

# MODELS- 2042, 2043, 2047 Series



## Rigid Stem Bi-Metal Stainless Steel Thermometer

An high technical specification and wide range of standard features make this thermometer the obvious choice for a wide range of process and engineering applications. Bi-Metal Thermometers with Rigid Stems are suitable for measuring and monitoring temperatures directly from the source of the heat. Bi-Metal Thermometers are often used in Chemical and Allied Industries such as Offshore Oil & Gas where the atmosphere is corrosive, and severe due to weather conditions.

### STANDARD SPECIFICATION

Rigid Stem Bi-Metal Stainless Steel Thermometer  
(Weatherproof Construction to IP66)

**Temperature element**  
Bi-Metal System

**Case**  
316 Stainless Steel Weatherproof Construction

**Bezel**  
316 Stainless Steel

**Dial**  
White Anodised Aluminium (Black Printing)

**Pointer**  
Black Aluminium

**Stem**  
Stainless Steel (Dia 6,8,10,12mm) (Length 100mm to 1000mm)

**Window**  
Sheet Glass

**Standard Size**  
63, 100, 150 mm

**Accuracy class**  
1.5%

**Scale Range**  
- 50 up to 600 deg C.

*Thermowells See separate data sheet for details.*

Model-2042



**See Page-2 for Dimension,**

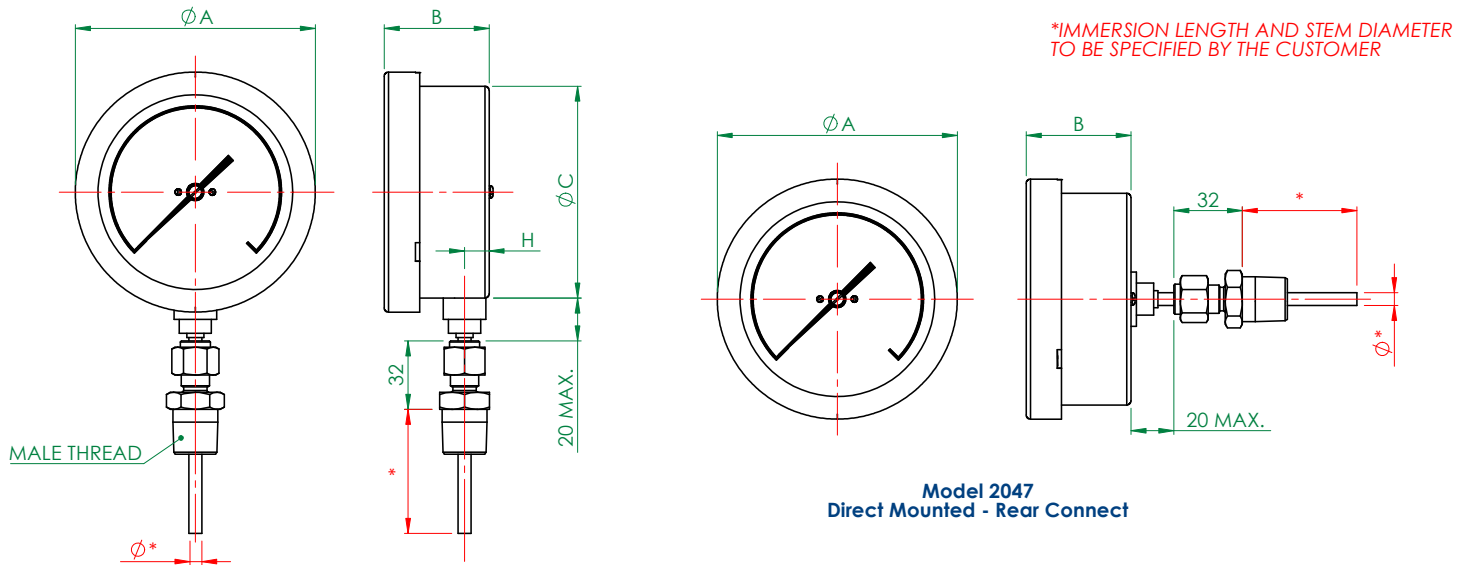
### Optional Extras

- Pointer: Slot adjustable Black Finish.
- Window: laminated Safety Glass / Perspex.
- Thermowells: to user specification.
- Also available in Mild Steel Case with Brass Stem.
- Additional Variations: On request

Ordering Parameters, Please state the following: SIZE, MODEL NO, SCALE RANGE, CONNECTION, & OPTIONAL EXTRAS

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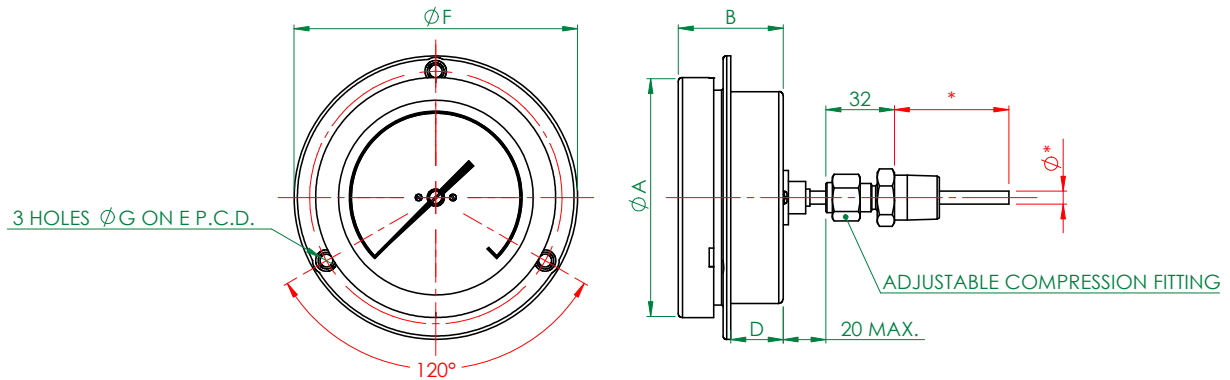
## Rigid Stem Bi-Metal Stainless Steel Thermometer



**Model 2042**  
Direct Mounted - Bottom Connect

**Model 2047**  
Direct Mounted - Rear Connect

**Model 2043**  
Flush Mounted Screw Fix - Rear Connect



RIGID STEM THERMOMETER DIMENSIONS										
Dial Size/mm	Case Matl	A	B	C	D	E	F	G	H	Cut out
63	Mild Steel	65	43	65	36	78	90	4		70
63	SST	68.5	37.5	62	21.5	75	85	3.8	8	66
100	Mild Steel	103	45	103	39	121	134	5		112
100	SST	112	48.5	99	24.5	118	132	6	11.5	106
125	Mild Steel	N/A								
125	SST	129	49	115	24.5	137	159	5.8	11.5	121
150	Mild Steel	152	45	152	39	175	185	5		160
150	SST	162	50.5	148	24	168	186	5.8	11.5	153

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DATA SHEET REF: RidgidStemTherm-REV01-16

