

Product Specification Sheet

SonarBell® 50mm diameter

550 kHz optimized

Overview

This SonarBell® product is designed to provide years of service with only minimal maintenance. It is provided with a rigid connector or custom made net and a stainless connector to attach the SonarBell® to a secure point. To keep the net mounted SonarBell® suspended in the water column a small float (available from SALT Ltd) should be connected to provide buoyancy.

This SonarBell® is designed with a single, peak at the resonant frequency. It has a distinctive “Double-Echo” which is clearly visible on most sonars, allowing a very simple and unequivocal identification method for the item that has been marked.

SonarBell® is currently available in 50mm, 100mm and 200mm diameters.

Benefits

The major benefits of using SonarBell® are:

- Higher performance size for size than conventional passive markers allowing greater detection range;
- Distinctive return is easier to see;
- Near neutral buoyancy allows safer handling and deployment;
- Pressure equalised design which is not dangerous after being at depth;
- Environmentally friendly construction.

Specification

The specifications for this SonarBell® product are shown in the table below:

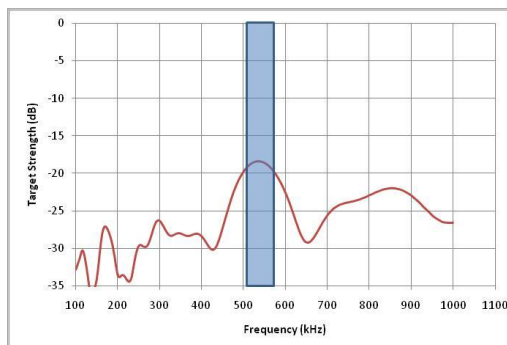
Parameter	SonarBell®
Product Code	SB50-P-550
Weight (in Air)	0.070Kg
Weight (in Seawater)	0.010Kg
Minimum temperature	-10°C
Maximum temperature	+60°C
Design life	>10 years
Maximum depth	>4,000m(Pressure equalized)
Optimal cleaning interval Location dependant	Annual

SonarBell® specification table

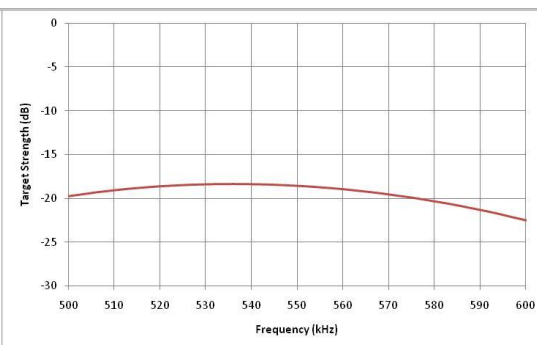
Options & Accessories

The following options are available for this product:

- Custom net (standard or inline) and connector;
- Magnetic clamp (for use with rigid connector);
- Anti-foul coating;
- Buoyancy float;
- Calibration certification;
- Weight bag and extension lanyards (2m or 5m);
- Robust, reusable carry case.



Broadband Response of 50mm SonarBell®



Narrowband Response of 550 kHz optimized
(All TS figures $\pm 2dB$)