



BIMETAL THERMOMETER ADJUSTABLE ANGLE TYPE

MODEL BR3A AND BR5A



Model BR3A and BR5A
Bi-Metal Thermometer Adjustable Angle Type

FEATURES:

- All Stainless Steel Construction
- Adjustable Angle Connection
- 3" (75mm) and 5" (127mm) dial size
- Glass Lens
- Anti-Parallax Dial
- Vibration resistant design for reduced needle flutter
- Fast Response
- Hermetically sealed IP68
- Accuracy: $\pm 1\%$ Full Scale
- Welded Stem

APPLICATIONS:

- Heating and Air Conditioning
- Industrial
- Wastewater

SPECIFICATIONS:

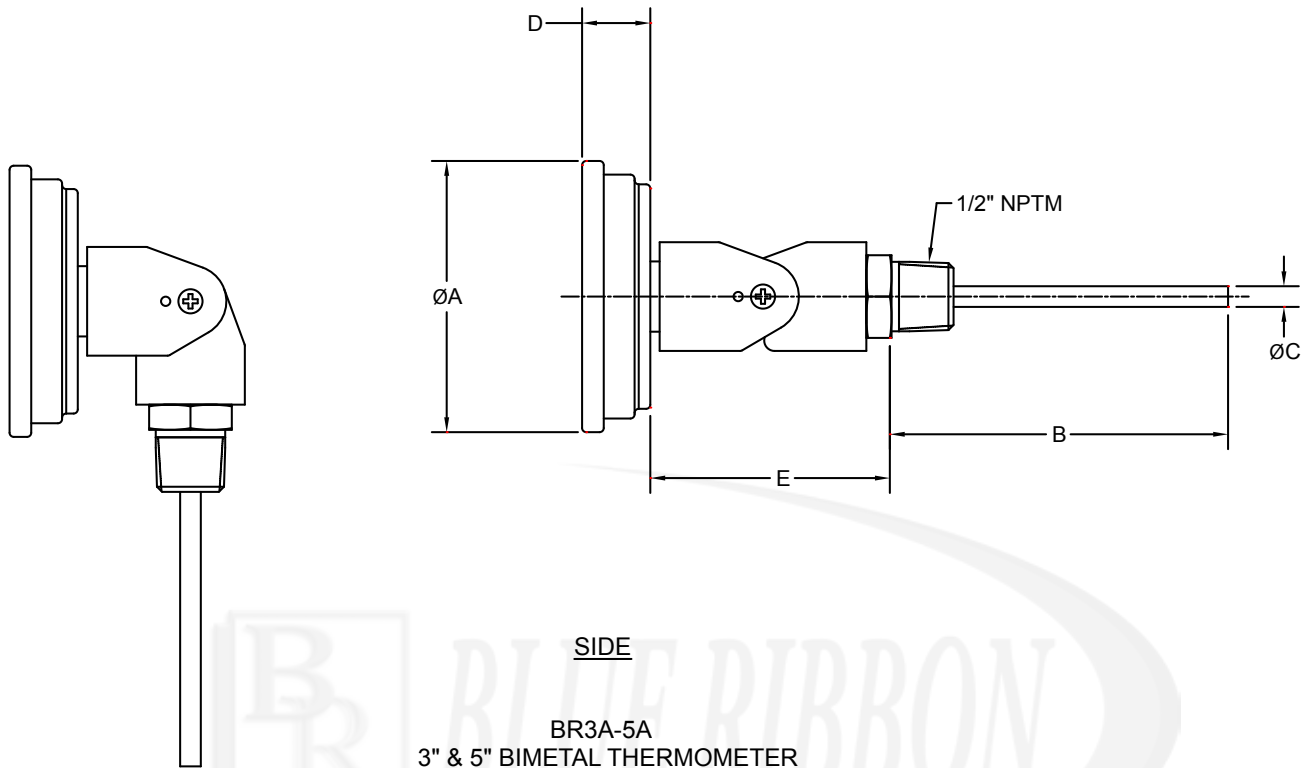
- Dial: 3" (75mm) and 5" (127mm)
- Aluminum with black markings, anti-parallax
- Case, Ring and Stem AISI 304 SS
- Recalibrator Screw Standard
- Lens: Glass, hermetically sealed
- Connection: $\frac{1}{2}$ " NPT standard
- Pointer: Aluminum, painted black
- Maximum Operating Pressure: 125 PSI (861 kPa)
- Operating Temperature: 75% of full scale (recommended)
- Ambient Temperature: -58 °F to 248 °F (-50 °C to 120 °C)
- Accuracy: $\pm 1\%$ of full scale
- Enclosure Rating: IP68

BR5SL-T-002
REV-A

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DIMENSIONAL DRAWING

All dimensions are in inches (mm)



ORDERING GUIDE

| | | A | B | C | D | E |
|----------------|-----|--------|-----------|------|-------|------|
| 3" DIAL | IN. | 3.18" | STEM LGTH | .25" | .60" | .38" |
| | MM | 80.78 | STEM LGTH | 6.45 | 15.24 | 9.76 |
| 5" DIAL | IN. | 5.13" | STEM LGTH | .25" | .67" | .38" |
| | MM | 130.87 | STEM LGTH | 6.45 | 16.95 | 9.76 |

| STEM LENGTH* | PART NUMBER | | CODE | RANGE |
|--------------|-------------|---------|------|----------------|
| | 3" DIAL | 5" DIAL | | |
| 2.5" | BR3A-2 | BR5A-2 | TA | -40/120 F & C |
| 4" | BR3A-4 | BR5A-4 | TB | -40/160 F & C |
| 6" | BR3A-6 | BR5A-6 | TE | 0/150 F & C |
| 9" | BR3A-9 | BR5A-9 | TG | 0/200 F & C |
| 12" | BR3A-12 | BR5A-12 | TJ | 20/240 F & C |
| 15" | BR3A-15 | BR5A-15 | TI | 0/250 F & C |
| 18" | BR3A-18 | BR5A-18 | TM | 50/300 F & C |
| 24" | BR3A-24 | BR5A-24 | TP | 50/400 F & C |
| | | | TR | 50/550 F & C |
| | | | TS | 150/750 F & C |
| | | | TT | 200/1000 F & C |

All specifications are for reference purposes only. In the interests of continuous product improvement, all specifications are subject to change without notice. Please contact Blue Ribbon Corporation for assistance with your application.

