



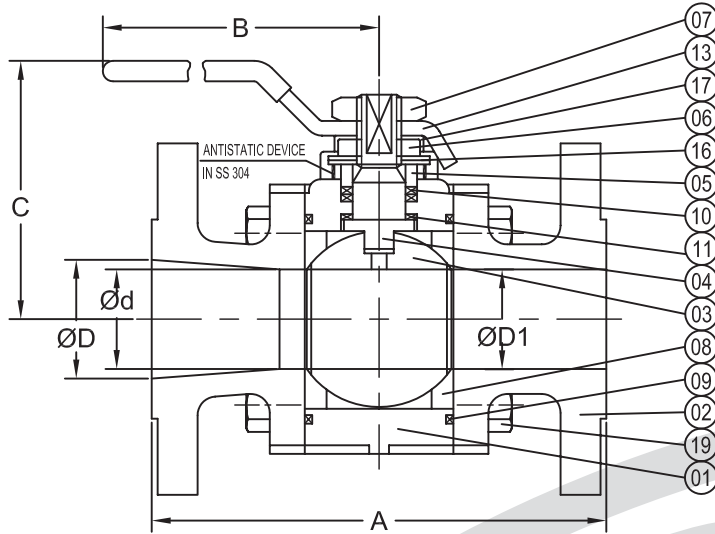
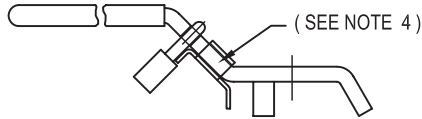
**BALL VALVE - SERIES 'W'**

DATE : 12 SEPT. 2008

DRG. NO : BV 3104

05  
REV. NO.

**3 - PIECE, REDUCE & FULL BORE - FIRE SAFE**



PT. NO.	PART NAME	MATERIAL			
01	BODY	A105	CF8	CF8M	
02	END PIECE	WCB	CF8	CF8M	
03	BALL	410	304	316	
04	STEM	410	304	316	
05	GLAND	410	304	316	
06	GLAND NUT	304			
07	LEVER NUT	304			
08	SEAT	PTFE / CFT / GFT			
09	BODY SEAL	GRAFOIL			
10	STEM SEAL	GRAFOIL			
11	STEM WASHER	25% GFT			
13	LEVER	STEEL WITH PVC SLEEVE			
19	HEX. SCREW	304			

NOTE :

1. ONLY DIMENSION 'A' IS CERTIFIED & CONFORMS TO ASME B16.10 / EN 558 -2. OTHER DIMENSIONS & WEIGHTS ARE INDICATIVE.
2. RAISED FACE FLANGED ENDS AS PER ASME B 16.5.
3. FIRE SAFE TESTED AS PER API : 607 5th EDITION.
4. PAD LOCK ARRANGEMENT OPTIONAL, AND LOCK IS NOT IN SCOPE OF OUR SUPPLY.

DESIGN STD. : BS EN ISO 17292 ( BS 5351 ) / TESTING STD.: EN 12266 -1 ( BS 6755 -1 )  
ALL DIMENSIONS ARE IN mm.

CLASS		150 / 300																		
SIZE		A						Ø d		ØD		ØD1		B		C		WEIGHT - kgs		QTY.
CLASS		150		300												150		300		
RB	FB	RB	FB	RB	FB	RB	FB	RB	FB	RB	FB	RB	FB	RB	FB	RB	FB	RB	FB	
15	--	108	--	140	--	11	13	--	120	80	1.5	--	2.4	--						
20	15	117	108	152	140	13	20	13	120	80	1.7	1.7	3.3	2.7						
25	20	127	117	165	152	20	25	20	145	85	2.6	2.5	4.3	3.8						
32	25	140	127	178	165	25	32	25	145	90	3.8	2.9	5.1	4.9						
40	32	165	140	190	178	32	38	32	175	105	5.7	4.2	9.3	6.8						
50	40	178	165	216	190	38	51	38	175	110	8.2	6.5	11.2	10.2						

RB = REDUCED BORE

FB = FULL BORE

CODE	A105	WCB	CF8	CF8M	410	304	316
MATERIAL	ASTM	A216	A351	A351	A276	A276	A276
SPECN.	A105	WCB	CF8	CF8M	410	304	316

TEST PRESSURES, bar			
CLASS		150	300
HYD.	SHELL	30	76
	SEAT	22	56
AIR	SEAT	6.9	

CUSTOMER : \_\_\_\_\_

ORDER NO. : \_\_\_\_\_

JOB/PROJECT : \_\_\_\_\_

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

APPROVED :

CHECKED :

DRAWN :

FOR APPROVAL  FOR RECORD