



PART LIST				
ITEM	DESCRIPTION	REQ'D	MATERIAL	ASTM
1	CAP SCREW	1	304 STAINLESS STEEL	A193
2	WRENCH NUT	1	CAST IRON [SEE NOTE 2] (B)	A126
3	STEM	1	BRONZE	B138
4	STUFFING BOX	1	CAST IRON [SEE NOTE 2] (B)	A126
5	STUFFING BOX BOLTS STUFFING BOX NUTS	2	304 STAINLESS STEEL 304 STAINLESS STEEL	A193 F594
6	O-RING	3	RUBBER	D2000
7	O-RING	1	RUBBER	D2000
8	ANTI-FRICTION WASHER	2	CELCON	
9	BONNET	1	CAST IRON	A126
10	BONNET BOLTS BONNET NUTS	"Z"	304 STAINLESS STEEL 304 STAINLESS STEEL	A193 F594
11	BONNET GASKET (O-RING)	1	RUBBER	D2000
13	DISC NUT	1	BRONZE	B62
14	DISC	1	SEE NOTES 1 & 2 (A) (B)	
15	GUIDE CAP	2	CELCON	
16	BODY - FLANGE ENDS	1	CAST IRON [SEE NOTE 2] (B)	CLASS B
17	HANDWHEEL	1	CAST IRON (B)	A126
18	BODY - MJ ENDS	1	CAST IRON [SEE NOTE 2] (B)	A126
19	BODY - SLIP-ON ENDS	1	CAST IRON [SEE NOTE 2] (B)	A126
20	BODY - FLANGE x MJ END	1	CAST IRON [SEE NOTE 2] (B)	A126
21	BODY - FLANGE x SLIP-ON END	1	CAST IRON [SEE NOTE 2] (B)	A126
22	WIPER RING	1	RUBBER	

(B) NOTES:
 1. RUBBER ENCAPSULATED CAST IRON DISC
 CAST IRON - ASTM A126 CLASS B
 RUBBER - SBR - ASTM D2000
 2. MANUFACTURER'S OPTION TO UPGRADE MAT'L
 TO D1 - A536 GR 65-45-12

DIMENSIONS FOR RESILIENT WEDGE VALVE - INCHES (this drawing only)

VALVE SIZE	A	B	C	D	E	F	G	H	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	TURN TO OPEN
4	14.19	(A) 8.25	(A) 10.79	11.00	4.30	9.00	0.94	9.00	8 - 0.75	7.50	4.90	9.12	1.00	2.50	10.00	4 - 0.88	7.50	4.92	6.88	4.12	12.81	8.62	4	4.50	9.50	10.91	14
6	18.00	10.50	13.50	13.00	6.30	11.00	(A) 1.06	10.50	8 - 0.88	9.50	7.00	11.12	(A) 1.09	2.50	(A) 11.60	6 - 0.88	9.50	7.02	9.12	4.38	(A) 14.96	10.62	6	5.25	(A) 11.06	(A) 12.73	20.5
8	21.50	(A) 13.21	(A) 16.36	14.00	8.30	13.50	(A) 1.19	11.50	8 - 0.88	11.75	9.15	13.37	(A) 1.18	2.50	(A) 12.68	6 - 0.88	11.75	(A) 9.30	11.38	5.62	(A) 17.94	13.12	6	5.75	(A) 12.09	(A) 14.72	26.5
10	25.50	16.48	(A) 19.99	16.00	10.30	16.00	(A) 1.25	13.00	12 - 1.00	14.25	11.20	15.62	(A) 1.25	2.50	(A) 14.88	8 - 0.88	14.00	(A) 11.38	13.50	5.62	(A) 18.50	16.38	8	6.50	(A) 13.94	(A) 15.75	33
12	28.62	(A) 16.83	21.00	16.00	12.30	19.00	(A) 1.31	14.00	12 - 1.00	17.00	(A) 13.30	17.88	(A) 1.31	2.50	(A) 15.00	8 - 0.88	16.25	(A) 13.33	15.75	5.62	(A) 18.70	18.12	8	7.00	(A) 14.50	(A) 16.35	38.5

ECO 1378822	1.06 WAS 1.00	1.25 WAS 1.19	11.38 WAS 11.25	12.09 WAS 12.00	(B)
8.25 WAS 8.19	1.19 WAS 1.12	1.31 WAS 1.25	13.33 WAS 13.31	13.94 WAS 13.88	
13.21 WAS 13.12	1.25 WAS 1.19	11.60 WAS 11.50	14.96 WAS 14.81	14.50 WAS 14.44	ECO 1451145
16.83 WAS 16.75	1.31 WAS 1.25	12.68 WAS 12.50	17.94 WAS 17.88	12.73 WAS 12.66	ADDED MANUFACTURER'S OPTION
10.79 WAS 10.81	13.30 WAS 13.20	14.98 WAS 14.75	18.50 WAS 18.43	14.72 WAS 14.69	AND NOTE 2
16.36 WAS 16.38	1.09 WAS 1.06	15.00 WAS 14.88	18.70 WAS 18.62	15.75 WAS 15.72	MCB 10/22/07
19.99 WAS 19.92	1.18 WAS 1.12	9.30 WAS 9.19	11.06 WAS 11.00	16.35 WAS 16.31	

APPROVED
 By CHAD POOLE at 6:10 pm, Nov 18, 2007

DR BY: CAP	11/08/05	UNLESS OTHERWISE NOTED	THIRD ANGLE PROJECTION	C.D. NO.
CHKD: PSC	11/08/05	BREAK CAST CORNERS!		PART. NO.
ENGR: RWV	11/08/05	BREAK MACH CORNERS!		
MFR:		TOLERANCES	PURCH. NO.	FINISH
MFG:		UNLESS OTHERWISE NOTED	REF. NO.	SCALE
TOOL:		LINEAR		NONE
FBRY:		ANGULAR		
MAT'L: NOTED		STR. NO.		
UNITED STATES PIPE AND FOUNDRY CO. CHATTANOOGA, TENNESSEE		DESCR: 4IN - 12IN RWGV USPO W/O-RING BONNET GASKET		NUMBER U6644

U6644