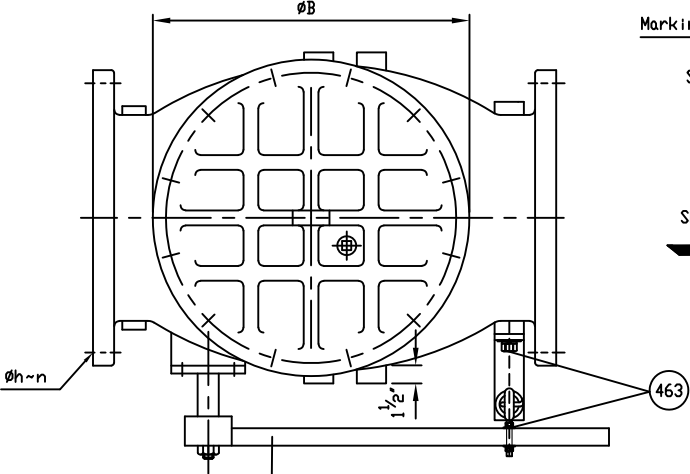




Marking

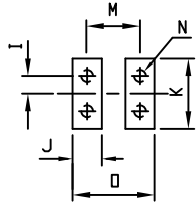
SIZE (INCH)
CCNE
150 CWP
AWWA C508
SERIES 8000



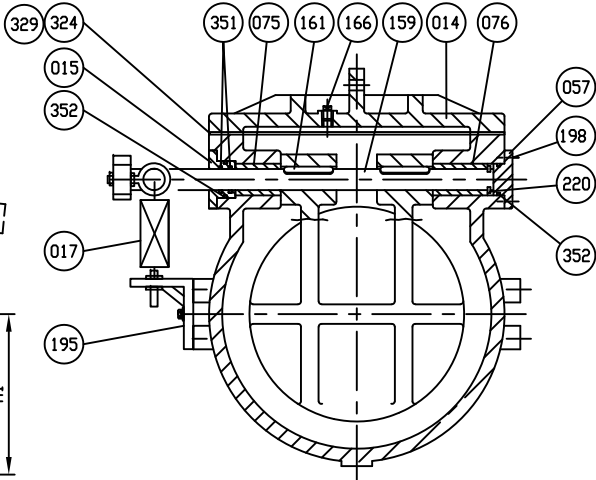
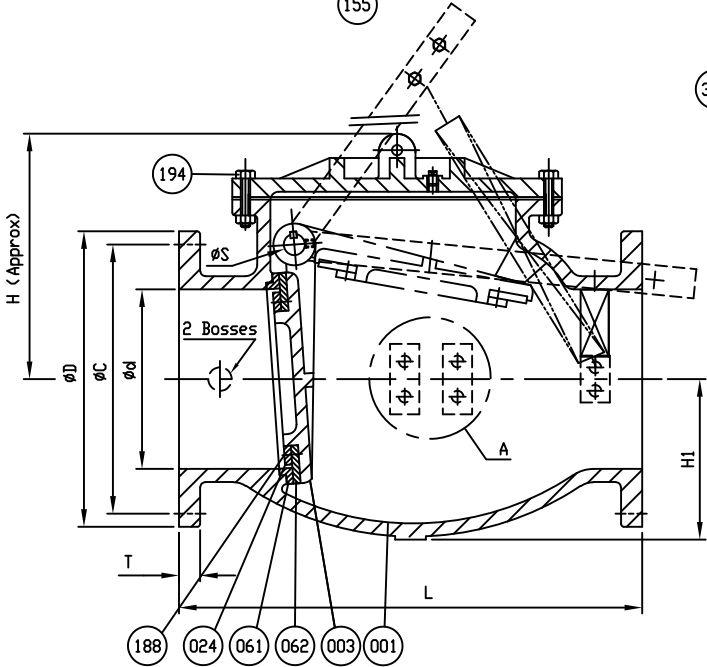
SCI.

YEAR

POURING DATE



Detail A



- Dimensions in inches

SIZE ϕd in. mm.	L	ANSI B16.1 CL. 125					ϕS	ϕB	H	H1	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 $\frac{1}{16}$	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 $\frac{1}{4}$	1	2 $\frac{1}{8}$	4 $\frac{1}{2}$	4	3 $\frac{3}{4}$ ×10v(UNC)	6

463	Spring Hardware Kit	Stainless Steel	A 276 Type 304	1set
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
195	Spring Bracket	Stainless Steel	A 276 Type 304	1
194	Cover Bolt & Nut	Zinc Coated Steel	A 307 Grade B	1set
188	Disc Seat Bolt	Stainless Steel	A 276 Type 304	1set
172	Spring	Spring Steel	Stainless Steel	1
166	Plug Ø1'	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	Spring 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
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
NO.	PARTS	MATERIAL	ASTM. DESIGNATION.	Q' TY

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 02/22/11	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 SPRING			
TYPE:	8001AB1LS	DWG NO.	HP80022
		REV.	5

REVISION 1, CHANGED ITEM 166 MTRL. TYPE FROM MALLEABLE IRON A47 TO, JC, 03/08/11, ECR# 456
REVISION 2, ADDED ITEM 220 SNAP RING MATERIAL TYPE, JC, 04/04/11, ECR# 491
REVISION 3, MUELLER PART NUMBER CHANGED FROM A2602-6B1LS TO 8001AB1LS , JC, 03/24/15, PER LARRY AULICH

REVISION 4, ADDED COVER O-RING TO MATERIAL TABLE AND REMOVED PAINT NOTE, AA, 11/28/17
REV. 5: ADDED 329 BALLOON, DJK, 6/20/18