

Elastic Swing Foot Valves

Ductile Iron - Flanged

Type FVCEXF-125 Flanged Elastic Swing Foot Valve



The Elastic Swing Foot Valve is suitable for municipal and industrial applications.

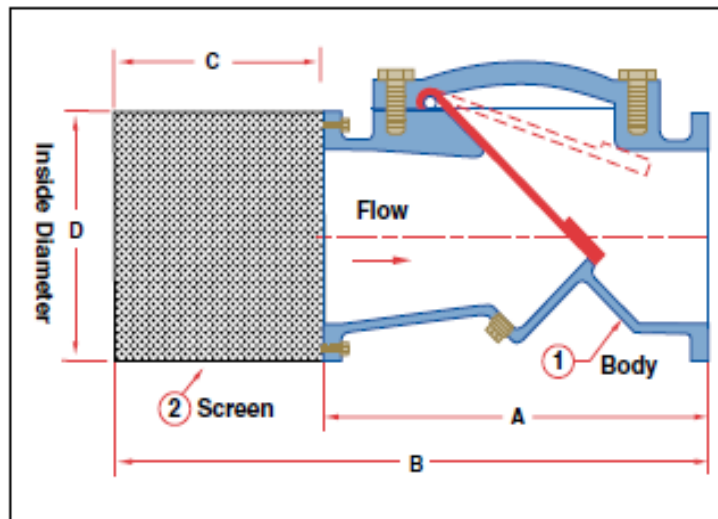
It is standard with a ductile iron body with flanges which comply with ANSI B16.1; Class 125 or 250. The internal body is epoxy coated. Special coatings are available upon request. The one-piece molded disc has a steel reinforced insert to insure closure. Plus, while in the open position, it will allow 100% uninterrupted flow. The one-piece disc hinge and flapper can be repaired without removal of the valve from the line. The Elastic Swing Foot Valve is designed for continuous flow applications and is not recommended for reciprocating pumps.

The elastic swing foot valve can be installed in a vertical or horizontal pipeline.

The Elastic Swing Foot Valve body material is Ductile Iron ASTM SA536 60-45-12 with a screen of 1/8" perforated Stainless Steel.

Operating Pressures and Temperatures

Service	Size	psi	Temp
WOG	2" - 12"	200	150°F
WOG	14" - 24"	150	150°F



Dimensional Data

Size		A	B	C	D	CV	Shipping Weight lbs
Inches	Prefix						
2	0200	8	10 1/2	3	6 1/8	150	36
2 1/2	0250	8 1/2	11	3	7 1/8	305	46
3	0300	9 1/2	12	3	7 5/8	600	55
4	0400	11 1/2	14	3	9 1/8	955	84
5	0500	13 3/4	16 3/4	4	10 1/8	1400	120
6	0600	15	19 1/2	5	11 1/8	2800	138
8	0800	19 1/2	25	6	13 5/8	5000	300
10	1000	24 1/2	31	7	16 1/8	8000	630
12	1200	27 1/2	35	8	19 1/8	9000	852
14	1400	31	39 1/2	9	21 1/8	10,000	1,032
16	1600	31 15/16	41 7/16	10	23 5/8	15,000	1,308
18	1800	35 15/16	47 7/16	12	25 1/8	18,000	1,740
20	2000	39 15/16	55 7/16	16	27 5/8	28,000	1,890
24	2400	47 15/16	65 7/16	18	32 1/8	40,000	3,120

Ordering Information

Example: Include full description

Size (Prefix) Model #

0400 - FVCEXF-125

4" Ductile Iron Flanged Elastic Swing Foot Valve, Buna-N w/Steel Disc

Notes

Manufacturer reserves the right to modify dimensions, materials, or design. Contact factory for certification.

The Flow Coefficient (Cv) is the number of gallons per minute of water flowing through a given size restriction at a pressure drop of one psi.

NOTE 1

Horizontal Flow: Valve must be installed with cover on top, to insure proper operation.

