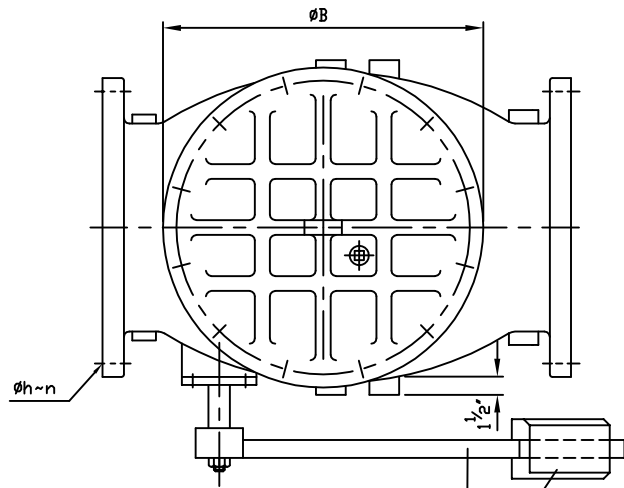
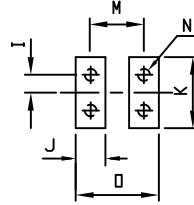


DS01 ISSUED : 240640 REVISED : USA1362C=>CHANGE THREAD UNC

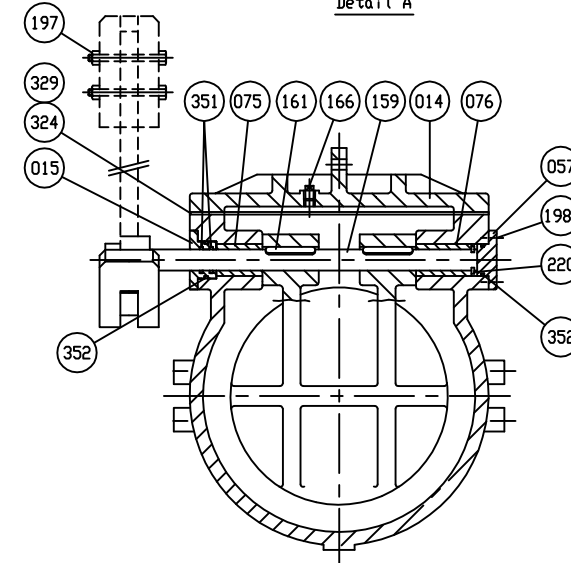
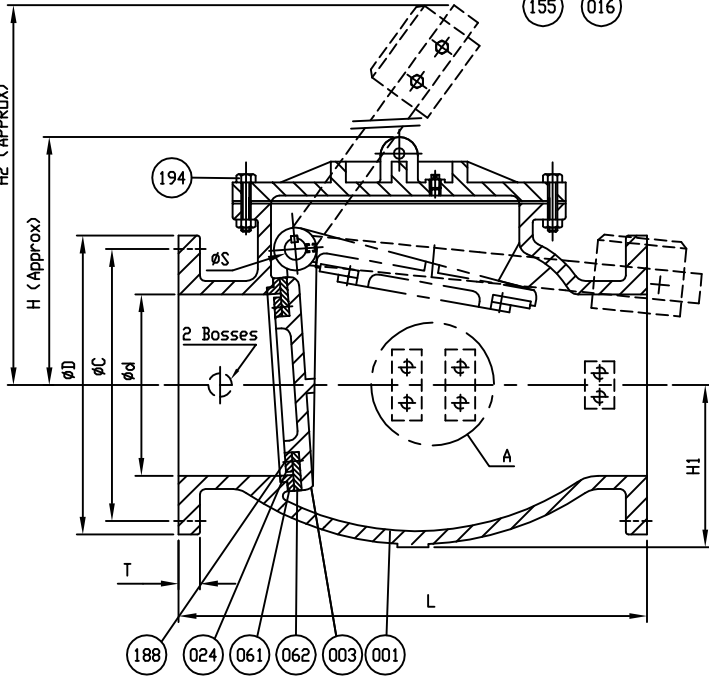


Marking

SIZE (INCH) \oplus
 CCNE SCI.
 150 CWP YEAR
 AWWA C508 POURING DATE
 SERIES 8000



Detail A



- Dimensions in inches

COVER BOLTS/NUTS		
TYPE	MATERIAL	<input checked="" type="checkbox"/>
STANDARD	STEEL/ZINC	<input type="checkbox"/>
S1	304 STN. STEEL	<input type="checkbox"/>
S3	316 STN. STEEL	<input type="checkbox"/>

REFERENCE ONLY

NO.	PARTS	MATERIAL	ASTM DESIGNATION	Q' TY
352	O-Ring C	Rubber (Buna N)	D 2000 BK 707	2
351	O-Ring B	Rubber (Buna N)	D 2000 BK 707	2
329	Cover O-Ring	Rubber (Buna N)	D 2000 BK 807	1
324	Cover Gasket	Rubber (Buna N)	D 2000 BK 807	1
220	Snap Ring	Stainless Steel	A 276 Type 420	1
198	End Plate Bolt	Zinc Coated Steel	A 307 Grade B	1set
197	Weight Bolt	Zinc Coated Steel	A 307 Grade B	2
194	Cover Bolt & Nut	See Table for Material		1set
188	Disc Seat Bolt	Stainless Steel	A 276 Type 304	1set
166	Plug $\phi 1"$	Stainless Steel	A 276 Type 304	1
161	Key	Stainless Steel	A 276 Type 304	2
159	Hinge Pin	Stainless Steel	A 276 Type 304	1
155	Weight Arm	Ductile Iron	A 536 Gr. 65-45-12	1
076	Bushing (B)	Bronze	B 62	1
075	Bushing (A)	Bronze	B 62	1
062	Disc Seat Ring	Rubber (Buna N)	D 2000 BK 807	1
061	Body Seat Ring	Bronze	B 62	1
057	End Plate (B)	Ductile Iron	A 536 Gr. 65-45-12	1
024	Seat Holder	Ductile Iron	A 536 Gr. 65-45-12	1
016	Weight	Cast Iron	A 126 Class B	1
015	End Plate (A)	Bronze	B 62	1
014	Cover	Cast Iron	A 126 Class B	1
003	Disc	Ductile Iron	A 536 Gr. 65-45-12	1
001	Body	Cast Iron	A 126 Class B	1

MATERIAL LIST			
HYDRO SHELL		300	PSI.
HYDRO VALVE SEAT		150	PSI.
HYDRO BACK SEAT		—	PSI.
AIR SEAT		—	PSI.
STEAM		—	PSI.
TEST PRESSURE			
WORKING PRESSURE		150	PSI.

PRATT

SCALE	DR. JON COLPAN	DATE 10/20/10	REF. DWG.
N.T.S.	CHK.	APP.	USA1362D

TITLE			
SIZE 14" & 16" SWING CHECK VALVE AWWA C508 BRONZE BODY SEAT RING & BUNA N DISC SEAT RING WITH ONE LEVER AND WEIGHT			
TYPE:	8001AB1LW	DWG NO.	HP80005
		REV.	5

SIZE ϕd in. mm.	L	ANSI B16.1 CL. 125					ϕS	ϕB	H	H1	H2	I	J	K	M	N	\square
		ϕD	ϕC	ϕh	n	T											
14 (350)	31	21	18 $\frac{3}{4}$	1 $\frac{1}{8}$	12	1 $\frac{3}{8}$	1 $\frac{3}{4}$	22 $\frac{3}{16}$	19 $\frac{5}{16}$	12 $\frac{1}{16}$	29 $\frac{1}{2}$	1	2 $\frac{1}{8}$	4 $\frac{1}{2}$	4	3 $\frac{3}{4}$ ×10v(UNC)	6
16 (400)	36	23 $\frac{1}{2}$	21 $\frac{1}{4}$	1 $\frac{1}{8}$	16	1 $\frac{7}{16}$	2	24 $\frac{1}{8}$	21 $\frac{1}{2}$	13 $\frac{1}{4}$	37 $\frac{3}{4}$	1	2 $\frac{1}{8}$	4 $\frac{1}{2}$	4	3 $\frac{3}{4}$ ×10v(UNC)	6

REVISION 1, CHANGED ITEM 166 MTRL. TYPE FROM MALLEABLE IRON A47 TO, UJC, 03/08/11, ECR# 456
 REVISION 3, ADDED H2 DIMENSION TO DRAWING TO, AA, 2/9/15

REVISION 2, ADDED ITEM 220 SNAP RING MATERIAL TYPE, UJC, 04/04/11, ECR# 491
 REVISION 4, ADDED BOLTING MATERIAL TABLE, AA, 05/20/15