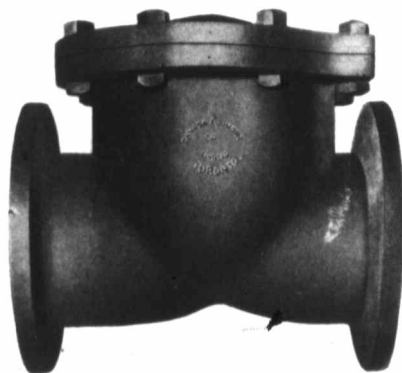


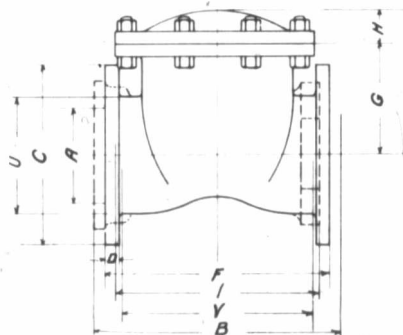
30-4 Gate Valves and Fire Hydrants.

HORIZONTAL SWING CHECK VALVES.

These valves are made with iron bodies, bronze mounted, and are heavy, substantial and first-class in every way. Ready access is given to the gate in all sizes by removing the cover or hand hole plates. Sizes above 10 inches are made with secondary or relief gate in order to lessen the work on the pump when operating at slow speed. In all sizes the gates are faced with leather, or rubber if specially ordered.



FLANGED END HORIZONTAL SWING CHECK VALVE.



DIMENSIONS OF IRON BODY, BRONZE MOUNTED, HORIZONTAL SWING CHECK VALVES.

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
A—Size of valve .....	3	3½	4	5	6	7	8	10	12	14	16
B—End to end of hubs .....	11¼	.....	13½	15½	16	.....	19¼	24	27	28½	36½
C—Diameter of flanges .....	7½	8½	9	10	11	12½	13½	16	19	21	23½
D—Thickness of flanges .....	¾	¾	¾	¾	1	¾	1	1	1	1½	1½
E—Face to face of flanges .....	9	9¼	12	13¾	14¼	16	17½	21½	24½	26	31
G—Centre of valve to bottom of cover .....	4¾	5½	5¼	5½	7	.....	8¼	10¾	11½	12½	13¼
H—Height of cover of valve .....	1½	1½	1½	1¾	1¾	.....	2½	2½	3	3½	3½
I—End to end of screwed valves .....	10¼	10	10½	13	13¾	.....	.....	.....	.....	.....	.....
U—Inside diameter of hubs .....	4¾	.....	5½	7	7¼	.....	10¼	12	14½	16½	18½
V—Length hub valve between pipe ends .....	6¼	.....	7½	9¼	10	.....	13½	17	19	21½	29½

FOR BOLT CIRCLE, ETC., SEE TABLE ON PAGE 7.