

Series 35-1

- ▶ Eccentric flat bottom design
- ▶ Integral, all-rubber flange
- ▶ Lightweight, all-elastomer design
- ▶ Shorter length in sizes 42" and larger

Materials of Construction

Neoprene, Hypalon®, Buna-N, EPDM, Viton®

Backup Rings

Galvanized or stainless steel



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The flat-bottom Series 35-1 features an integral rubber flange, allowing it to be mounted to flanged outfall pipes or directly to headwalls where the pipe is flush.

The flange size drilling conforms to ANSI B 16.10, Class 150#, or can be constructed with DIN, 2632 and other standards. The Series 35 Check Valve is furnished complete with steel or stainless steel backup rings for installation.

The Series 35-1 is often a direct replacement for flanged flapgates. Hinge pins rust and corrode if not routinely lubricated, causing the flapper to hang open and allow backflow. Small debris that collects in the seating area of the valve will also keep the flapper open. Tideflex® Series 35-1 valves 18" and larger are constructed with a curved bill as standard.

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Flange Size (ANSI)	Flange O.D. (F)	Length (L ²)	Bill Height (H ²)
4	9	10	8
5	10	10	8
6	11	16	12
8	13 1/2	18	16
10	16	23	19
12	19	28	23
14	21	30	27
16	23 1/2	35	30
18	25	40	34
20	27 1/2	48	37
24	32	52	44
30	38 3/4	62	55
32	41 3/4	66	59
36	46	72	70
42	53	69	73
48	59 1/2	75	81
54	66 1/4	79	90
60	73	82	94
72	86 1/2	95	120

Dimensions are subject to change due to customized construction.

