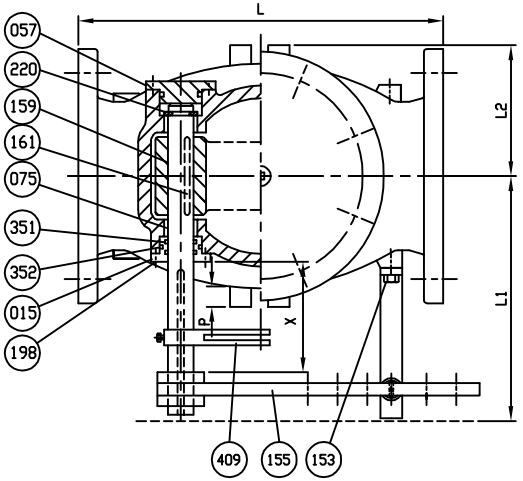
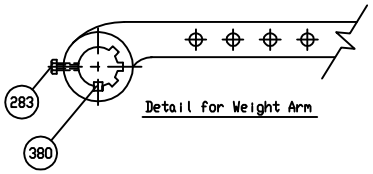
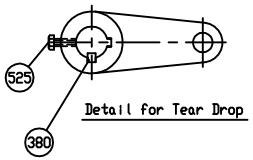
SUPPLIED WITH 8 MILS AMERLOCK 2 RED OXIDE EPOXY INTERIOR AND EXTERIOR OF THE VALVE

REFERENCE ONLY

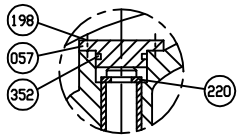




Detail for Weight Arm

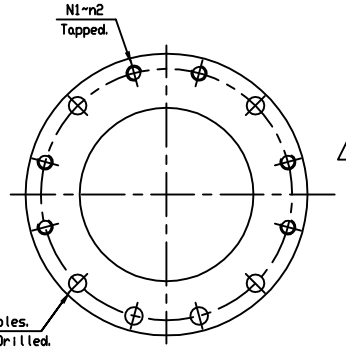


Detail for Tear Drop

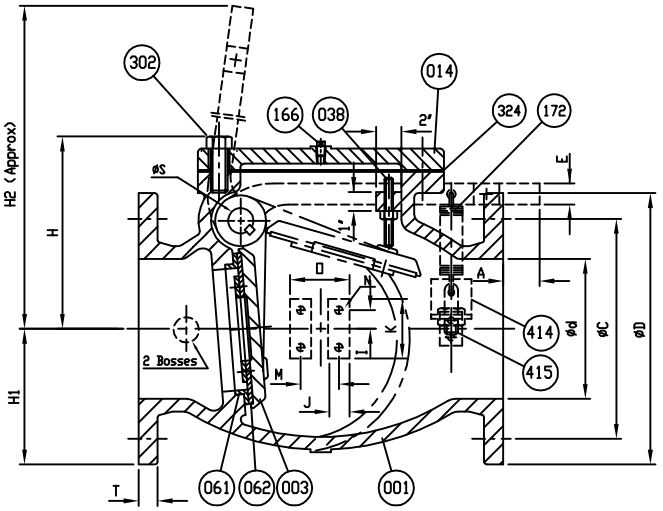


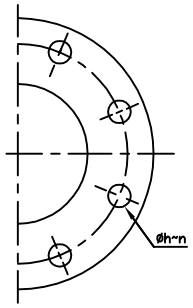
Detail End Plate B

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

NO.	PARTS	MATERIAL	ASTM. DESIGNATION.	Q'TY
525	Tear Drop Bolt	Zinc Coated Steel	A 307 Grade B	1
415	Stud Nut & Nut	Zinc Coated Steel	A 307 Grade B	1 set
414	Bracket	Zinc Coated Steel	A36	1 set
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
324	Cover Gasket	Rubber (Buna N)	D 2000 BK 807	1
302	Cover Bolt	Zinc Coated Steel	A 307 Grade B	1 set
283	Arm Bolt	Zinc Coated Steel	A 307 Grade B	1
220	Snap Ring	Stainless Steel	A 276 Type 420	1
198	End Plate Bolt	Zinc Coated Steel	A 307 Grade B	2 set
172	Spring	Zinc Coated Steel	A36	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	Arm	Ductile Iron	A 536 Gr. 65-45-12	1
153	Bolt	Zinc Coated Steel	A 307 Grade B	1
075	Bushing	Bronze	B 62	2
062	Disc Seat Ring	Bronze	B 62	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
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.

- 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	O	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 5/16	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

PRATT

SCALE	DR.	DATE	REF. DWG.
N.T.S.	JON COLPAN	08/08/14	USA1349D
	CHK. AA APP. JW	E.C.N.	

TITLE

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

TYPE:	DWG NO.	REV.
9001ABBLS	HP90140	1

DS01 ISSUED : 240640 REVISED:-

REVISION 1, REMOVED ITEMS 024 AND 188 FROM THE MATERIAL LIST (BRONZE/BRONZE SEAT MADE WITH PRESS FIT PROCESS), JC, 01/21/16