BIMETAL THERMOMETER ADJUSTABLE ANGLE TYPE



Model BR3A and BR5A
Bi-Metal Thermometer Adjustable Angle Type

MODEL BR3A AND BR5A

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: ±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: ½" 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: ±1% of full scale (ASME B40.3, Grade A)
- Enclosure Rating: IP68

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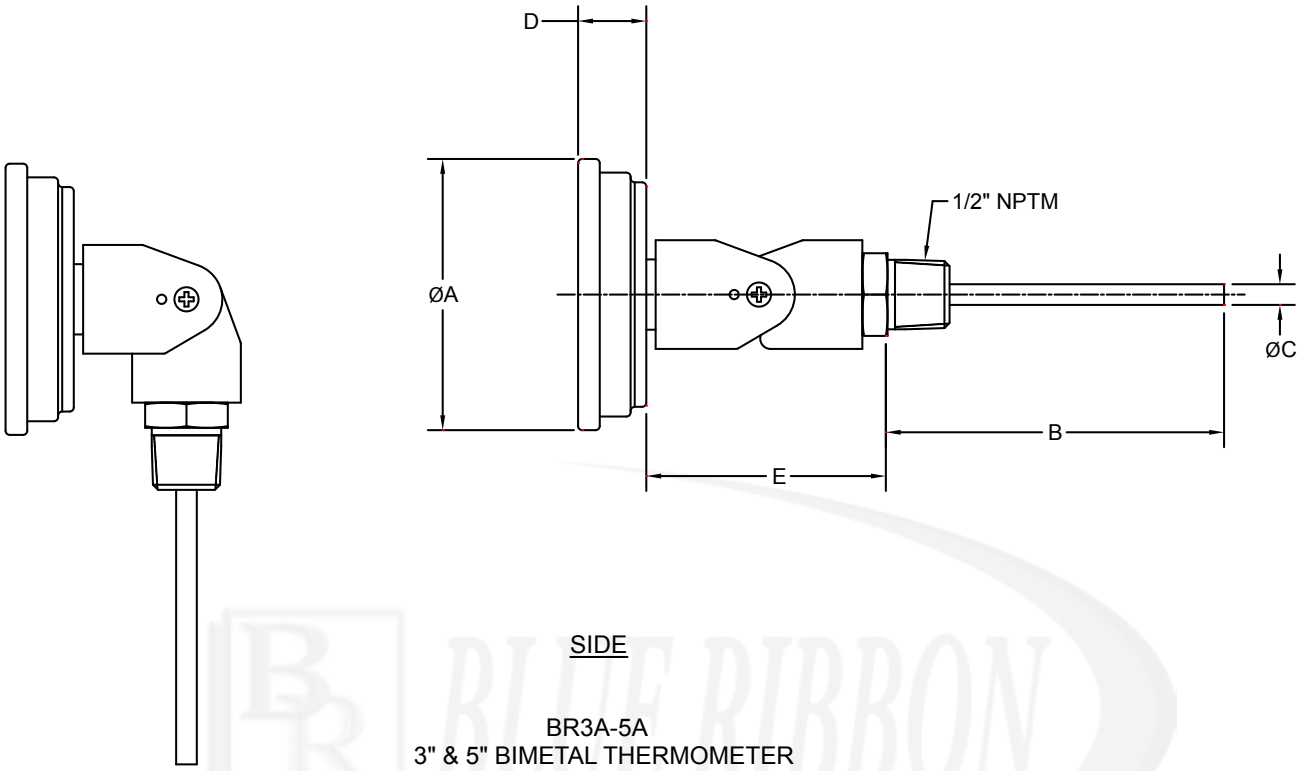
BIMETAL THERMOMETER ADJUSTABLE ANGLE TYPE

DIMENSIONAL DRAWING

All dimensions are in inches (mm)



SIDE

BR3A-5A
3" & 5" BIMETAL THERMOMETER

		A	B	C	D	E
3" DIAL	IN.	3.18"	STEM LGTH	.25"	.60"	2.38"
	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

ORDERING GUIDE

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.

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