



PART LIST					
ITEM	DESCRIPTION	REQ'D	MATERIAL	ASTM	
1	CAP SCREW	1	316 STAINLESS STEEL	F593	GROUP 2-CW
2	WRENCH NUT	1	DUCTILE IRON	A536	
3	STEM	1	MANGANESE BRONZE	B138	
4	STUFFING BOX	1	DUCTILE IRON	A536	
5	STUFFING BOX BOLTS	2	316 STAINLESS STEEL	F593	GROUP 2-CW
	STUFFING BOX NUTS	2	316 STAINLESS STEEL	F594	GROUP 2-CW
6	O-RING	3	RUBBER	D2000	
7	O-RING	1	RUBBER	D2000	
8	ANTI-FRICTION WASHER	2	ACETAL		
9	BONNET	1	DUCTILE IRON	A536	
10	BONNET BOLTS	"Z"	316 STAINLESS STEEL	F593	GROUP 2-CW
	BONNET NUTS	"Z"	316 STAINLESS STEEL	F594	GROUP 2-CW
11	BONNET GASKET (O-RING)	1	RUBBER	D2000	
13	DISC NUT	1	BRONZE	B584	
14	DISC	1	SEE NOTE 1 & 2		
15	GUIDE CAP	2	ACETAL		
16	BODY - FLANGE ENDS	1	DUCTILE IRON	A536	
17	HANDWHEEL	1	CAST IRON (SEE NOTE 2)	A126	CLASS B
18	BODY - MJ ENDS	1	DUCTILE IRON	A536	
19	BODY - SLIP-ON ENDS	1	DUCTILE IRON	A536	
20	BODY - FLANGE x MJ END	1	DUCTILE IRON	A536	
21	BODY - FLANGE x SLIP-ON END	1	DUCTILE IRON	A536	
22	WIPER RING	1	RUBBER		

NOTES:
 1. RUBBER ENCAPSULATED DUCTILE IRON DISC
 DUCTILE IRON - ASTM A536
 RUBBER - SBR - ASTM D2000
 2. MANUFACTURER'S OPTION TO UPGRADE MAT'L
 TO D1 - A536 GR 65-45-12 OR 70-50-05

7420 41N - 121N RWGV A2362

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	1.00	9.00	8 - 0.75	7.50	4.90	9.12	1.00	2.50	10.00	4 - 0.88	7.50	4.96	6.88	4.12	12.82	8.62	4	4.50	9.50	10.91	14
6	18.00	10.49	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	11.62	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	11.23	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 Matthew Sliger at 11:37 am, Jun 06, 2017

DR BY: AO	06/06/17	UNLESS OTHERWISE NOTED	THIRD ANGLE PROJECTION	C.D. NO.
CHKD: BB	06/06/17	BREAK CAST CORNERS!		PATT. NO.
ENGR: MS	06/06/17	BREAK MACH CORNERS!		
MFR:		TOLERANCES	PURCH. NO.	FINISH ASSY.
MFG:		UNLESS OTHERWISE NOTED	REF. NO.	SCALE
TOOL:		L INEAR		NONE
FDRY:		ANGULAR	STR. NO.	
MAT'L: NOTED		DESCR:		NUMBER
		Mueller Co.		7420