

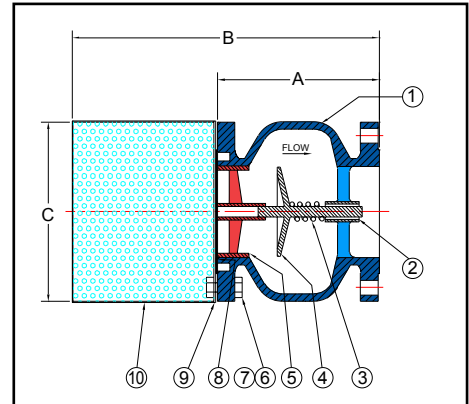
# Silent Seat Foot Valves

FV125 - Cast Iron  
FV150 / FV150SS - Cast Steel / Cast Stainless Steel

## ASME Flanged End Connections



The **Sure Flow Globe Silent Seat Foot Valve** has low head loss through its full ported body area and heavy duty stainless steel basket screening. As pressure increases, the Buna-N Quad Ring is compressed slightly and the disc makes contact with the metal portion of the valve seat, preventing any further compression of the ring. The Buna-N Quad Ring will continue to provide "drop-tight seating" during the higher pressure ranges without damage from the increased pressure loading. A foot valve should be used with basket strainers and check valves.



## Standard Features

- The seating design provides positive shut-off at all pressure ranges without additional loading on the seal.
- A Buna-N Quad Ring is standard on Foot Valves size 6" and larger.
- Valve comes standard with 1/8" perf. Stainless Steel Screen. Options are available.
- 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.

### Notes:

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

Construction										
Item	1	2	3	4	5	6	7	8	9	10
Description	Body	Bushing	Spring	Disc	Quad Ring	Studs	Nuts	O-Ring	Plate Flange	Screen Assembly

Dimensions (Inches)														
Size		A				B				C		Cv	Shipping Weight (LBS)	
Inches	Prefix	125	150	125	150	125	150	125	150	125	150			
2	0200	6 1/4	6 1/4	9 1/4	9 1/4	6 1/4	6 1/4	50	31	24				
2 1/2	0250	7	7	10	10	7 1/4	7 1/4	84	46	34				
3	0300	7 1/2	7 5/8	10 5/8	10 3/4	7 3/4	7 3/4	118	53	45				
4	0400	8 1/2	8 1/2	11 1/2	11 1/2	9 1/4	9 1/4	212	88	70				
5	0500	9 1/2	-	13 1/2	-	10 1/8	-	344	123	-				
6	0600	10 1/2	10 1/2	15 1/2	15 1/2	11 1/4	11 1/4	484	153	114				
8	0800	13 1/2	12	18	16 1/2	13 3/4	13 3/4	884	272	216				
10	1000	16 1/4	14	21	18 3/4	16 1/4	16 1/4	1,360	425	340				
12	1200	20 1/4	18	26	23 3/4	19 1/4	19 1/4	2,060	716	577				
14	1400	22 3/4	-	31 1/4	-	21 1/4	-	2,680	1,138	-				
16	1600	24 3/4	-	34 1/4	-	23 3/4	-	3,440	1,420	-				
18	1800	22 1/2	-	34	-	25 1/4	-	4,475	1,590	-				
20	2000	24	-	39 1/2	-	27 3/4	-	5,675	1,989	-				
24	2400	24	-	41 1/2	-	32 1/4	-	8,450	4,480	-				

## Ordering Information

Example: Include full description

Size                      Model  
(Prefix)                      Number  
**1200**                      **FV125**

12" Silent Seat Flanged Foot Valve, Cast Iron, Buna-N seat.

## Operating Pressures and Temperatures

Type	Size	psi @ Temp WOG
FV125	2" - 12"	200 @ 150 °F
	14" - 24"	150 @ 150 °F
FV150	2" - 12"	285 @ 100 °F
FV150SS	2" - 12"	275 @ 100 °F



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