



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

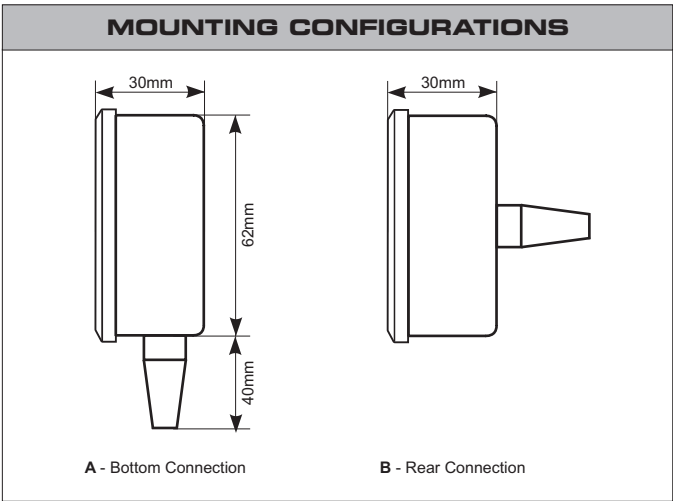
Class 1.6 (1.6 % of full scale value)

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



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
<i>Customized and other scales such as bar / psi / inHG etc. are available on request</i>		