



The TMT 2.4 Litre Compensator Bottle is used to maintain compensation oil pressure. The Compensator Bottle acts as a spring-loaded accumulator to maintain an approximate compensated oil pressure of 3.5psi (0.25bar) when empty to 13.5 psi (0.95bar) when full, using the standard four (4) spring configuration. These pressures can be halved by using two (2) springs in the Compensator Bottle.

The compensator allows for volumetric expansion and contraction of fluids in compensated housings due to changes in temperature and pressure.

The Compensator Bottle can be configured, so it is easy to fill or empty, using quick connect / disconnect fittings. No special tooling or jigs are required for reassembly or disassembly of the Compensator Bottle. This makes the compensator very safe, as normal disassembly removes all of the tools stored spring energy.

A 15 or 20psi pressure relief valve is fitted to prevent over-pressure.

The Compensator Bottle shown includes the optional Linear Level Sensor.

The TMT 2.4 litre Compensator Bottle can be customised to suit most applications.

Features:

- **Safe** disassembly
- Corrosion resistant materials
- Spring loaded
- Pressure relief valve (20psi)
- Optional linear sensor
- Anodic protection
- Field proven
- Easy to install and remove
- Mounted horizontally or vertically

Specifications:

- | | |
|--------------------------------|--|
| • Dimensions | Ø187 x375Hmm |
| • Weight in Air, empty* | 7.6kg |
| • Weight in Seawater, empty* | 4.6kg |
| • Spring combination pressures | |
| Full 2 springs / 4 springs | ~6.75 / 13.5 psi |
| • Volume | 2.4L |
| • Fluid connector | ⁷ / ₁₆ JIC |
| • Electric Cable | Impulse 3 Pin ¹ / ₂ -24" |
| • Depth Rating | Unlimited |

*Including the fittings and the level sensor.

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