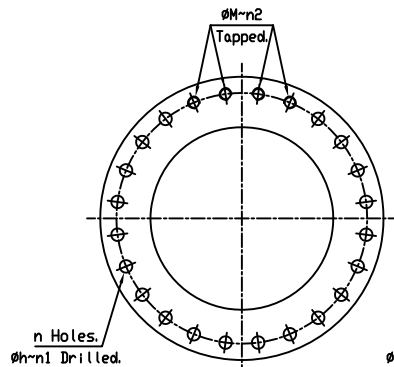


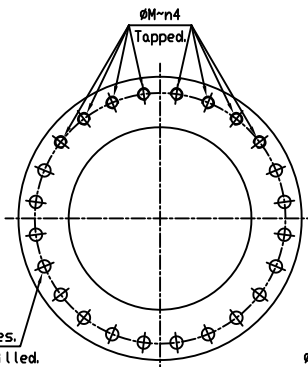
Detail for Limit switch

DETAIL INDICATOR
NONE SCALE



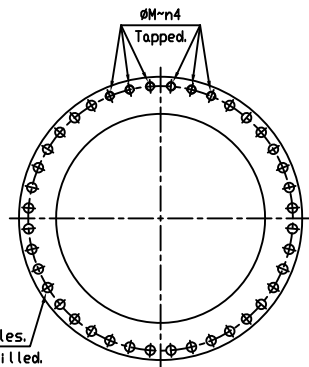
Detail A

Flange drilling for size 20" only.



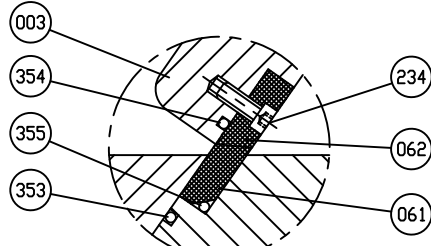
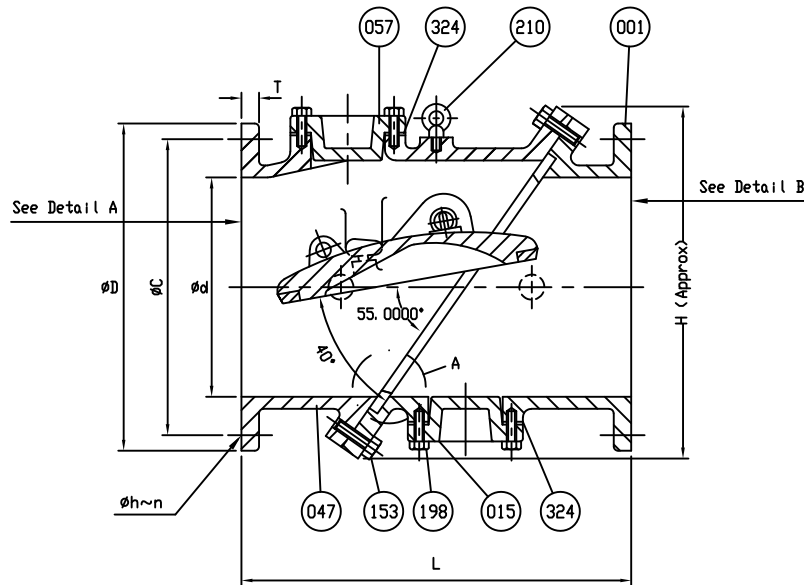
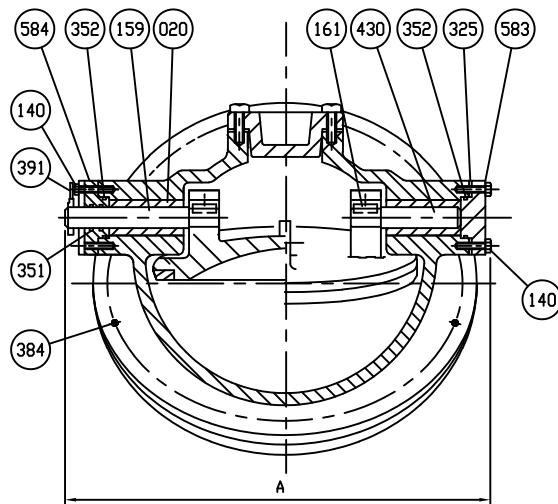
Detail B

Flange drilling for size 20" only.



Detail B

Flange drilling for size 48" only.

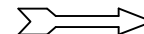


DETAIL A
NONE SCALE

SIZE Ød	L	ANSI B16.1 CL. 250						A	H	ØM	n1	n2	n3	n4
		ØD	ØC	Øh	n	T								
14	30	23	20 1/4	1 1/4	20	2 1/8	29	23 3/4	-	-	-	-	-	-
16	30	25 1/2	22 1/2	1 3/8	20	2 1/4	32	26 3/4	-	-	-	-	-	-
18	33	28	24 3/4	1 3/8	24	2 3/8	36	30	-	-	-	-	-	-
20	32	30 1/2	27	1 3/8	24	2 1/2	39	32	1 1/4 x 7 TPI (UNC)	20	4	16	8	
24	38	36	32	1 5/8	24	2 3/4	46	37	-	-	-	-	-	-
30	52	43	39 1/4	2	28	3	54	47	-	-	-	-	-	-
36	59 1/2	50	46	2 1/4	32	3 3/8	64	51	-	-	-	-	-	-
42	62 1/2	57	52 3/4	2 1/4	36	3 11/16	68	60	-	-	-	-	-	-
48	65	65	60 3/4	2 1/4	40	4	85	68 1/2	2 x 1 1/2 TPI (UNC)	-	-	34	6	

Marking

Pratt
SIZE
250



REV	DESCRIPTION	DATE	BY	APP.
1	REMOVED MODEL NO	4/20	TT	AM
584	End Plate D	Bronze	B 62	1
583	End Plate C	Ductile Iron	A 536 Gr. 65-45-12	1
430	Hinge Pin B	Stainless Steel	A 276 Type 304	1
391	Needle	Aluminium		1
384	Pin	Stainless Steel	A 276 Type 304	2
355	Body O-Ring	Rubber (Buna N)	D 2000 BK 707	1
354	Disc O-Ring	Rubber (Buna N)	D 2000 BK 707	1
355	Body O-Ring	Rubber (Buna N)	D 2000 BK 707	1
354	Disc O-Ring	Rubber (Buna N)	D 2000 BK 707	1
353	O-Ring D	Rubber (Buna N)	D 2000 BK 707	1
352	O-Ring C	Rubber (Buna N)	D 2000 BK 707	2
351	O-Ring B	Rubber (Buna N)	D 2000 BK 707	2
325	End Plate Gasket	Non Asbestos Sheet		2
324	Gasket A, B	Non Asbestos Sheet		2
234	Socket Head Bolt	Stainless Steel	A 276 Type 304	1 SET
217	Limit Switch Arm	Galvanized Steel		1
210	Eye Bolt	Galvanized Steel		1
208	Cam	Galvanized Steel		1
198	End Plate Bolt A, B	Zinc Coated Steel	A 307 Grade B	2 SET
161	Key	Stainless Steel	A 276 Type 304	2
159	Hinge Pin A	Stainless Steel	A 276 Type 304	1
153	Body Bolt	Zinc Coated Steel	A 307 Grade B	1 SET
140	End Plate Bolt C, D	Zinc Coated Steel	A 307 Grade B	2 SET
062	Disc Seat Ring	Stainless Steel	A 276 Type 304	1
061	Body Seat Ring	Stainless Steel	A 276 Type 304	1
057	End Plate (B)	Ductile Iron	A 536 Gr. 65-45-12	1
047	Body B.	Ductile Iron	A 536 Gr. 65-45-12	1
020	Sleeve	Bronze	B 62	2
015	End Plate (A)	Ductile Iron	A 536 Gr. 65-45-12	1
003	Disc	Ductile Iron	A 536 Gr. 65-45-12	1
001	Body A.	Ductile Iron	A 536 Gr. 65-45-12	1
NO.	PARTS	MATERIAL	ASTM. DESIGN.	Q' TY

MATERIAL LIST

HYDRO	SHELL	500	PSI.
HYDRO	VALVE SEAT	250	PSI.
HYDRO	BACK SEAT	—	PSI.
AIR	SEAT	—	PSI.
STEAM		—	PSI.

TEST PRESSURE

WORKING	PRESSURE	250	PSI.
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PRATT

TOLERANCES UNLESS OTHERWISE NOTED 4 PLACE DEC. ±.0005 3 PLACE DEC. ±.005 2 PLACE DEC. ±.01 FRACTIONAL ±1/64 ANGULAR ±1/2° MACH. FIN. 63 ✓ BREAK SHARP EDGES	SCALE N.T.S.	DR. J. LESH CHK. JL	DATE 11/05/19 APP. E.C.N.	REF. DWG. USA2260D USA2265D USA2691B
TITLE TILTED DISC VALVE AWWA C508 14"-48"				
MODEL			DWG NO. GA-12548	REV. 1