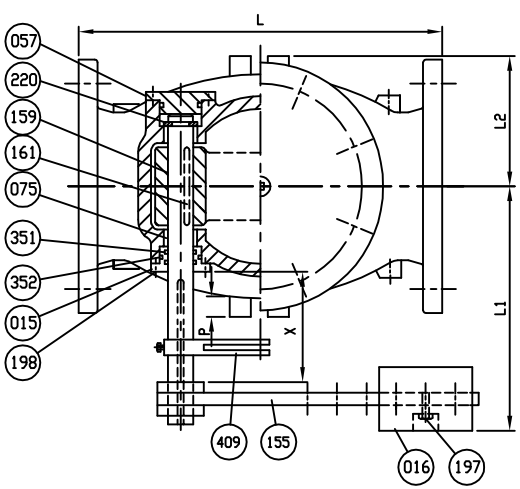
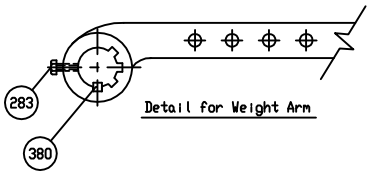
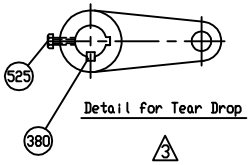
REFERENCE ONLY

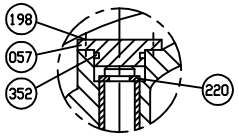




Detail for Weight Arm

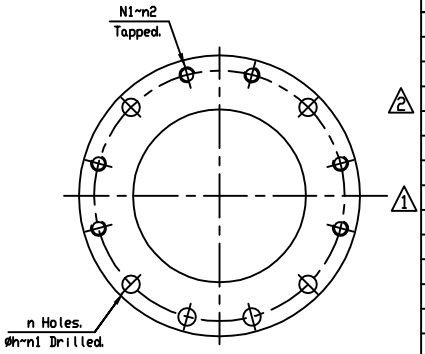


Detail for Tear Drop

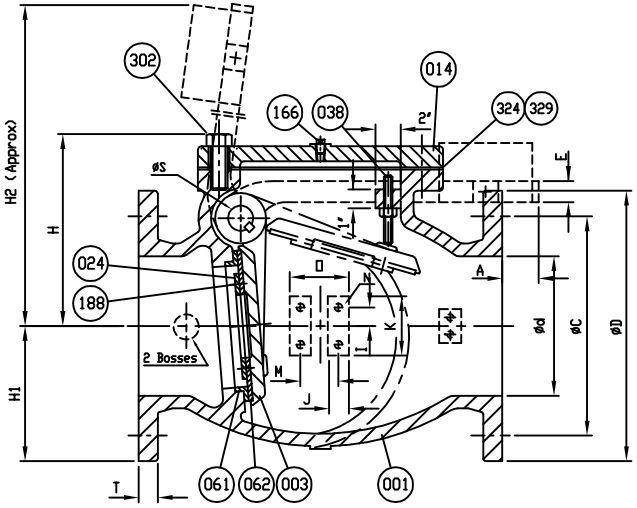


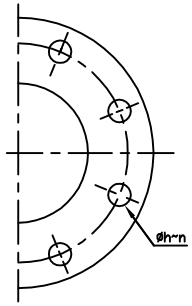
Detail End Plate B

Body Seat Screwed In



Detile of flange for size 10"(250) only.





Marking

SIZE (INCH)
CCNE
200 CWP
AWWA C508
SERIES 9000

SCI
YEAR
POURING DATE

- Dimensions in Inches.

SIZE Ød in.	SIZE Ød mm.	L	ANSI B16.1 CL.125 ØD	ØC	Øh	n	T	ØS	E	H	H1	H2	I	J	K	M	N	N1	n1	n2	□	P	A	X	L1	L2	Plug Size
3	(80)	11	7 1/2	6	3/4	4	3/4	1	1 13/16	6 3/8	3 3/4	18	3/4	1 1/2	3	2 1/2	1/2x13v(UNC)	—	—	—	4	3/4	5	5.5	10 3/4	4	1/2
4	(100)	13	9	7 1/2	3/4	8	15/16	1 1/8	1 13/16	7 3/8	4 1/2	19 5/8	3/4	1 1/2	3	2 1/2	1/2x13v(UNC)	—	—	—	4	3/4	5	5.75	11 1/2	4 7/16	1/2
6	(150)	16	11	9 1/2	7/8	8	1	1 3/8	1 13/16	9 3/16	5 1/2	22 5/8	3/4	1 1/2	3	2 1/2	1/2x13v(UNC)	—	—	—	4	3/4	5	6	12 7/8	5 3/4	3/4
8	(200)	19 1/2	13 1/2	11 3/4	7/8	8	1 1/8	1 3/4	1 13/16	10 7/8	6 3/4	29 7/8	7/8	1 3/4	3 1/2	3 1/4	5/8x11v(UNC)	—	—	—	5	1 1/4	5.5	7	15 5/8	7 7/8	3/4
10	(250)	22	16	14 1/4	1	12	1 3/16	2 1/8	2 1/2	13 5/16	8	35	7/8	1 3/4	3 1/2	3 1/4	5/8x11v(UNC)	7/8x9v(UNC)	6	6	5	1 1/4	6.08	7.75	17 5/8	9 3/16	1
12	(300)	26	19	17	1	12	1 1/4	2 1/2	2 1/2	15 9/16	9 1/2	40 3/8	7/8	1 3/4	3 1/2	3 1/4	5/8x11v(UNC)	—	—	—	5	1 1/4	5.47	8.75	20 1/8	10 3/4	1

Remark - Part No.(024) Seat Holder
Size 3"-6" → Cast Iron, A126 Class B
Size 8"-12" → Ductile Iron, A536 Gr. 65-45-12

△3

COVER BOLTS		
TYPE	MATERIAL	✓
STANDARD	STEEL/ZINC	
S1	304 STN. STEEL	
S3	316 STN. STEEL	

NO.	PARTS	MATERIAL	ASTM. DESIGNATION.	Q'TY
525	Tear Drop Bolt	Zinc Coated Steel	A 307 Grade B	1
409	Tear Drop	Ductile Iron	A 536 Gr.65-45-12	1
380	Key B	Stainless Steel	A 276 Type 304	2
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
302	Cover Bolt	See Cover Bolt Table		1 set
283	Arm Bolt	Zinc Coated Steel	A 307 Grade B	1
△2 220	Snap Ring	Stainless Steel	A 276 Type 420	1
198	End Plate Bolt	Zinc Coated Steel	A 307 Grade B	2 set
197	Weight Bolt	Zinc Coated Steel	A 307 Grade B	1
188	Disc Seat Bolt	Stainless Steel	A 276 Type 304	1 set
△1 166	Plug	Stainless Steel	A 276 Type 304	1
161	Key A	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
075	Bushing	Bronze	B 62	2
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
038	Stopper	Stainless Steel	A 276 Type 304	1
024	Seat Holder	See Remark		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	400	PSI.
HYDRO VALVE SEAT	200	PSI.
HYDRO BACK SEAT	—	PSI.
AIR SEAT	—	PSI.
STEAM	—	PSI.
TEST PRESSURE		
WORKING PRESSURE	200	PSI.

PRATT

SCALE	DR. JON COLPAN	DATE 10/19/10	REF. DWG.
N.T.S.	CHK. APP.	E.C.N.	USA1349D

TITLE
SIZE 3" TO 12" SWING CHECK VALVE AWWA C508
BRONZE BODY SEAT RING & BUNA N DISC SEAT RING
WITH ONE LEVER AND WEIGHT

TYPE:	DWG NO.	REV.
9001AB1LW	HP90001	4

DSO1 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

REVISION 3, ADDED COVER BOLT TABLE, AA, 05/02/16

REVISION 4, ADDED COVER O-RING TO MATERIAL TABLE AND REMOVED PAINT NOTE, AA, 11/28/17