



Submittal Sheet for Crispin FV Series

18"-24" Flanged Foot Valve

Drawing Date: 2016

SUBMITTAL SHEET FOR FV SERIES

Valve Parts List

ITEM	DESCRIPTION	MATERIAL	ASTM
1	BODY	DUCTILE IRON	A536
2	RESILIENT SEAT	STAINLESS STEEL/BUNA-N RUBBER	T316/D2000
3	DISC	STAINLESS STEEL	T316
5	BUSHING	STAINLESS STEEL	T316
6	SCREW	STAINLESS STEEL	A193
8	RETAINING RING	STAINLESS STEEL	A240
9	MOUNTING FLANGE	DUCTILE IRON	A536
11	BOLT	CAD. PLATED STEEL	A193
12	NUT	CAD. PLATED STEEL	A194
14	SCREEN	STAINLESS STEEL	A240
24	GASKET	ARMSTRONG N-8092	N/A
30	SHAFT	STAINLESS STEEL	T316
30A	SHAFT	STAINLESS STEEL	T316
31	NUT	STAINLESS STEEL	194
50	SCREEN RETAINING SCREW	STAINLESS STEEL	A193

Specifications

Foot Valve(s) shall be installed on the pump suction to prevent the pump column from draining upon pump shutdown. The valve(s) shall be silent operating and normally closed. A center guided disc with a Buna-N seat shall provide a drip tight seal. Minimum flow area perpendicular to the direction of flow thru the valve shall be equal to the pipe area. The inlet shall be fitted with a stainless steel screen with a clear opening adequate to provide 3 to 4 times the area of the pipe.

18"-24" flanged: The valve(s) materials of construction shall include a ductile iron body, stainless steel disc, bushing and seat ring with a Buna-N seal; and stainless steel inlet screen. The flanged pipe connection shall be ANSI Class 150.

The valve(s) shall be model _____ as manufactured by Crispin-Multiplex Manufacturing Co., Berwick, PA.

Size Specifications

MODEL	INLET SIZE	OUTLET SIZE	A	B	WGHT.
FV181	18" 150# FLG	18" 150# FLG	25.00	28.00	725
FV201	20" 150# FLG	20" 150# FLG	31.00	35.00	1059
FV241	24" 150# FLG	24" 150# FLG	37.00	38.28	1600

