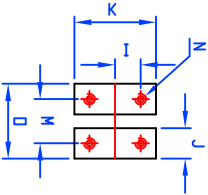
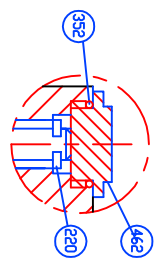


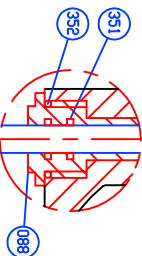
Body Seat Screw In



Detail A

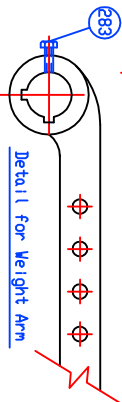
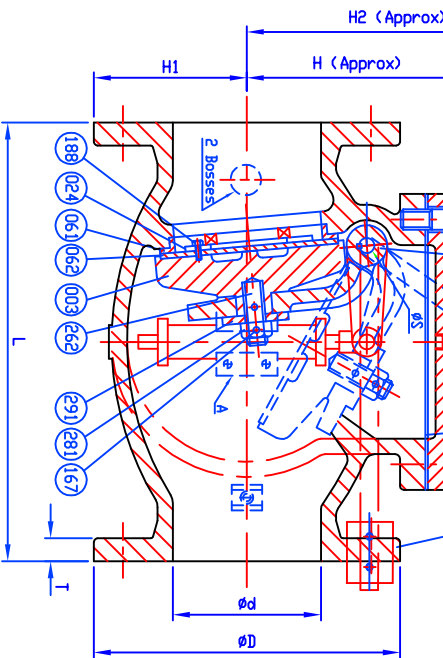


Detail for Retaining Plug



Detail for Seat Nut

Remark - Part No. 024 (Seat Holder)  
- size 3'-6" => Cast Iron  
- size 8'-12" => Ductile Iron



Detail for Weight Arm

VALVE SIZE	PLUG SIZE
3	1/2
4	1/2
6	3/4
8	3/4
10	1
12	1

SIZE In. Ød mm.	L	ANSI B16.1 CL. 125				ØS	H	H1	H2	I	J	K	L1	L2	M	N	Ø	P	
		ØD	ØC	Øh	n														T
3 (80)	9 1/2	7 1/2	6	3/4	4	3/4	1/2	6 1/16	3 3/4	9 1/4	3/4	1 1/2	3	10 7/8	4 1/16	2 1/2	1/2x13v (UNC)	4	3/4
4 (100)	11 1/2	9	7 1/2	3/4	8	15/16	1/2	6 5/8	4 1/2	11 13/16	3/4	1 1/2	3	11 1/8	4 15/16	2 1/2	1/2x13v (UNC)	4	3/4
6 (150)	14	11	9 1/2	7/8	8	1	3/4	8 1/2	5 1/2	14 3/8	3/4	1 1/2	3	13 3/16	5 15/16	2 1/2	1/2x13v (UNC)	4	3/4
8 (200)	19 1/2	13 1/2	11 3/4	7/8	8	1 1/8	7/8	9 15/16	6 3/4	17 3/8	7/8	1 3/4	3	16 11/16	8 1/16	3 1/4	5/8x11v (UNC)	5	1 1/4
10 (250)	24 1/2	16	14 1/4	1	12	1 3/16	1	11 3/16	8	21 1/2	7/8	1 3/4	3 1/2	19 1/8	9 3/16	3 1/4	5/8x11v (UNC)	5	1 1/4
12 (300)	27 1/2	19	17	1	12	1 1/4	1 1/8	13 9/16	9 1/2	24 1/16	7/8	1 3/4	3 1/2	21	10 13/16	3 1/4	5/8x11v (UNC)	5	1 1/4

MARKING

SIZE (INCH)	SC1	YEAR	POURING DATE
350 CCNE			
350 CJP			
AWMA C508			
DI			
SERIES 8500			

462	Retaining Plug	Brass	B 21	A 536 Gr. 65-45-12	1
409	Tear Drop	Ductile Iron	A 536 Gr. 65-45-12	1	
352	D-Ring C	Rubber (Buna N)	D 2000 BK 707	2	
351	D-Ring B	Rubber (Buna N)	D 2000 BK 707	2	
324	Gasket	Rubber (Buna N)	D 2000 BK 907	1	
302	Cover Bolt	Zinc Coated Steel	A 307 Grade B	1set	
297	Air Cushion Bolt	Stainless Steel	A 276 Type 304	1set	
291	Washer	Brass	B 21	1	
287	Spacer	Brass	B 21	2	
283	Arm Bolt	Zinc Coated Steel	A 307 Grade B	1	
281	Disc Nut	Brass	B 21	1	
262	Disc Stud	Brass	B 21	1	
220	Snap Ring	Stainless Steel	—	1	
197	Weight Bolt & Nut	Zinc Coated Steel	A 307 Grade B	2	
188	Disc Seat Bolt	Stainless Steel	A 276 Type 304	1set	
167	Pin	Stainless Steel	A 276 Type 304	2	
166	Plug	Malleable Iron	A 47	1	
161	Key	Stainless Steel	A 276 Type 304	1	
159	Hinge Pin	Stainless Steel	A 276 Type 316	1	
155	Weight Arm	Ductile Iron	A 536 Gr. 65-45-12	1	
154	Bolt & Nut	Zinc Coated Steel	A 307 Grade B	1	
088	Seat Nut	Brass	B 21	1	
062	Disc Seat Ring	Rubber (Buna N)	D 2000 BK 807	1	
061	Body Seat Ring	Stainless Steel	A 276 Type 316	1	
056	Air Cushion	Bronze	B 62	1set	
024	Seat Holder	See Remark	—	1	
023	Arm	Ductile Iron	A 536 Gr. 65-45-12	1	
016	Weight	Cast Iron	A 126 Class B	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	

HYDRO SHELL	700	PSI.
HYDRO VALVE SEAT <td>350 <td>PSI.</td> </td>	350 <td>PSI.</td>	PSI.
HYDRO BACK SEAT <td>— <td>PSI.</td> </td>	— <td>PSI.</td>	PSI.
AIR SEAT <td>— <td>PSI.</td> </td>	— <td>PSI.</td>	PSI.
STEAM <td>— <td>PSI.</td> </td>	— <td>PSI.</td>	PSI.

WORKING PRESSURE	TEST PRESSURE
350	PSI.

HENRY PRATT - CCNE	
401 S. HIGHLAND AVE. AURORA, IL. 60506	PHONE: 630.844.4000 FAX: 630.844.4124
DR. JON COLDPAN	DATE 10/19/10 REF. DWG.
N.T.S.	USA1363C

SIZE 3" TO 12" SWING CHECK VALVE AWMA C508	
STAINLESS STEEL BODY SEAT RING & BUNA N DISC SEAT RING	
WITH ONE LEVER, WEIGHT AND AIR CUSHION	
TYPE	8501ASTAW
DWG. NO.	HP85001
REV.	