

## Product Specification Sheet

# SonarBell® 100mm diameter

## 325 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:

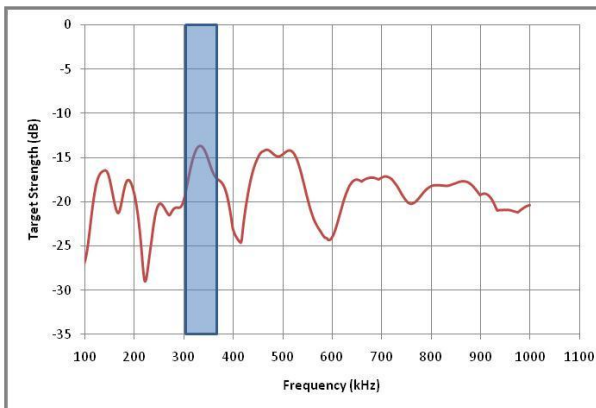
| Parameter                                       | SonarBell®                   |
|---|------------------------------|
| Product Code                                    | SB100-P-325                  |
| Weight (in Air)                                 | 0.580Kg                      |
| Weight (in Seawater)                            | 0.060Kg                      |
| Minimum temperature                             | -10°C                        |
| Maximum temperature                             | +60°C                        |
| Design life                                     | >10 years                    |
| Maximum depth                                   | >4,000m (Pressure equalized) |
| Optimal cleaning interval<br>Location dependant | Annual                       |

SonarBell® specification table

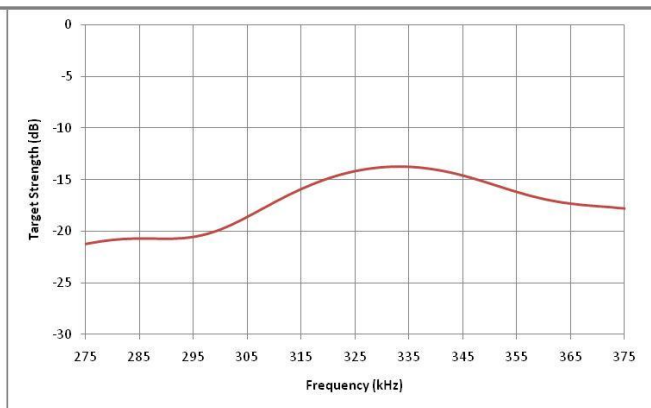
### Options & Accessories

The following options are available for this product:

- Custom net (standard or inline) and connector;
- Rigid 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 100mm SonarBell®



Narrowband Response of 325 kHz optimized  
(All TS figures  $\pm 2dB$ )