TAS
082 375 3280 / 011 326 4146

# PRESSURE MEASUREMENT

## Tyre Pressure Gauge

**Type R3:** Stainless steel case with brass internals

Data Sheet P TYRE3

**Service Intended**
Suitable for inspection of tyre air pressure in the automotive and industrial environment.

**Case Details**
Nominal Dia: 63 mm standard.
50, 80 & 100 mm dia on request.
Material: Stainless steel 304

**Bezel**
**Type R**: S/Steel rolled ring type - tamper proof.

**Pressure Connections**
Material: Type 3: Brass self sealing valve fitting.
Position: See “Mounting Configurations”.

**Pressure Element**
Material: Type 3: Cu-alloy.

**Geared Movement**
Material: Clockwork brass.

**Pointer**
Collet: Aluminium or brass
Blade: Black aluminium

**Dial**
Material: Aluminium, white with black lettering.

**Window**
Instrument glass or plexiglass.

**Weather Protection**
IP 65 Dust & weather proof.

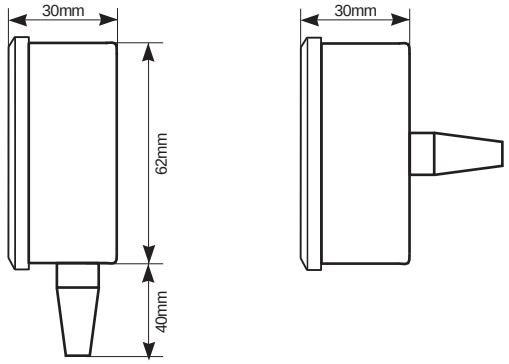
**Working Pressure**
Steady: Full scale value
Fluctuating: 90% of full scale value
Short Period: 130% of full scale value

**Accuracy Class**
Class 1.6 *( 1.6 % of full scale value )*

**Optional Extras**
Calibration Certificate
Rubber cover *( for robust handling )*
Customized scale plates *( customer logo, red line, etc )*
Special Dials, other than standard *( psi, inHG, etc )*
Colour Coding of dial
Drag pointer *(maximum set pointer)*
Damped movement *( Vibragauge )*

For dimensional drawing see technical section

## MOUNTING CONFIGURATIONS




**A** - Bottom Connection **B** - Rear Connection

## STANDARD PRESSURE RANGES

| Ranges | Figure Interval | Minor Graduations |
|---|---|---|
| **Standard pressure range** | | |
| Dual scale 0 / 400 kPa ( primary ), 0 / 4 bar ( secondary ) scale | 100 | 10 |
| Dual scale 0 / 1000 kPa ( primary ), 0 / 10 bar ( secondary ) scale | 200 | 20 |
| **Optional pressure ranges** | | |
| Dual scale 0 / 60 kPa ( primary ), 0 / 0,6 bar ( secondary ) scale | 10 | 1 |
| Dual scale 0 / 100 kPa ( primary ), 0 / 1 bar ( secondary ) scale | 20 | 2 |
| Dual scale 0 / 160 kPa ( primary ), 0 / 1,6 bar ( secondary ) scale | 20 | 5 |
| Dual scale 0 / 250 kPa ( primary ), 0 / 2,5 bar ( secondary ) scale | 50 | 5 |
| Dual scale 0 / 600 kPa ( primary ), 0 / 6 bar ( secondary ) scale | 100 | 10 |
| Dual scale 0 / 800 kPa ( primary ), 0 / 8 bar ( secondary ) scale | 100 | 10 |
| *Customized and other scales such as bar / psi / inHG etc. are available on request* | | |