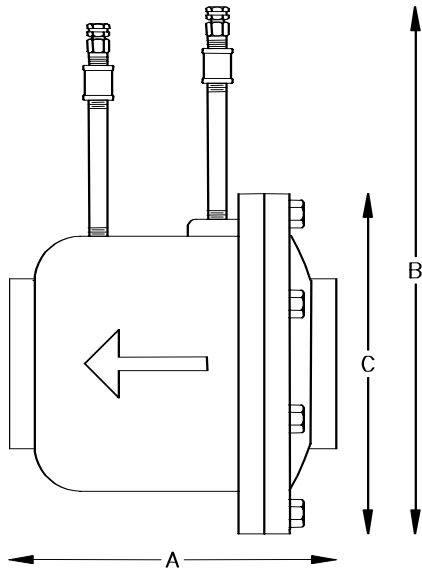


**BRONZE VALVE BODY**



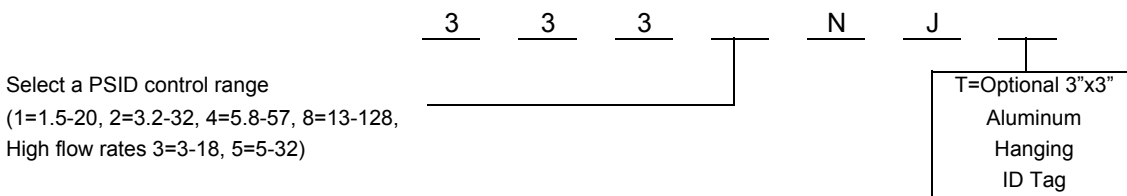
**SPECIFICATIONS**

- PSI/Temperature Rating:** 200 PSI / 250° F
- Cartridge:** AISI Type 304 stainless steel  
AISI Type 17-7 PH stainless steel spring
- Body Material:** Naval Bronze ASTM B61-922
- End Connections:** 3" Female NPT
- Seals:** EPDM O-Rings
- Body Tappings:** 1/4" NPT with Brass P/T test valves
- Assembly:** Valve comes fully assembled  
Pressure/temperature extensions are shipped loose

**DIMENSIONS & WEIGHTS (NOMINAL)**

| SIZE | MODEL NO. | A LENGTH | B HEIGHT | C DIAMETER | WEIGHT (LBS.) |
|------|-----------|----------|----------|------------|---------------|
| 3"   | 333 NJ    | 9.5      | 14.75    | 10.0       | 39            |

**MODEL NUMBER SELECTION<sup>1</sup>**



**NOTES**

<sup>1</sup> Model no. and flow rate are indicated on label affixed to body.  
Replaces form F-4043C

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**FLOW RATES (+/- 5%)**

| TYPE OF CARTRIDGE: |           | STANDARD FLOW                  |        |        |        |        |
|--------------------|-----------|--------------------------------|--------|--------|--------|--------|
| LINE SIZE          | MODEL NO. | NOMINAL CONTROL RANGE (PSID)   | 1.5-20 | 3.2-32 | 5.8-57 | 13-128 |
|                    |           | MAX. PRESSURE DIFF. (PSI)      | 20     | 32     | 57     | 128    |
|                    |           | HEAD LOSS IN FEET <sup>2</sup> | 3.0    | 7.4    | 13.4   | 30.0   |
|                    |           | GPM INCREMENTS                 | 2.0    | 2.5    | 3.33   | 5.0    |
| 3                  | 333_      | Minimum GPM                    | 14     | 17.5   | 23.33  | 35     |
|                    |           | Maximum GPM                    | 180    | 225    | 300    | 450    |

| TYPE OF CARTRIDGE: |           | HI-FLOW                        |                       |                        |                       |                        |
|--------------------|-----------|--------------------------------|-----------------------|------------------------|-----------------------|------------------------|
| LINE SIZE          | MODEL NO. | NOMINAL CONTROL RANGE (PSID)   | 3-18 (LOW INCREMENTS) | 3-18 (HIGH INCREMENTS) | 5-32 (LOW INCREMENTS) | 5-32 (HIGH INCREMENTS) |
|                    |           | MAX. PRES. DIFF. (PSI)         | 18                    | 18                     | 32                    | 32                     |
|                    |           | HEAD LOSS IN FEET <sup>2</sup> | 5.8                   | 5.8                    | 11.5                  | 11.5                   |
|                    |           | GPM INCREMENTS                 | 2.0                   | N/A                    | 2.5                   | N/A                    |
| 3                  | 333_      | Minimum GPM                    | 100                   | 300                    | 135                   | 535, 560, 600          |
|                    |           | Maximum GPM                    | 260                   |                        | 475                   |                        |

**NOTES**

<sup>2</sup> Head Loss in Feet is provided for pump head calculations. (1 PSI = 2.307 Feet of Water)

Replaces form F-4043C

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