

## FLO-TREX VALVES - MODEL FSA

## SUBMITTAL

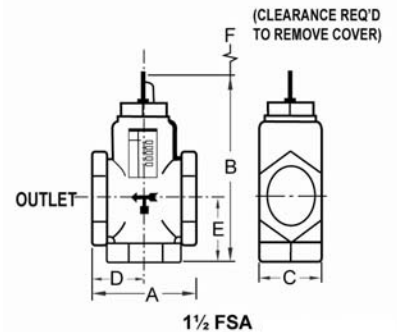
JOB: _____	REPRESENTATIVE: _____
ENGINEER: _____	ORDER NO: _____ DATE: _____
CONTRACTOR: _____	SUBMITTED BY: _____ DATE: _____
	APPROVED BY: _____ DATE: _____

MODEL NUMBER	CONNECTION SIZES		QUANTITY REQUIRED	IDENTIFICATION
	INLET FROM PUMP	OUTLET TO SYSTEM		

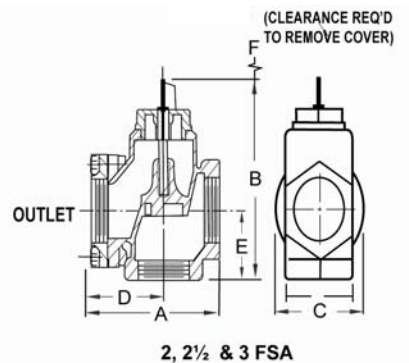
MATERIALS OF CONSTRUCTION	
Body	Cast Iron
Disc and Seat	Bronze
Stem	Stainless Steel
Packing	John Crane Kevlar (non-asbestos)
Max. Working Pressure	125 psig (9 bars)
Max. Operating Temperature	250°F (121°C)

**FSA valves must be installed with stem in vertical upright position.**

DIMENSIONAL DATA									
MODEL	CONNECTION SIZE		DIMENSIONS in inches (mm)						Weight lbs. (kg)
	PUMP	OUTLET	A	B	C	D	E	F	
1½ FSA	1½ NPT	1½ NPT	5.00 (127)	8.38 (213)	3.00 (76)	2.50 (63)	2.25 (57)	2.75 (70)	9 (4.1)
2 FSA	2 NPT	2 Flg'd	6.88 (175)	9.13 (232)	4.63 (118)	4.00 (102)	2.63 (67)	2.75 (70)	13 (5.9)
2½ FSA	2½ NPT	2½ Flg'd	8.38 (213)	11.50 (292)	6.00 (152)	5.00 (127)	3.50 (89)	3.75 (95)	24 (10.9)
3 FSA	3 NPT	3 Flg'd	9.00 (229)	11.75 (298)	6.00 (152)	5.25 (133)	3.75 (95)	3.75 (95)	26 (11.8)



PERFORMANCE DATA						
MODEL	POSITION IN PIPE LINE	Pressure Drop in Feet of Water				
		Line Velocity in Feet Per Second				
		3 Ft/sec.	4 Ft/sec.	5 Ft/sec.	6 Ft/sec.	8 Ft/sec.
1½ FSA	Straight	1.2 ft	2.2 ft	3.5 ft	4.8 ft	
		Angle	1.0 ft	1.8 ft	2.7 ft	3.5 ft
2 FSA	Straight	2.7 ft	4.7 ft	7.3 ft	10.2 ft	
		Angle	1.5 ft	3.2 ft	5.0 ft	7.0 ft
2½ FSA	Straight	1.6 ft	3.2 ft	5.1 ft	7.2 ft	12.5 ft
		Angle	1.3 ft	2.2 ft	3.5 ft	4.7 ft
3 FSA	Straight	2.1 ft	3.6 ft	5.5 ft	8.2 ft	14.4 ft
		Angle	1.6 ft	2.7 ft	4.2 ft	6.3 ft



**Notes:**  
 1. Dimensions given are for reference only. For exact installation data, contact Factory.  
 2. Connections are threaded NPT or 125 lb. flanged as indicated  
 3. Companion flanges provided on flanged connections.

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