





PART LIST				
ITEM	DESCRIPTION	REQ'D	MATERIAL	ASTM
1	CAP SCREW	1	316 STAINLESS STEEL	A193
2	WRENCH NUT*	1	CAST IRON	A126 CLASS B
3	STEM	1	BRONZE	B138 ALLOY C67600
4	STUFFING BOX*	1	CAST IRON	A126 CLASS B
5	STUFFING BOX BOLTS STUFFING BOX NUTS	2	316 STAINLESS STEEL 316 STAINLESS STEEL	A193 A194
6	O-RING	3	RUBBER	D2000 EPDM
7	O-RING	1	RUBBER	D2000 EPDM
8	ANTI-FRICTION WASHER	2	CELCON	
9	BONNET	1	DUCTILE IRON	A536 65-45-12
10	BONNET BOLTS BONNET NUTS	"Z"	316 STAINLESS STEEL 316 STAINLESS STEEL	A193 A194
11	BONNET GASKET (O-RING)	1	RUBBER	D2000 EPDM
13	DISC NUT	1	BRONZE	B62 ALLOY C83600
14	DISC*	1	SEE NOTE 1	
15	GUIDE CAP	2	CELCON	
16	BODY - FLANGE ENDS	1	DUCTILE IRON	A536 65-45-12
17	HANDWHEEL*	1	CAST IRON	A126 CLASS B
18	BODY - MJ ENDS	1	DUCTILE IRON	A536 65-45-12
19	BODY - SLIP-ON ENDS	1	DUCTILE IRON	A536 65-45-12
20	BODY - FLANGE x MJ END	1	DUCTILE IRON	A536 65-45-12
21	BODY - FLANGE x SLIP-ON END	1	DUCTILE IRON	A536 65-45-12
22	WIPER RING	1	RUBBER	

\* MANUFACTURES OPTION TO UPGRADE TO D1-A536, GR. 65-45-12

NOTES:  
1. RUBBER ENCAPSULATED CAST IRON DISC  
CAST IRON - ASTM A126 CLASS B  
RUBBER - EPDM - ASTM D2000

U6859 4" - 12" RWGV USP2 - W/EPDM RUBBER AND 316 SS FASTENERS

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	8.25	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	1.06	10.50	8 - 0.88	9.50	7.00	11.12	1.09	2.50	11.60	6 - 0.88	9.50	7.02	9.12	4.38	14.96	10.62	6	5.25	11.06	12.73	20.5
8	21.50	13.21	16.36	14.00	8.30	13.50	1.19	11.50	8 - 0.88	11.75	9.15	13.37	1.18	2.50	12.68	6 - 0.88	11.75	9.30	11.38	5.62	17.94	13.12	6	5.75	12.09	14.72	26.5
10	25.50	16.48	19.99	16.00	10.30	16.00	1.25	13.00	12 - 1.00	14.25	11.20	15.62	1.25	2.50	14.88	8 - 0.88	14.00	11.38	13.50	5.62	18.50	16.38	8	6.50	13.94	15.75	33
12	28.62	16.83	21.00	16.00	12.30	19.00	1.31	14.00	12 - 1.00	17.00	13.30	17.88	1.31	2.50	15.00	8 - 0.88	16.25	13.33	15.75	5.62	18.70	18.12	8	7.00	14.50	16.35	38.5

**APPROVED**  
By Jared Brandt at 2:02 pm, Apr 02, 2010

DR BY: NAF 04/02/10	UNLESS OTHERWISE NOTED	THIRD ANGLE PROJECTION	C.D. NO.
CHKD: CGH 04/02/10	BREAK CAST CORNERS!		PART. NO.
ENGR: RWV 04/02/10	BREAK MECH CORNERS!		
MFR:	TOLERANCES	PURCH. NO.	FINISH
MFG:	UNLESS OTHERWISE NOTED	REF. NO.	ASM
TOOL:	L INEAR		SCALE
FBY:	ANGULAR		NONE
	±	STR. NO.	

MAT'L NOTED	DESCR: 4" - 12" RWGV USP2 W/EPDM RUBBER AND 316 SS FASTENERS	NUMBER: U6859
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