

Project : South Pars Field Development (Phases II & III)

Customer : Hyundai Eng. & Con. Co., Ltd.

Order No. ATS-2760M-L-0023

Job No. 99012

Scan No. 761

NOTES: VALVE PROFILE MAY VARY

HINGE/STOP PINS MUST BE VERTICAL FOR HORIZONTAL FLOW

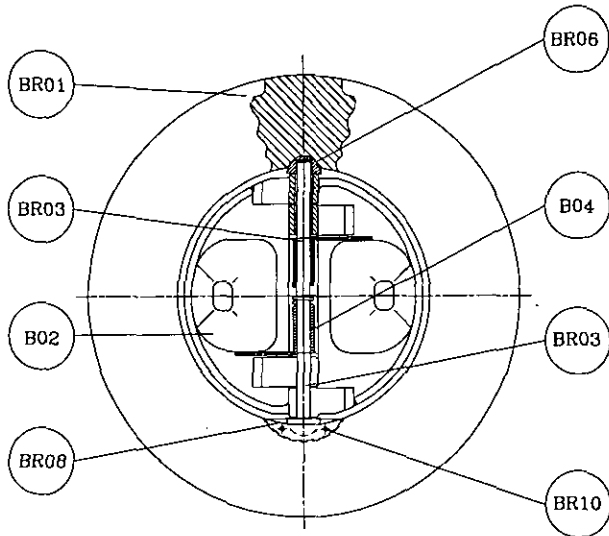
LIFTING EYEBOLTS WILL BE SUPPLIED FOR VALVES 6" AND LARGER

SERVICE FLUID : AF, BB, BW, CA, CH, CL, CW, DF

PIPING CLASS : B01, B03, B06, B10, B12

OPER. TEM.(MAX) : 200°C

ITEM	DESCRIPTION	MATERIAL	
		FORGE MATERIAL	CAST MATERIAL
BR01	BODY	ASTM A105	ASTM A216 WCB
B02	PLATE	SOLID STELLITE 6	
BR03	HINGE PIN	AISI316	
BR03	STOP PIN	AISI316	
B04	SPRING	INCONEL X750	
BR06	CARRIER	AISI316	
BR08	KEEPER PLATE	AISI 316	
BR10	RETAINING SCREW	AISI 316	
	BODY SEAT	STELLITE 6 OVERLAY	
	PLATE SEAT	AS PLATE	

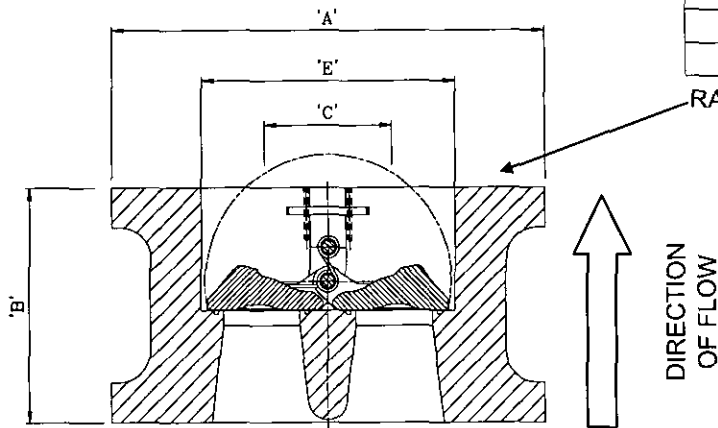


ITEM No.	TAG NUMBER	SIZE	CLASS	CASTING OR FORGING	DIM A (MM)	DIM B (MM)	DIM C (MM)	DIM E (MM)	STUD SELECTION					PROFILE	SPECIAL FEATURE
									No. OFF	DIA (INCHES)	LENGTH (MM)	WEIGHT (KG)			
8	VCD10131	2"	150lb	FORGING	104.8	60.3	-	57.2	4	0.625	152.4	3.2	F	None	
9	VCD10131	3"	150lb	FORGING	136.5	73.0	50.8	86.9	4	0.625	177.8	6.4	F	None	
10	VCD10131	4"	150lb	FORGING	174.6	73.0	88.9	113.0	8	0.625	177.8	9.5	F	None	
		6"	150lb	FORGING	222.3	98.4	139.7	165.6	8	0.75	209.6	16	F		
		8"	150lb	FORGING	279.4	127.0	171.5	206.5	8	0.75	247.7	36	F		
		10"	150lb	FORGING	339.7	146.1	235.0	260.4	12	0.875	279.4	52	F		
		12"	150lb	FORGING	409.6	181.0	260.4	300.2	12	0.875	311.2	97	F		
		14"	150lb	CASTING	450.9	184.2	285.8	338.8	12	1	330.2	123	c		
		16"	150lb	CASTING	514.4	190.5	331.8	387.4	16	1	342.9	133	c		
		18"	150lb	CASTING	549.3	203.2	395.3	438.2	16	1.125	368.3	141	c		
		20"	150lb	CASTING	606.4	219.1	438.2	487.4	20	1.125	384.2	215	c		
		24"	150lb	CASTING	717.6	222.3	536.6	578.6	20	1.25	412.8	358	c		
		26"	150lb	CASTING	774.7	355.6	596.9	629.4	24	1.25	587.4	680	c		
		28"	150lb	CASTING	831.9	381.0	647.7	680.2	28	1.25	619.1	544	c		
		30"	150lb	CASTING	882.7	304.8	641.4	734.8	28	1.25	533.4	662	c		
		32"	150lb	CASTING	939.8	355.6	641.4	784.1	28	1.5	625.5	707	c		
		36"	150lb	CASTING	1047.8	368.3	647.7	864.6	32	1.5	657.2	682	c		

RAISED FACE STOCK FINISH TO ASME B16.5 250 TO 500 AARH

VALVES 2" TO 24" FIT BETWEEN ASME B16.5 FLANGES

VALVES 26" AND ABOVE TO FIT BETWEEN ASME B16.47 SERIES A FLANGES



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TITLE WAFFER TYPE CHECK VALVE			PROJECTION 3RD		
SCALE	DRAWN PQ	PROJECTION 3RD	REV	SIZE	
VALVE CODE BR-015-CUUPS-YS	CHECKED VA	DATE 11-Apr-00	AM12862-2	2	A3