

# PBJ - LIQUID FILLED PLASTIC CASED INDUSTRIAL

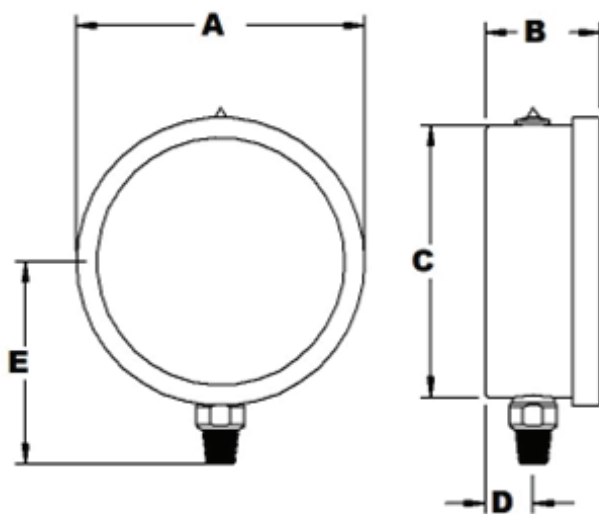


The Rhomberg PBJ series (utility) is Ideal for use in the refrigeration industry, especially those experiencing vibration, pulsation and shock.

A utility gauge is a mechanical device usually used for measuring the pressure of gases or liquids. It consists of a semicircular or coiled, flexible metal tube attached to a connector block.

These gauges are made from brass, stainless steel and others. It is suitable for use with any liquid or gas that does not attack the copper alloys. It can be available in various dial sizes.

This gauge is commonly used for pumps, compressors and predominately in the refrigeration industry and incorporates a rear entry zero adjustable screw.



## Materials

<b>Housing</b>	Nylon 6, 15% GF (black, red and blue other colours on request)
<b>Bezel</b>	304SS (316SS on request)
<b>Window</b>	Polycarbonate
<b>Wetted Parts</b>	Brass or 316L SS (block & tube)
<b>Pointer</b>	Aluminium (black)
<b>Seals</b>	Nitrile
<b>Dial</b>	Aluminium/white background and black numerals (customized designs on request)
<b>Fill Plug</b>	2-part Body material (TPV)

## Configuration

A

## Nominal Sizes

63mm(2.5") 80mm(3.15")

## Dampening

Glycerine filled

## Accuracy

1.6% FSD

## Nett Mass

63mm: 240g filled  
80mm: 400g filled

## Temperature

Operating -25 DC to 60 DC  
Medium -25 DC to 85 DC  
Storage -40 DC to 85 DC

## Ingress (Weather Protection)

IP67

## Accreditation

SABS1062

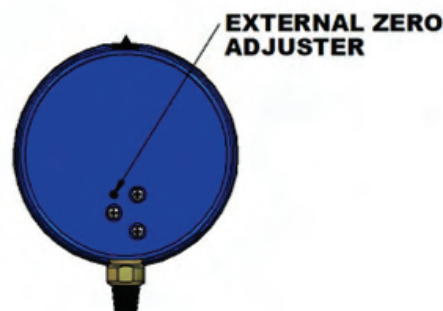
## Thread Sizes

1/8 - 1/4 BSP/NPT (for other sizes and types, please contact the factory)

## Pressure Range

**Brass internals:** vacuum - 0 - 60MPa. Over Pressure Limit, 25% FSD for brief periods

**Stainless Steel internals:** vacuum - 0 - 70MPa. Over Pressure Limit, 25% FSD for brief periods



Nominal Sizes

Dimension		A	B	C	D	E
63mm (2.5")	Metric Imperial	85,00 3,35	34,00 1,34	80,00 3,15	14,00 0,55	60,00 2,36
100mm (4")	Metric Imperial	69,00 2,72	33,00 1,30	64,00 2,52	14,00 0,55	52,00 2,05

Dimensions