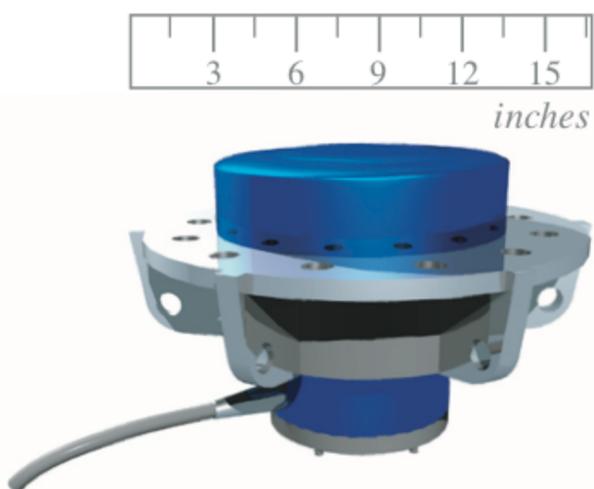


# Model ITC- 5008

## High Power Depth Sounder Transducer

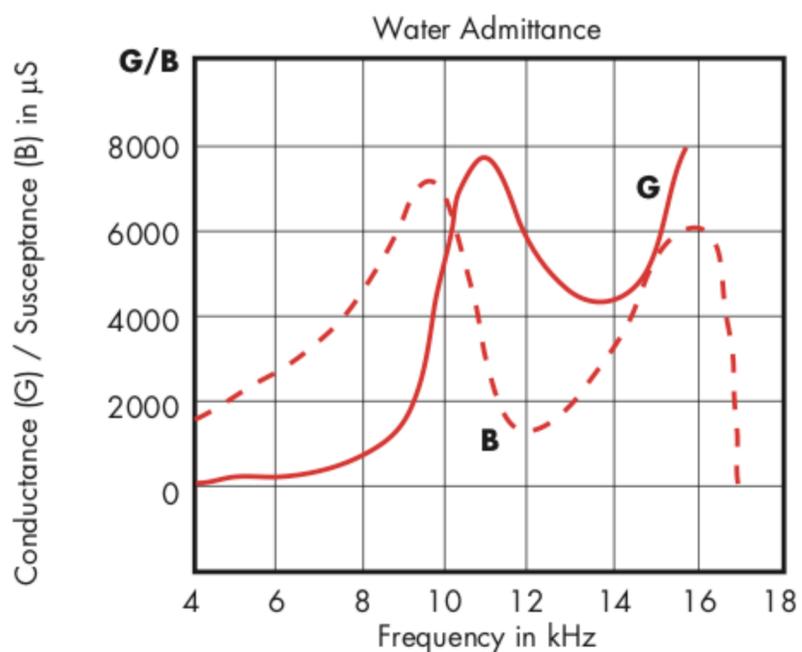
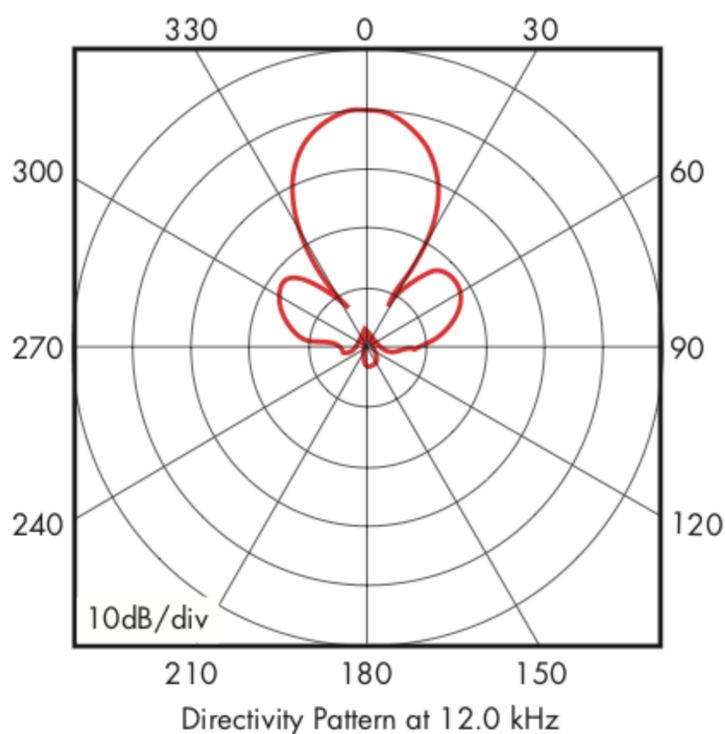
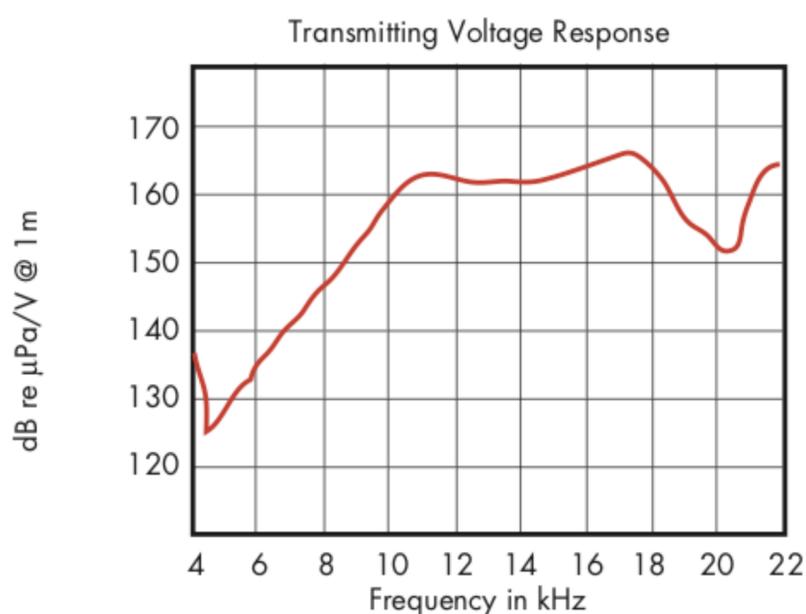
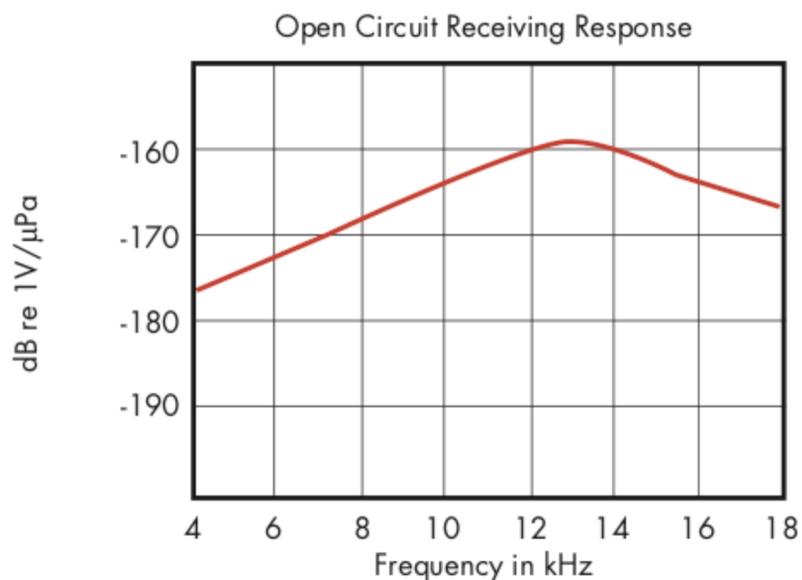
Model ITC- 5008

The **Model ITC-5008** transducer is a direct replacement for the hull mounted UQN-1 type of depth sounder transducer for surface-ship applications. A broad, low frequency (12kHz) beamwidth is provided by one array of prestressed lead zirconate titanate elements. Exposed metal is a corrosion resistant nickel-aluminum bronze.



**Specifications (Nominal)**

|  |                        |
|--|------------------------|
| <b>Resonance Frequency <math>f_r</math></b>  | 12 kHz                 |
| <b>Depth</b>                                 | 100 meters             |
| <b>Envelope Dimensions (in.)</b>             | 16D x 8.9H             |
| <b>TVR at <math>f_r</math></b>               | 163 dB// $\mu$ Pa/V@1m |
| <b>Beam Width (-3dB) at <math>f_r</math></b> | 30 deg                 |
| <b>Beam Type</b>                             | Conical                |
| <b>Input Power</b>                           | 2000 watts             |



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