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

REFERENCE ONLY

Marking

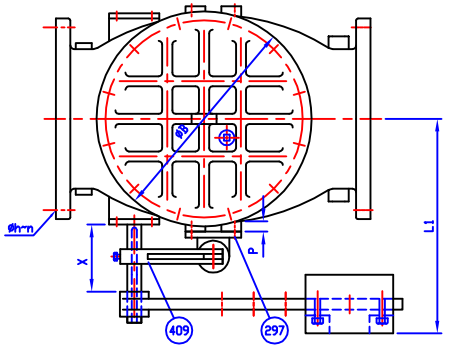
SIZE (INCH) ⊕ SCI

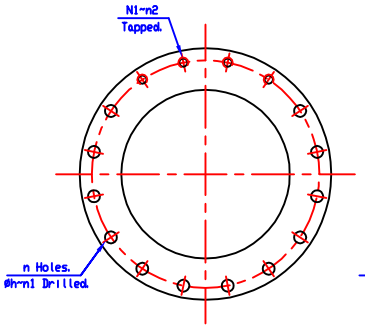
CCNE YEAR

150 CWP POURING DATE

AWWA C508

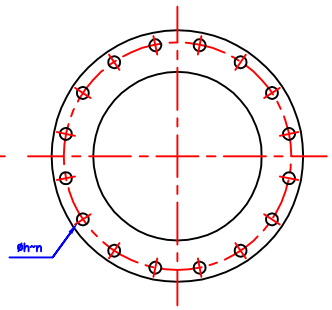
SERIES 9000





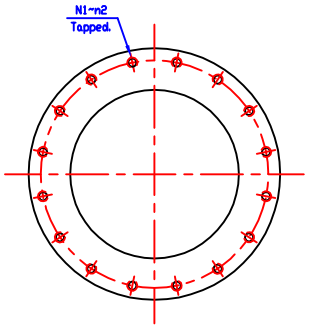
Detail of flange for size 16"(400) only.

VIEW A



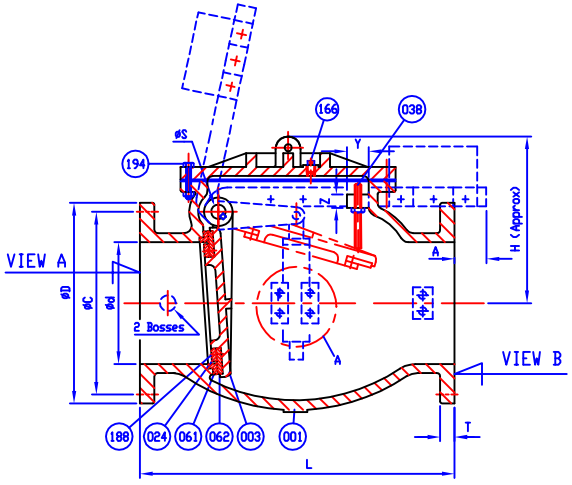
Detail of flange for size 16"(400) only.

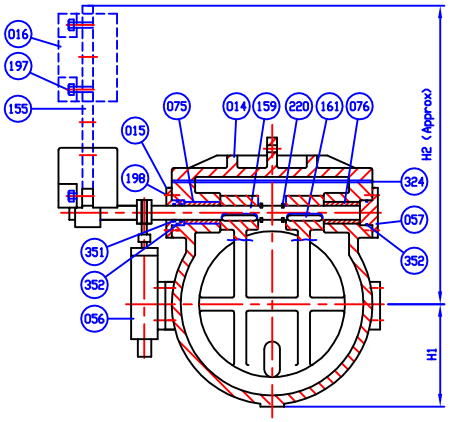
VIEW B

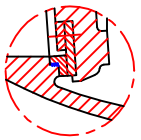


Detail of flange for size 18"(450) only.

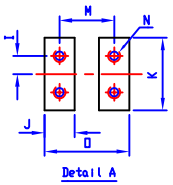
VIEW A, B



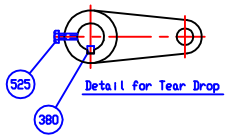




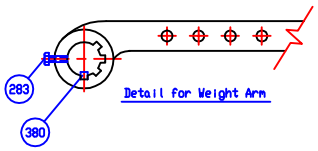
Body Seat Screw in.



Detail A



Detail for Tear Drop



Detail for Weight Arm

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
324	Cover Gasket	Rubber (Buna N)	D 2000 BK 807	1
297	Air Cushion Bolt	Stainless Steel	A 276 Type 304	1 set
283	Arm Bolt	Zinc Coated Steel	A 307 Grade B	1
220	Snap Ring	Stainless Steel	————	2
198	End Plate Bolt	Zinc Coated Steel	A 307 Grade B	1 set
197	Weight Bolt	Zinc Coated Steel	A 307 Grade B	2
194	Cover Bolt & Nut	Zinc Coated Steel	A 307 Grade B	1 set
188	Disc Seat Bolt	Stainless Steel	A 276 Type 304	1 set
166	Plug ø1"	Malleable Iron	A 47	1
161	Key A	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
056	Air Cushion	Bronze	B 62	1 set
038	Stopper	Stainless Steel	A 276 Type 304	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.

SIZE ød in. mm.	L	ANSI B16.1 CL. 125 øD	øC	øh	n	T	A	øS	øB	H	H1	H2	I	J	K	M	N	N1	n1	n2	O	P	L1	X	Y	Z
14 (350)	30	21	18 3/4	1 1/8	12	1 3/8	6.5	3	22.24	21 1/16	12 1/16	43 7/8	1	2 1/8	4 1/2	4	3/4x10v(UNC)	-	-	-	6	1 1/2	23 1/2	9.5	2.5	1 1/2
16 (400)	30 1/2	23 1/2	21 1/4	1 1/8	16	1 7/16	8.75	3 1/2	24 1/8	24	13 5/16	50 1/4	1	2 1/8	4 1/2	4	3/4x10v(UNC)	1x8v (UNC)	12	4	6	1 1/2	26 7/8	10.75	2.5	1 1/2
18 (450)	33 1/2	25	22 3/4	1 1/4	16	1 9/16	8.25	3 3/4	28.35	27 9/16	14 5/8	55 3/4	1	2 1/8	4 1/2	4	3/4x10v(UNC)	1 1/8x7v (UNC)	-	16	6	1 1/2	28 3/4	11.25	3	1 3/4
20 (500)	40	27 1/2	25	1 1/4	20	1 11/16	8	4	31	31 5/16	15 3/8	62 1/8	1.5	2 1/2	5	4 1/2	1x8v (UNC)	-	-	-	7	2	32 1/2	11.5	3.5	2
24 (600)	46	32	29 1/2	1 3/8	20	1 7/8	7	4	35.85	35 1/4	17 7/8	69 5/8	1.5	2 1/2	5	4 1/2	1x8v (UNC)	-	-	-	7	2	34 3/8	11.5	3.5	2

HENRY PRATT - CCNE

401 S. HIGHLAND AVE. AURORA, IL 60506 PHONE: 630.844.4000; FAX: 630.844.4124

SCALE	DR.	DATE	REF. DWG.
N.T.S.	JON COLPAN	10/19/10	USA1357B
	CHK. APP. E.C.N.		

TITLE

SIZE 14" TO 24" SWING CHECK VALVE AWWA C508
BRONZE BODY SEAT RING & BUNA N DISC SEAT RING
WITH ONE LEVER, WEIGHT AND AN AIR CUSHION.

TYPE:	DWG NO.	REV.
9001AB1AW	HP90005	

DSO1 ISSUED : 240640 REVISED:-USA1350A=>CHANGE F-F,THREAD UNC