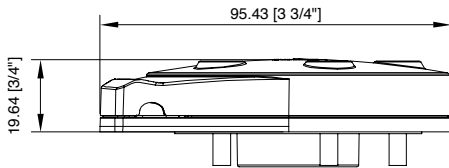
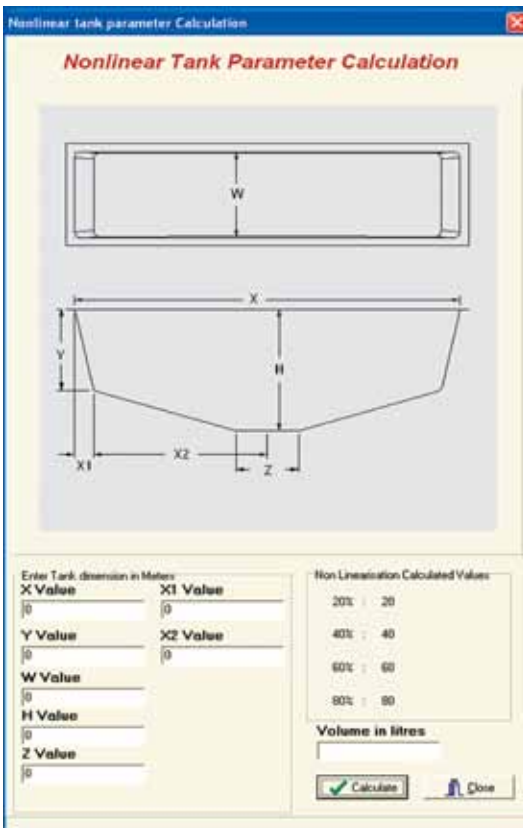


## BEP™ Ultrasonic Tank Sender—No Moving Parts

- Handles common outputs – 240-33, 10-180, Vetus 10-300 and 0-5 V tanks from BEP, Teleflex, Faria, VDO and many other popular instrument brands. (When connecting to non-adjustable gauges the TS1 must be pre-calibrated)
- Low Profile Design and standard SAE 5 hole mounting pattern, allowing it to be retrofitted to practically all other sender brands.
- Can be set for tank dimensions via computer using BEP™ Marine's proprietary TS1 software, avoiding experimental tank filling on site
- Connects directly to the DC systems monitors (80-600-0021 & 80-600-0022-00 page 164) when configured to a 0-5 V output
- Is set for 0-2000 mm depth off the shelf (not suitable for tank depths less than 200 mm) 8 inches.
- Operating voltage: 10-32 V
- Current draw: 25 mA with 5 V gauge output
- Measurement method: Acoustic sonic measurement
- Tank depth: 0–2000 mm (6.5 ft)
- Accuracy Distance: 0–2000 mm (6.5 ft) at 2 mm accuracy
- Mounting: SAE 5 stud mounting pattern with gasket, seal and screws (top mount only).
- Environmental temperature: 4–65 °C
- Chemical resistance: Petrol, diesel, water, toilet chemicals
- Tank type style: Metal and plastic with non linear capacity
- Works with petrol, diesel, fresh water, grey water and black water



...the most unique and sophisticated system of any tank monitor tested... the ultrasonic technology is extremely accurate.  
Practical Sailor Magazine, July 2009



BEP's proprietary Window's based software application allows for TS1 senders to be programmed specific to tank shape, size and fluid type via a computer's USB port.

Programming is a simple process and can be carried out by downloading free software from [www.bepmarine.com](http://www.bepmarine.com) and purchasing a programming kit **TS1-PK**.

Once programmed, the specific tank parameters are stored in the non-volatile memory of the TS1. Find more detailed information at [bepmarine.com](http://bepmarine.com)

## TS1 Programming Device



MARINE SYSTEMS MANAGEMENT