bhpbilliton
resourcing the future

Manual Ball Valve Data Sheet

Specification No:
VB1

File Name:	H333588-0000-60-107-0003	Electronic version current Uncontrolled copy valid only at time of printing	Current Revison No.: 0
Date Printed:	21-Jan-11		Number of Pages: 1
			Valve Tag Number: VB1

Project No.:	H333588	Rev.	Date	Description of Issue	Originator	Chkd.	Disc. Lead	Eng. Mngr	Client	
Document No:	333588-0000-60-107-0003									
		A	31/03/10	Internal Review	TD	NM	NM	MD		
		B	22/04/10	Client Review	TD	NM	NM	MD		
		0	15/06/10	Approved for Enquiry	TD	NM	NM	MD		
		1	20/01/11	Issue for Use	RC	PC			PC	

DATA BY ENGINEER

Line	SECTION 1: GENERAL						Rev.
1	DESCRIPTION FIELDS						
2	Valve Description			-	Ball Valve, 3 Pce, Full Bore, Threaded BSP		
3				-			
4	Size Range (DN)	Min	Max	-	15	40	
5				-			
6	Valve Pattern			-	Full Port		
7	Design Standards			-	ANSI B16.34		
8	Rating			-	CL 600		
9	Operator Type			-	LEVER		
10	End Connection			-	Scr'd FBSP x Scr'd FBSP		
11	Face to Face Dimensions			-	ANSI, B16.34		
12							
13	**SECTION 2: MATERIALS**						
14	Body				ASTM A351-CF8M		
15	Stem				Stainless Steel 316		
16	Ball				ASTM A351-CF8M		
17	*Seats*				PTFE		1
18	Gland Packing				PTFE		1
19	Body/Bonnet & Gland Bolting				Stainless Steel 304		
20							
21	**SECTION 3: DESIGN CONDITIONS**						
22	Design Pressure (kPa)	Min	Max		0	1400	
23	Design Temperature (°C)				80		
24							
25	**SECTION 4: TESTING**						
26	Pressure Test Body				API 598		
27	Pressure Test Seat				API 598		
28							
29	**SECTION 5: SPECIAL REQUIREMENTS**						
30	Fire Test				N/A		
31	Pressure Containing Parts				0		1
32	Markings				Note 1		1
33	Operator				Valve handle shall be lockable		
34							
35	**SECTION 6: REFERENCE**						
36	Painting				Not Required		
37	Piping Material Classes				ST, XS, NH, XN, GA		
38	Fluid Service				PA, IA, CW, RE, HM, FW, SL		
39	Manufacturer(s)				Richards or equivalent		1
40	Ident Code/Valve size				Figure R152 SBBTSTI/00 trim or equivalent		1
41							
42	**NOTES**						