



# Submittal Sheet for Crispin FV Series

## 3"-4" Flanged Foot Valve

Drawing Date: 2016

SUBMITTAL SHEET FOR FV SERIES

### Valve Parts List

ITEM	DESCRIPTION	MATERIAL	ASTM
1	BODY	DUCTILE IRON	A536
2R	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	STAINLESS STEEL	A193
12	NUT	STAINLESS STEEL	A194
14	SCREEN	STAINLESS STEEL	A240
24	GASKET	ARMSTRONG N-8092	N/A
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.

3"-16" 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, Pennsylvania.

### Size Specifications

MODEL	INLET SIZE	OUTLET SIZE	A	B	WGHT.
FV31	3" 150# FLG	3" 150# FLG	8.00	9.25	35
FV41	4" 150# FLG	4" 150# FLG	9.50	10.50	53

