

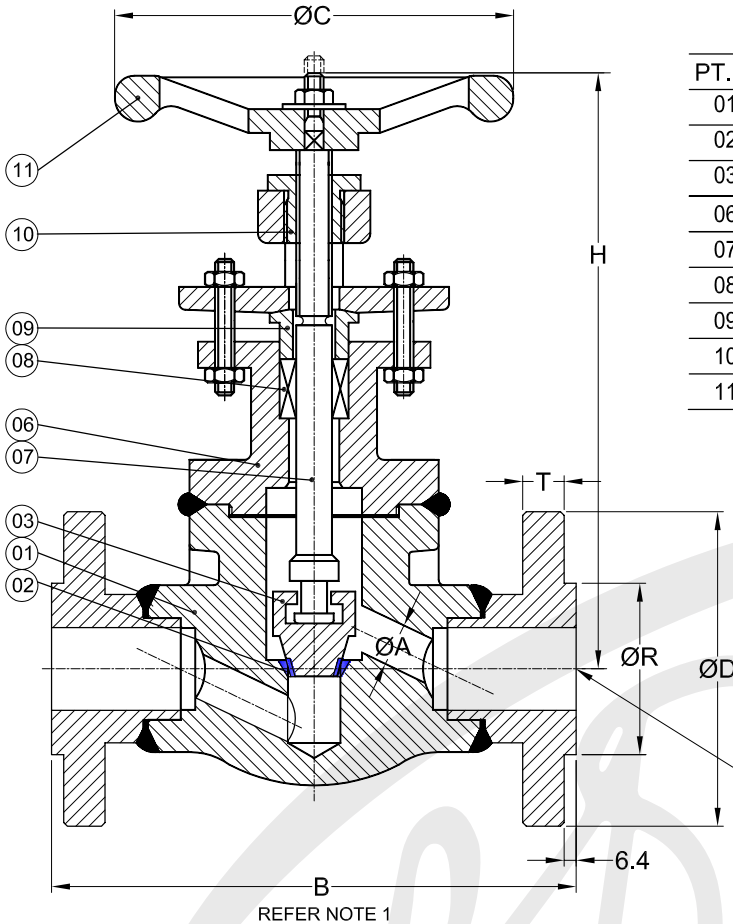
FORGED-STEEL - GLOBE VALVE

DATE : 24 APR 2008

DRG.NO: FGLFE-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	INTEGRAL
03	PLUG -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.

NOTE :

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

CLASS		1500					
SIZE		15	20	25	32	40	50
ØA		8.0	9.0	14	20	25	27
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 ⁺³ / ₀	22.4	25.4	28.5	28.5	31.8	38.0
H±5 (APPROX.)	OPEN	178	190	222	250	250	296
	CLOSE	164	173	204	222	222	256
ØR ±0.8		35	43	51	63.5	73	92
Approx. Wt.-kg.		14	22	25	34	34	37
QTY.							
TAG. No.							

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

CUSTOMER: _____
 ORDER NO.: _____
 JOB/PROJECT: _____

TEST PRESSURE , bar		
HYD	SHELL	389
	SEAT	285
	BACK SEAT	285
AIR	SEAT	7

APPR:

CHD:

DRN:

FOR RECORD

FOR APPROVAL