

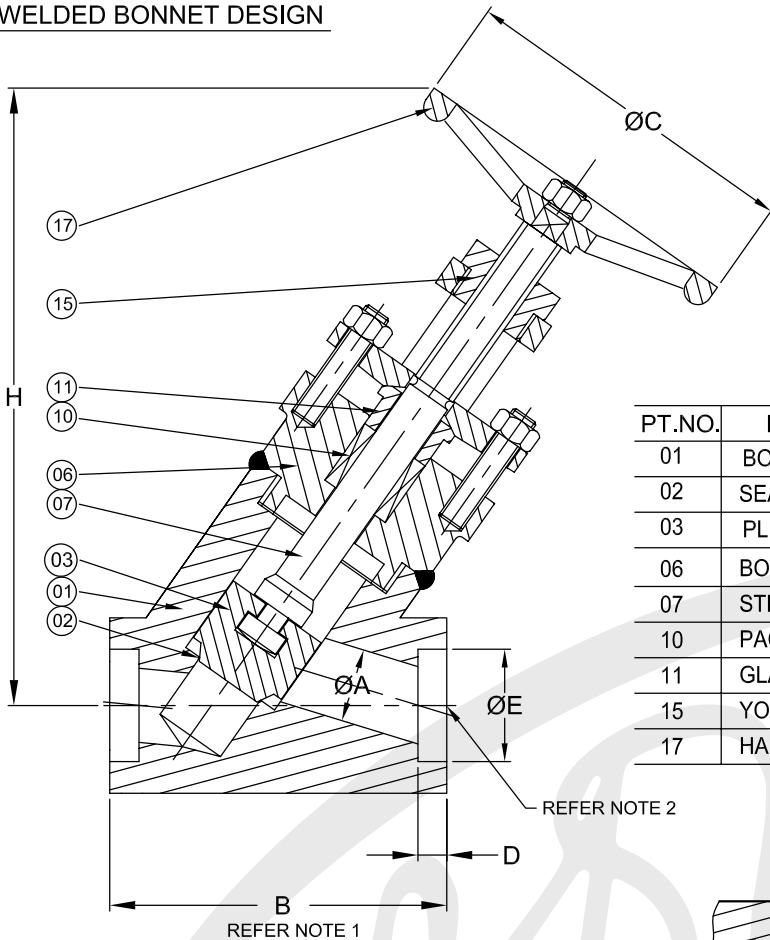
FORGED - 'Y' TYPE GLOBE VALVE

DATE : 01 MAR 2006

DRG.NO : FGL-F25-YWB

00
REV.NO.

WELDED BONNET DESIGN

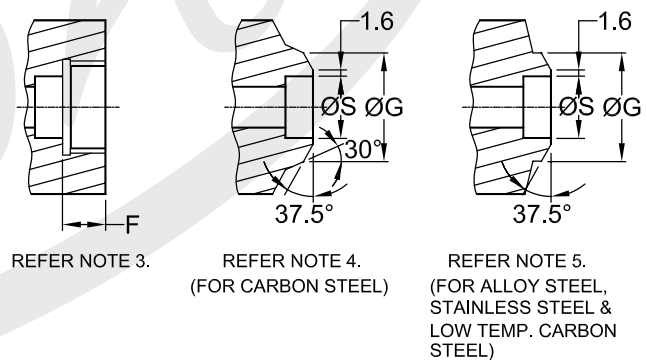


PT.NO.	PART NAME	MATERIAL
01	BODY	A105/ F22/ F316
02	SEAT RING - STELLITED	INTEGRAL
03	PLUG - STELLITED	CA15/ CF8/ CF8M
06	BONNET	A105/ F22/ F316
07	STEM	ASTM A564 TYPE 630 17-4PH
10	PACKING	BRAIDED GRAPHITE RINGS
11	GLAND	410/ 304/ 316
15	YOKE SLEEVE	NI-RESIST ASTM A-439 GR-D2
17	HANDWHEEL	MALLEABLE IRON IS:2108 Gr. B

APPROVED :
CHECKED :
DRAWN :

DESIGN STD.: ASME B16.34 (ANSI)
TESTING STD.: API 598 / BS EN 12266-1:2003.
ALL DIMENSIONS ARE IN MM.

CLASS	2500					
	15	20	25	40	50	
SIZE						
ØA	11	14	19	28	38	
B ±5	86	98	105	145	145	
ØC ±5	110	110	170	170	170	
D ±0.3	9.7	12.7	12.7	12.7	15.8	
ØE	21.8	27.2	33.9	48.8	61.2	
F	13.5	14.5	17.3	21	22	
ØG	23	28	35	50	62	
H APPROX.	OPEN	190	225	241	263	335
	CLOSE	175	190	210	231	298
ØS	SCH 40	15.8	20.9	26.7	40.9	52.5
	SCH 80	13.9	18.9	24.3	38.1	49.3
Approx. Wt.-kg.	3.5	6	7	14.5	21	
QTY.						
TAG. No.						



- NOTE :
- DIMN. 'B' AS PER MANUFACTURER'S STANDARD.
 - SOCKET WELD ENDS TO ASME - B16.11.
 - SCREWED ENDS TO BSP / BSPT - BS 21 / IS 554, NPT - ASME-B1.20.1.
 - BUTT WELD ENDS TO ASME-B16.25, FIG 2 TYPE 'A'
 - BUTT WELD ENDS TO ASME-B16.25, FIG 4
 - TEST PRESSURES FOR IBR, VALVES SHALL BE AS PER IBR, 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

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

TEST PRESSURE , bar		
HYD	SHELL	647
	SEAT	475
	BACK SEAT	475
AIR	SEAT	7

FOR APPROVAL FOR RECORD