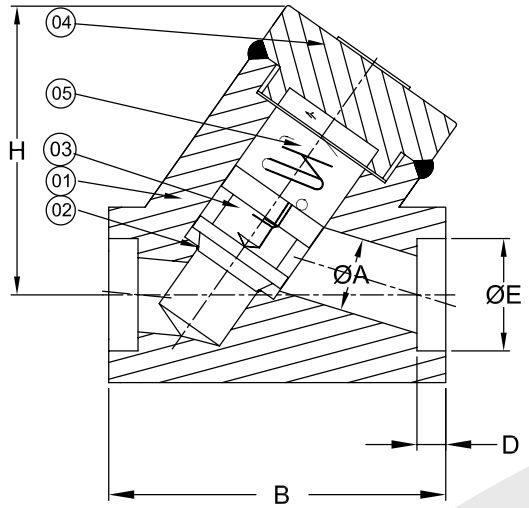
B.D.K. ENGINEERING INDUSTRIES LIMITED

FORGED - 'Y' TYPE LIFT CHECK VALVE	DATE : 01 MAR 2006	DRG.NO : FLC-F25-YWB	00 REV.NO.

WELDED COVER DESIGN



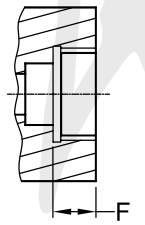
REFER NOTE 1

PT.NO.	PART NAME	MATERIAL
01	BODY	A105 / F22 / F316
02	SEAT RING - STELLITED	INTEGRAL
03	DISC - STELLITED	410 / 304 / 316
04	COVER	A105 / F22 / F316
05	SPRING	SS 316

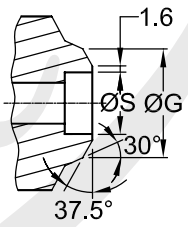
DESIGN STD.: ASME B16.34 (ANSI)
TESTING STD.: API 598 / BS EN 12266-1:2003.

ALL DIMENSIONS ARE IN MM.

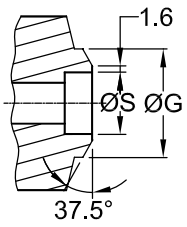
CLASS		2500				
SIZE		15	20	25	40	50
ØA		11	14	19	28	38
B ±5		86	98	105	145	145
D ±0.3		9.7	12.7	12.7	12.7	15.8
ØE		21.8	27.2	33.9	48.8	61.2
F		13.5	14.5	17.3	21	22
ØG		23	28	35	50	62
H ±5 APPROX.		65	77	85	114	120
ØS	SCH 40	15.8	20.9	26.7	40.9	52.5
	SCH 80	13.9	18.9	24.3	38.1	49.3
Approx. Wt.-kg.		2.2	3.5	4.2	11.5	17
QTY.						
TAG. No.						



REFER NOTE 3.



REFER NOTE 4.
(FOR CARBON STEEL)



REFER NOTE 5.
(FOR ALLOY STEEL, STAINLESS STEEL & LOW TEMP. CARBON STEEL)

NOTE :

1. DIMN. 'B' AS PER MANUFACTURER'S STANDARD.
2. SOCKET WELD ENDS TO ASME - B16.11.
3. SCREWED ENDS TO BSP / BSPT - BS 21 / IS 554. NPT - ASME-B1.20.1.
4. BUTT WELD ENDS TO ASME-B16.25, FIG 2 TYPE 'A'
5. BUTT WELD ENDS TO ASME-B16.25, FIG 4
6. 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

MANUFACTURED BY : M/s B.D.K. ENGINEERING INDUSTRIES LIMITED, HUBLI - 580 030 , INDIA

APPROVED :
CHECKED :
DRAWN :
☐ FOR RECORD
☑ FOR APPROVAL