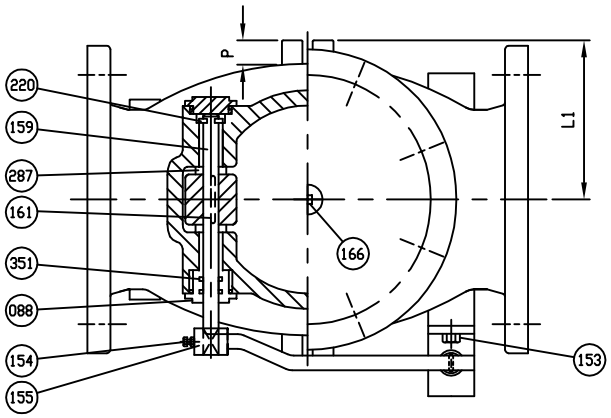
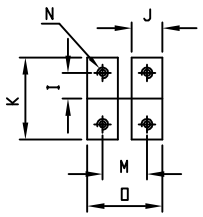
SUPPLIED WITH 8 MILS AMERLOCK 2 RED OXIDE EPOXY INTERIOR AND EXTERIOR OF THE VALVE

REFERENCE ONLY





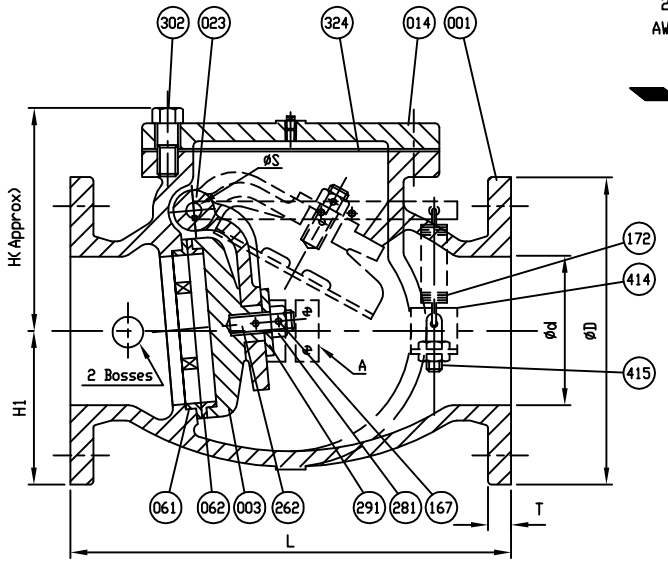
Detail A

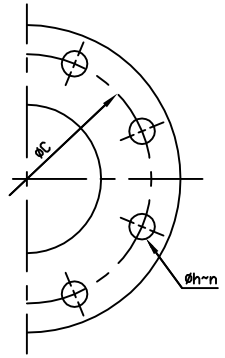
VALVE SIZE	PLUG SIZE
2	1/2
2 1/2	1/2
3	1/2
4	1/2
6	3/4
8	3/4
10	1
12	1

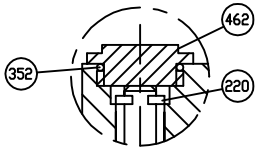
MARKING

SIZE (INCH)
200 CWP
AWWA C508

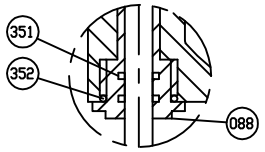
SCI
YEAR
POURING DATE







Detail for Retaining Plug



Detail for Seat Nut

NO.	PARTS	MATERIAL	ASTM. DESIGNATION.	Q'TY
462	Retaining Plug	Brass	B 21	1
415	Stud Nut & Nut	Zinc Coated Steel	A 307 Grade B	1
414	Arm B	Zinc Coated Steel	A 36	1 set
352	O-Ring C	Rubber (Buna N)	D 2000 BK 707	1
351	O-Ring B	Rubber (Buna N)	D 2000 BK 707	2
324	Gasket	Rubber (Buna N)	D 2000 BK 807	1
302	Cover Bolt	Zinc Coated Steel	A 307 Grade B	1 set
291	Washer	Brass	B 21	1
287	Spacer	Brass	B 21	2
281	Disc Nut	Brass	B 21	1
262	Disc Stud	Brass	B 21	1
220	Snap Ring	Stainless Steel	A 276 Type 420	1
172	Spring	Zinc Coated Steel	A 36	1
167	Pin	Stainless Steel	A 276 Type 304	2
166	Plug	Stainless Steel	A 276 Type 304	1
161	Key	Stainless Steel	A 276 Type 304	1
159	Hinge Pin	Stainless Steel	A 276 Type 304	1
155	Weight Arm	Ductile Iron	A 536 Gr. 65-45-12	1
154	Bolt & Nut	Zinc Coated Steel	A 307 Grade B	2
153	Bolt	Zinc Coated Steel	A 307 Grade B	1
088	Seat Nut	Brass	B 21	1
062	Disc Seat Ring	Bronze	B 62	1
061	Body Seat Ring	Bronze	B 62	1
023	Arm	Ductile Iron	A 536 Gr. 65-45-12	1
014	Cover	Cast Iron	A 126 Class B	1
003	Disc	Cast Iron	A 126 Class B	1
001	Body	Cast Iron	A 126 Class B	1

MATERIAL LIST

HYDRO SHELL	400	PSI.
HYDRO VALVE SEAT	200	PSI.
HYDRO BACK SEAT	—	PSI.
AIR SEAT	—	PSI.
STEAM	—	PSI.
TEST PRESSURE		
WORKING PRESSURE	200	PSI.

SIZE Ød in.	SIZE Ød mm.	L	ANSI B16.1 CL.125 ØD	ØC	Øh	n	T	ØS	H	H1	I	J	K	M	N	O	P	L1
2	(50)	8	6	4 3/4	3/4	4	5/8	3/8	4 15/16	3	7/16	7/8	1 11/16	—	5/16×18v(UNC)	—	3/8	2 13/16
2 1/2	(65)	8 1/2	7	5 1/2	3/4	4	11/16	3/8	5 11/16	3 1/2	7/16	7/8	1 11/16	—	5/16×18v(UNC)	—	3/8	3 9/16
3	(80)	9 1/2	7 1/2	6	3/4	4	3/4	1/2	6 1/16	3 3/4	3/4	1 1/2	3	2 1/2	1/2×13v(UNC)	4	3/4	4 1/16
4	(100)	11 1/2	9	7 1/2	3/4	8	15/16	1/2	6 7/8	4 1/2	3/4	1 1/2	3	2 1/2	1/2×13v(UNC)	4	3/4	4 15/16
6	(150)	14	11	9 1/2	7/8	8	1	3/4	8 1/2	5 1/2	3/4	1 1/2	3	2 1/2	1/2×13v(UNC)	4	3/4	5 15/16
8	(200)	19 1/2	13 1/2	11 3/4	7/8	8	1 1/8	7/8	9 15/16	6 3/4	7/8	1 3/4	3 1/2	3 1/4	5/8×11v(UNC)	5	1 1/4	8 1/16
10	(250)	24 1/2	16	14 1/4	1	12	1 3/16	1	11 3/16	8	7/8	1 3/4	3 1/2	3 1/4	5/8×11v(UNC)	5	1 1/4	9 3/16
12	(300)	27 1/2	19	17	1	12	1 1/4	1 1/8	13 9/16	9 1/2	7/8	1 3/4	3 1/2	3 1/4	5/8×11v(UNC)	5	1 1/4	10 13/16

MUELLER CO.

500 WEST ELDORADO ST. P.O. BOX 671 DECATUR, IL 62525 PHONE: 217-423-4471

SCALE	DR.	DATE	REF. DWG.
N.T.S.	JON COLPAN	10/20/10	1648C
	CHK. APP.	E.C.N.	

TITLE

SIZE 2" TO 12" SWING CHECK VALVE AWWA C508
BRONZE BODY SEAT RING & BRONZE DISC SEAT RING
WITH ONE LEVER AND SPRING

TYPE:	DWG NO.	REV.
A2600-6BBLS	M80004	2

DS01 ISSUED : 240640 REVISED: -

REVISION 1, CHANGED ITEM 166 MTRL. TYPE FROM MALLEABLE IRON A47 TO, UJC, 03/08/11, ECR# 456

REVISION 2, ADDED ITEM 220 SNAP RING MATERIAL TYPE, UJC, 04/04/11, ECR# 491