

Marking

SIZE (INCH) ⊕

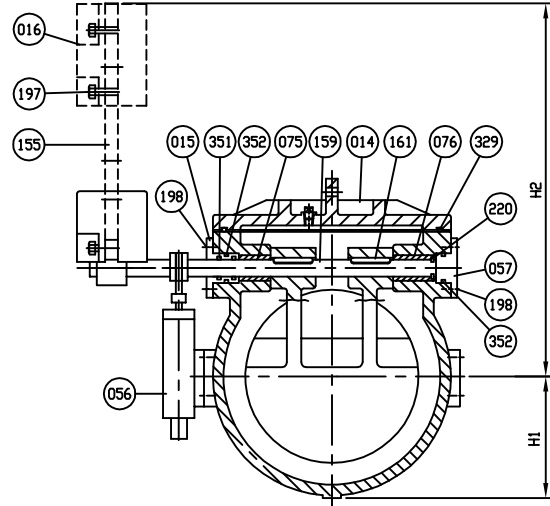
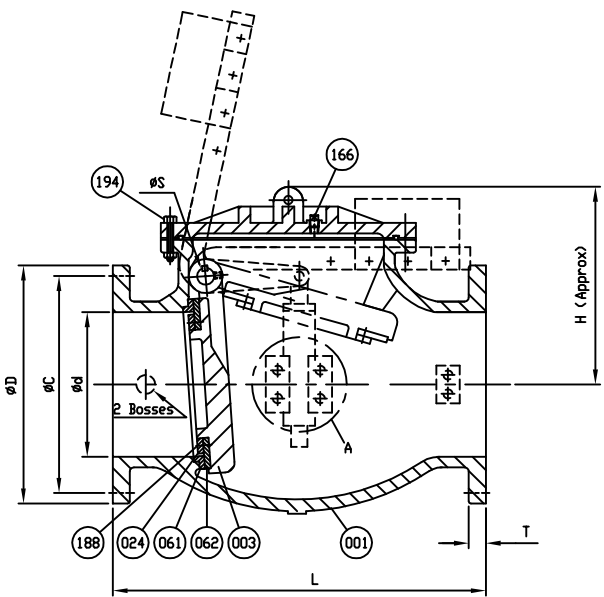
CCNE SCI

350 CMP YEAR

AWWA C508 POURING DATE

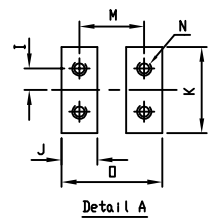
DI

SERIES 8500



Dimensions in Inches.

SIZE Ød in. mm.	L	ANSI B16.1 CL. 125					ØS	ØB	H	H1	H2	I	J	K	M	N	O	L1	X
		ØD	ØC	Øh	n	T													
14 (350)	31	21	18 3/4	1 1/8	12	1 3/8	1 3/4	22 3/16	19 5/16	12 1/16	33 3/16	1	2 1/8	4 1/2	4	3/4 x 10v (UNC)	6	23 1/2	9.5
16 (400)	36	23 1/2	21 1/4	1 1/8	16	1 7/16	2	24 1/8	21 1/2	13 3/16	36 1/16	1	2 1/8	4 1/2	4	3/4 x 10v (UNC)	6	26 3/4	10.75
18 (450)	40	25	22 3/4	1 1/4	16	1 9/16	2	28 3/8	25	14 5/8	41 7/8	1	2 1/8	4 1/2	4	3/4 x 10v (UNC)	6	28 7/16	11.25
20 (500)	40	27 1/2	25	1 1/4	20	1 11/16	2 1/4	30 15/16	27 3/16	15 3/8	46	1.5	2 1/2	5	4 1/2	1 x 8v (UNC)	7	32 1/4	11.5
24 (600)	48	32	29 1/2	1 3/8	20	1 7/8	2 1/4	35 7/8	32 1/16	17 7/8	52 3/4	1.5	2 1/2	5	4 1/2	1 x 8v (UNC)	7	36 1/8	11.5



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
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	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	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"	Stainless Steel	A 276 Type 304	1
161	Key A	Stainless Steel	A 276 Type 304	2
159	Hinge Pin	Stainless Steel	A 276 Type 316	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	Stainless Steel	A 276 Type 316	1
057	End Plate (B)	Ductile Iron	A 536 Gr. 65-45-12	1
056	Air Cushion	Bronze	B 62	1 set
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	Ductile Iron	A 536 Gr. 65-45-12	1
003	Disc	Ductile Iron	A 536 Gr. 65-45-12	1
001	Body	Ductile Iron	A 536 Gr. 65-45-12	1

MATERIAL LIST	
HYDRD SHELL	700 PSI.
HYDRD VALVE SEAT	350 PSI.
HYDRD BACK SEAT	— PSI.
AIR SEAT	— PSI.
STEAM	— PSI.
TEST PRESSURE	
WORKING PRESSURE	350 PSI.

PRATT

SCALE	DR. JON COLPAN	DATE 10/19/10	REF. DWG.
N.T.S.	CHK.	APP.	E.C.N.
TITLE			
SIZE 14" TO 24" SWING CHECK VALVE AWWA C508 STAINLESS STEEL BODY SEAT RING & BUNA N DISC SEAT RING WITH ONE LEVER, WEIGHT AND AIR CUSHION			
TYPE	DWG NO.	REV.	
8501AS1AW	HP85002	4	

DS01 ISSUED : 240640 REVISED:-

REVISION 1, CHANGED ITEM 166 MTRL. TYPE FROM MALLEABLE IRON A47 TO, UJC, 03/08/11, ECR# 456
REVISION 3, ADDED PAINT THICKNESS, AA, 07/24/13

REVISION 2, ADDED ITEM 220 SNAP RING MATERIAL TYPE, UJC, 04/04/11, ECR# 491
REVISION 4, ADDED COVER O-RING TO MATERIAL TABLE AND REMOVED PAINT NOTE, AA, 11/28/17