

FILE NO.: 5035.91
 DATE: Sept. 1, 1992
 SUPERSEDES: 5035.91
 DATE: Aug. 5, 1988

FLO-TREX VALVES MODEL FSA

ARMSTRONG

SUBMITTAL

| | |
|---|---|
| JOB _____ ENGINEER _____ CONTRACTOR _____ | REPRESENTATIVE _____ ORDER NO. _____ DATE _____ SUBMITTED BY _____ DATE _____ APPROVED BY _____ DATE _____ |
|---|---|

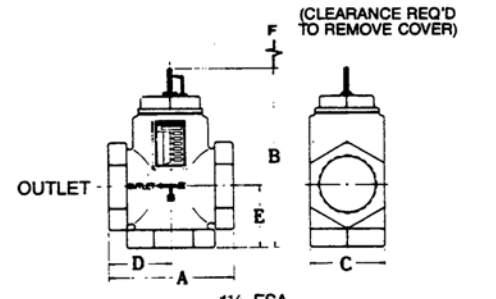
| MODEL NUMBER | CONNECTION SIZES | | QUANTITY REQUIRED | IDENTIFICATION |
|--------------|------------------|------------------|-------------------|----------------|
| | INLET FROM PUMP | OUTLET TO SYSTEM | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| MATERIALS OF CONSTRUCTION | |
|---------------------------|----------------------------------|
| Body | Cast Iron |
| Disc and Seat | Bronze |
| Stem | Stainless Steel |
| Packing | John Crane Kevlar (non-asbestos) |

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|--------------------------------------|
| MAXIMUM WORKING PRESSURE: 125 PSIG |
| MAXIMUM OPERATING TEMPERATURE: 250°F |

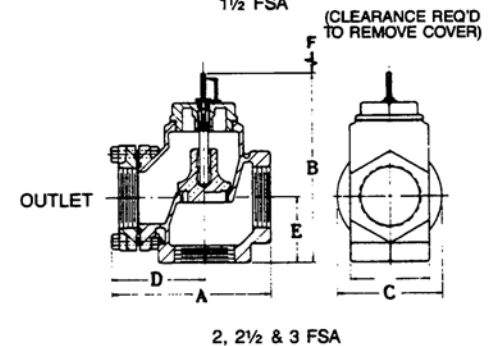
DIMENSIONAL DATA

| MODEL | CONNECTION SIZES | | DIMENSIONS (inches) | | | | | | Wt. (lbs) |
|--------|------------------|----------|---------------------|-----|----|----|----|----|-----------|
| | PUMP | OUTLET | A | B | C | D | E | F | |
| 1½ FSA | 1½ NPT | 1½ NPT | 5 | 8¾ | 3 | 2½ | 2¼ | 2¾ | 9 |
| 2 FSA | 2 NPT | 2 Flg'd | 6⅞ | 9⅞ | 4⅞ | 4 | 2⅝ | 2¾ | 13 |
| 2½ FSA | 2½ NPT | 2½ Flg'd | 8⅞ | 11½ | 6 | 5 | 3½ | 3¾ | 24 |
| 3 FSA | 3 NPT | 3 Flg'd | 9 | 11¾ | 6 | 5¼ | 3¾ | 3¾ | 26 |



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. (19 GPM) | 1.8 ft. (25 GPM) | 2.7 ft. (32 GPM) | 3.5 ft. (38 GPM) | |
| 2 FSA | Straight | 2.7 ft. | 4.7 ft. | 7.3 ft. | 10.8 ft. | |
| | Angle | 1.5 ft. (32 GPM) | 3.2 ft. (43 GPM) | 5.0 ft. (54 GPM) | 7.0 ft. (64 GPM) | |
| 2½ FSA | Straight | 1.6 ft. | 3.2 ft. | 5.1 ft. | 7.2 ft. | 12.5 ft. |
| | Angle | 1.3 ft. (45 GPM) | 2.2 ft. (60 GPM) | 3.5 ft. (75 GPM) | 4.7 ft. (90 GPM) | 8.2 ft. (120 GPM) |
| 3 FSA | Straight | 2.1 ft. | 3.6 ft. | 5.5 ft. | 8.2 ft. | 14.4 ft. |
| | Angle | 1.6 ft. (70 GPM) | 2.7 ft. (92 GPM) | 4.2 ft. (115 GPM) | 6.3 ft. (138 GPM) | 11.2 ft. (185 GPM) |



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

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