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|----------------------|-------------------------|
| JOB NAME: | CONTRACTOR: |
| JOB LOCATION: | APPROVAL: |
| ENGINEER: | CONTRACTOR P.O.: |
| APPROVAL: | REPRESENTATIVE: |

710190 - 710061 - 710062

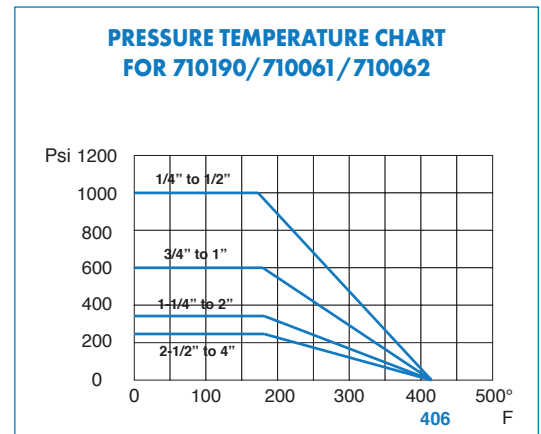
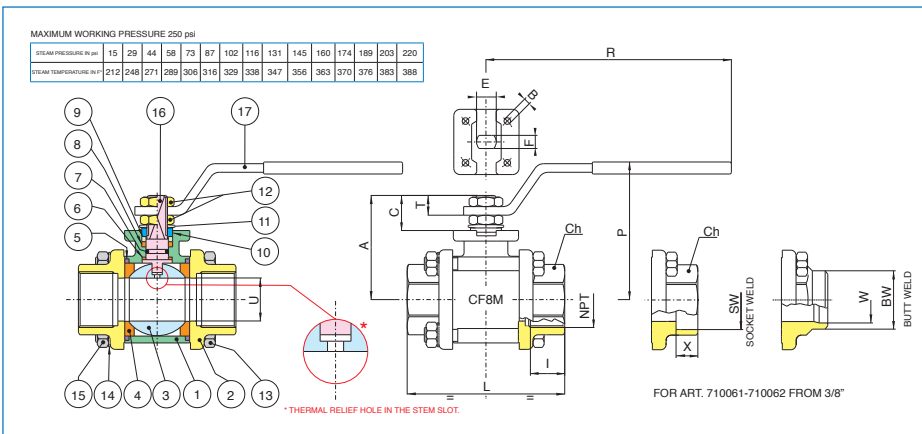
FNPT SW BW

FULL PORT 2-WAY, 3-PIECE STAINLESS STEEL BALL VALVE FOR STEAM
1/4" TO 4"

VALVE FEATURES

- Full port sizes 1/4" to 4"
- Working pressure is 1000 psi (1/4" to 1/2"), 600 psi (3/4" to 1"), 350 psi (1-1/4" to 2"), 230 psi (2-1/2" to 4") - 250 steam
- Temperature range: -4°F to 406°F
- Blow out proof stem, adjustable stem packing
- 25% carbon filled P.T.F.E. ball seats
- ISO 5211 mounting pad with double "D" stem
- 100% electronically tested in the open and closed position at 80 psi
- TUV T.A. Luft approved

SPECIFICATIONS



| N POS | PART NAME | MATERIAL | N PCS |
|-------|----------------|---|-------|
| 1 | BODY | CF8M | 1 |
| 2 | END CONNECTION | CF8M | 2 |
| 3 | BALL | AISI 316-CF8M | 1 |
| 4 | BALL SEAT | R.P.T.F.E. | 2 |
| 5 | SEAL | FKM (Viton) | 2 |
| 6 | STEM SEAL | R.P.T.F.E. | 1 |
| 7 | O-RING | FKM (Viton) | 1 |
| 8 | STEM SEAL | R.P.T.F.E. | 1 |
| 9 | PACKING GLAND | AISI 303 (1/4" to 2") STEEL (2-1/2" to 4") | 1 |
| 10 | END STOP | AISI 304 (1/4" to 2") STEEL (2-1/2" to 4") | 2 |
| 11 | SPRING WASHER | STEEL (2-1/2" to 4") | 1 |
| 12 | NUT | AISI 304 (1/4" to 2") STEEL (2-1/2" to 4") | 2 |
| 13 | BOLT | AISI 304 (1/4" to 2") STEEL (2-1/2" to 4") | 4 |
| 14 | WASHER | AISI 304 (1/4" to 2") STEEL (2-1/2" to 4") | 6 |
| 15 | NUT | AISI 304 (1/4" to 2") STEEL (2-1/2" to 4") | 4 |
| 16 | STEM | AISI 316 | 1 |
| 17 | HANDLE | AISI 431 (1/4" to 2") STEEL (2-1/2" to 4") | 1 |

| SIZE | U | I | SW | X | BW | W | L | CH | R | P | A | C | T | E | F | ISO 5211 | B | Cv | psi | Weight Lbs. |
|--------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|----------|------|---------|------|-------------|
| 1/4" * | 0.39 | 0.43 | - | - | - | - | 2.24 | 0.86 | 4.35 | 1.96 | 1.37 | 0.53 | 0.35 | 0.31 | 0.19 | - | - | 6.36 | 1000 | 0.61 |
| 3/8" | 0.39 | 0.44 | 0.71 | 0.37 | 0.67 | 0.49 | 2.24 | 0.86 | 4.35 | 1.96 | 1.37 | 0.53 | 0.35 | 0.31 | 0.19 | - | - | 9.83 | 100 | 0.61 |
| 1/2" | 0.59 | 0.59 | 0.88 | 0.37 | 0.83 | 0.62 | 2.55 | 1.06 | 5.17 | 2.51 | 1.85 | 0.59 | 0.39 | 0.39 | 0.27 | F03 | 0.23 | 22.21 | 100 | 0.88 |
| 3/4" | 0.78 | 0.64 | 1.09 | 0.43 | 1.05 | 0.82 | 2.99 | 1.25 | 5.17 | 2.67 | 2.02 | 0.59 | 0.39 | 0.39 | 0.27 | F04 | 0.21 | 40.50 | 600 | 1.32 |
| 1" | 0.98 | 0.75 | 1.35 | 0.50 | 1.31 | 1.04 | 3.62 | 1.61 | 6.87 | 3.09 | 2.36 | 0.76 | 0.49 | 0.47 | 0.31 | F04 | 0.23 | 74.63 | 600 | 2.42 |
| 1-1/4" | 1.25 | 0.84 | 1.70 | 0.56 | 1.66 | 1.38 | 4.19 | 1.96 | 6.87 | 3.28 | 2.53 | 0.76 | 0.49 | 0.47 | 0.31 | F04 | 0.21 | 120.10 | 350 | 3.36 |
| 1-1/2" | 1.49 | 0.84 | 1.94 | 0.62 | 1.90 | 1.61 | 4.56 | 2.16 | 9.86 | 3.93 | 3.11 | 0.94 | 0.64 | 0.62 | 0.39 | F05 | 0.25 | 201.32 | 350 | 4.61 |
| 2" | 1.96 | 1.01 | 2.44 | 0.68 | 2.37 | 2.06 | 5.35 | 2.75 | 9.86 | 4.21 | 3.38 | 0.94 | 0.64 | 0.62 | 0.39 | F05 | 0.25 | 348.80 | 350 | 7.03 |
| 2-1/2" | 2.55 | 1.18 | 3.01 | 0.78 | 2.87 | 2.46 | 6.04 | 3.54 | 12.65 | 4.98 | 4.05 | 1.10 | 0.70 | 0.78 | 0.55 | F07 | M8 | 631.37 | 230 | 18.24 |
| 3" | 3.15 | 1.31 | 3.52 | 0.78 | 3.50 | 3.06 | 7.08 | 4.13 | 12.65 | 5.41 | 4.48 | 1.10 | 0.70 | 0.78 | 0.55 | F07 | M8 | 1009.48 | 230 | 29.45 |
| 4" | 3.93 | 1.54 | 4.52 | 0.78 | 4.50 | 4.02 | 8.54 | 5.11 | 15.01 | 6.16 | 5.39 | 1.35 | 0.86 | 0.94 | 0.70 | F10 | M10 | 1577.34 | 230 | 46.79 |

* 1/4" available in 710190 only



**RUBINETTERIE
BRESCIANE**



VALPRES