

## PRESSURE GAUGE - WORKING PRESSURE

### What is the working pressure of a pressure gauge?

The working pressure is the operating range of a pressure gauge. It is the amount of force being applied to the internals of the gauge under normal operating conditions.

Before installing a gauge it is vital to know the systems working pressure for safety reasons.

Typically, pressure gauges should only be used within 75% of the overall gauge range, however this is reduced with pulsating pressure down to 65%.

For example, if an operating system working pressure is 10 bar, a pressure gauge with the maximum range of 10 bar should not be used. The operating system would overpressure the gauge and the gauge could become damaged.

The ideal pressure gauge to use on this operating system would be a gauge with a range of 16 bar, as 75% of this range is 12 bar.

