : FGTFE-F15-TWB2

00  
REV.NO.

SEAL WELDED BONNET DESIGN



PT.NO.	PART NAME	MATERIAL
01	BODY	A 105 / F 304 / F 316 / F 11 / F 22
02	SEAT RING -STELLITED	410 / 304 / 316
03	WEDGE -STELLITED	CA 15 / CF 8 / CF 8M
06	BONNET	A 105 / F 304 / F 316 / F 11 / F 22
07	STEM	410 / 304 / 316
08	PACKING	BRAIDED MOULDED GRAPHITE
09	GLAND	410 / 304 / 316
10	YOKE SLEEVE	NI-RESIST ASTM A-439 GR-D2
11	HANDWHEEL	MALLEABLE IRON IS:2108 Gr. B

DESIGN STD.: API 602-2005/ISO 15761-2002  
 TESTING STD.: API 598 / BS EN 12266-1:2003.  
 ALL DIMENSIONS ARE IN MM.

CLASS		1500					
SIZE		15	20	25	32	40	50
ØA		9.0	12	15	22	27	34
B ±1.5		216	229	254	279	305	368
ØC ±5		110	110	170	170	170	200
FLANGE DETAILS	ØD±1.5	121	130	149.5	159	178	216
	PCD±1.5	82.6	88.9	101.6	111.3	124	165
	HOLE Ø	22.4	22.4	25.4	25.4	28.5	25.4
	NO. OF HOLES	4	4	4	4	4	8
	T <sup>+3</sup> / <sub>0</sub>	22.4	25.4	28.5	28.5	31.8	38.0
H ±5 (APPROX.)	OPEN	173	180	216	249	249	292
	CLOSE	157	168	196	215	215	253
ØR ±0.8		35	43	51	63.5	73	92
Approx. Wt.-kg.		15	20	24	37	37	40
QTY.							
TAG. No.							

NOTE :

- DIMN. 'B' CONFORMS TO ASME - B16.10 / BS:2080.
- FLANGED ENDS TO ASME - B16.5.
- TEST PRESSURES FOR IBR, VALVES SHALL BE AS PER REQUIREMENTS.

CODE	A 105	F 304	F 316	CA 15	CF 8	CF 8M	410	304	316	F 22
MATL SPECN	A 105	A 182 F 304	A 182 F 316	A 217 CA 15	A 351 CF 8	A 351 CF 8M	A 276 410	A 276 304	A 276 316	A 182 F 22

TEST PRESSURE , bar

HYD	SHELL	389
	SEAT	285
	BACK SEAT	285
AIR	SEAT	7

CUSTOMER: \_\_\_\_\_  
 ORDER NO.: \_\_\_\_\_  
 JOB/PROJECT: \_\_\_\_\_

APPR:

CHD:

DRN:

FOR RECORD

FOR APPROVAL