

Silent Seat Foot Valves

Cast Iron - Cast Steel - Stainless Steel - Flanged

Type FV 125 Cast Iron, Type FV150 Cast Steel,
Type FV150SS Stainless Steel Foot Valves



Construction

Design of the **Sure Flow Silent Seat Foot Valve**, available in sizes 2 inches to 30 inches, evolved through a need for a valve that could provide positive sealing actions at various pressure ranges without seat damages, along with silent operation.

The **Sure Flow Silent Seat Foot Valve**, satisfies these requirements plus low head loss through its full ported area and heavy duty stainless steel basket screening.

The Buna-N O-ring, provides a drop-tight seal. As the pressure increases, the Buna-N O-ring is compressed slightly and the disc makes contact with the metal portion of the valve seat, preventing any further compression of the Buna-N O-ring. The Buna-N O-ring will continue to provide the "drop-tight seating" during the higher pressure ranges without damage from the increased pressure loading.

Standard Features:

- The seating design provides positive shut-off at all pressure ranges without additional loading on the seal.
- Heavy duty stainless steel screening, with flow area 3 to 4 times that of pipe area.
- Silent operation, by design of disc, stroke and linear closing characteristics.
- Cast iron, 125 lb ANSI Standard.

Optional Features:

- Available in carbon steel & stainless steel

Ordering Information

Example: Include full description

Size (Prefix)	Model #
1200 -	FV150

12" Carbon Steel Silent Seat Flanged
Foot Valve, Buna-N Seat

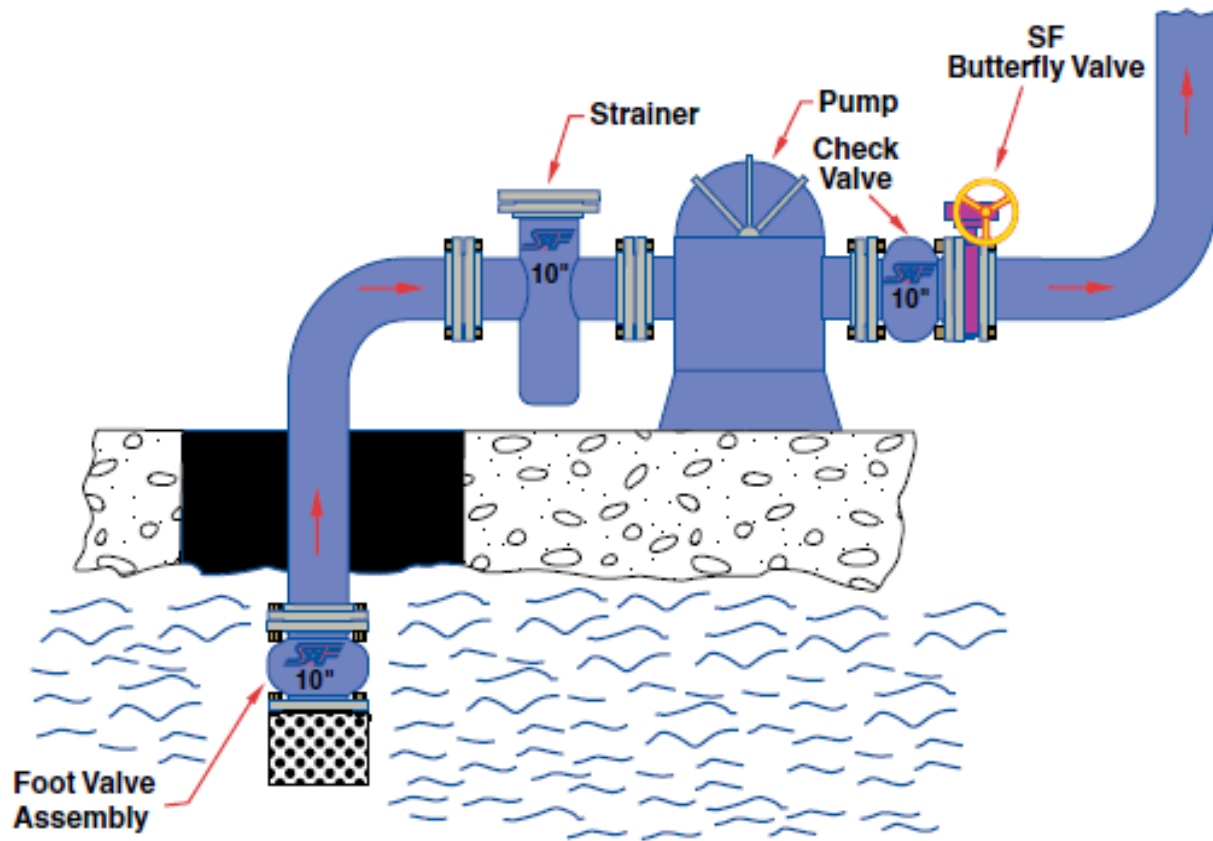


**A foot valve should be used with
basket strainers and check valves.**

Notes

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

Foot Valve Assembly

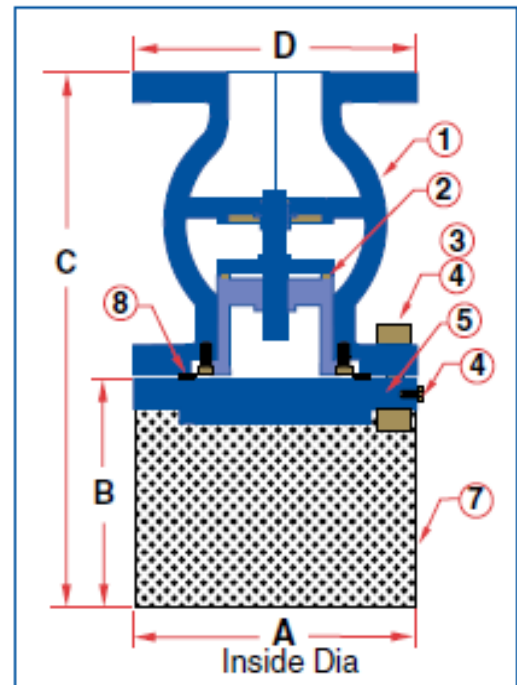


Construction - Cast Steel

No	Name	Material
1	Body Ass'y	A126 Class B
2	Quad Ring	Buna-N o-ring
3	Studs	SA 194 B7 Steel
4	Hex Nuts	SA 194 Steel
5	Slip-on Flng	Flat Face ASTM A105
6	Cap Screw	Stainless Steel
7	Screen	Stainless Steel
8	Gasket Ring	Red Rubber

Dimensional Data

Size		A	B	C	D	Shipping Wgt (lbs.)
Inches	Prefix					
2	0200	6	3	9 7/16	6	25
2 1/2	0250	7	3	10 3/16	7	35
3	0300	7 1/2	3	10 11/16	7 1/2	45
4	0400	9	3	11 11/16	9	70
5	0500	10	4	13 11/16	10	90
6	0600	11	5	15 11/16	11	110
8	0800	13 1/2	6	19 11/16	13 1/2	180
10	1000	16	7	23 7/16	16	250
12	1200	19	8	28 7/16	19	400



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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.