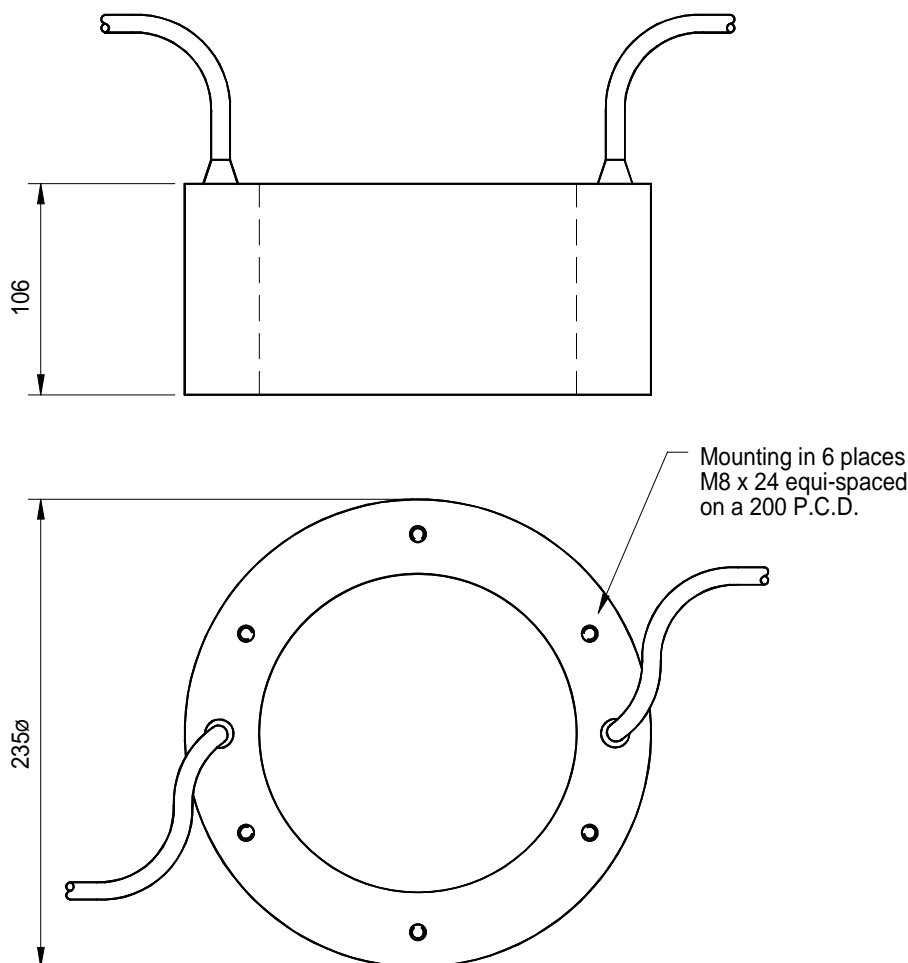


- 3 KHZ FREE FLOODED RING
- BROADBAND
- HIGH POWER
- OMNI-DIRECTIONAL BEAM PATTERN
- UNLIMITED DEPTH
- LONG RANGE TRANSMISSION



The TI60 is one of a new range of high power, low frequency transducers recently developed by Neptune Sonar. Based upon the standard Free Flooded Ring (FFR) concept, the transducer utilises the latest technology to achieve a highly efficient projector capable of operating down to full ocean depth.

FFR transducers can be configured to produce different beam patterns and output powers.



All dimensions in mm

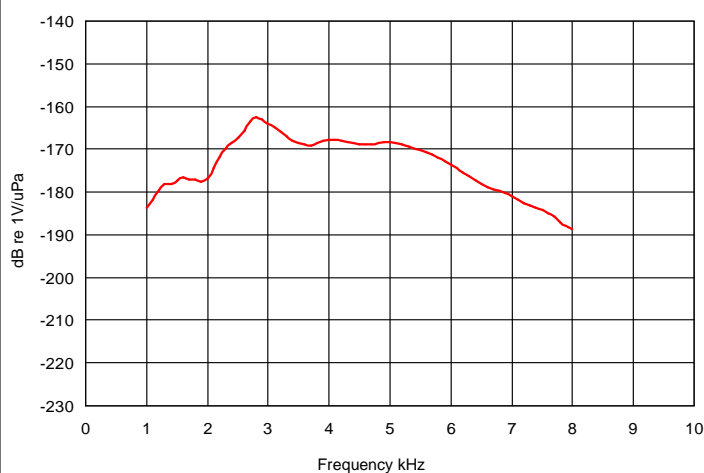
# MODEL TI60

## Low Frequency Projectors

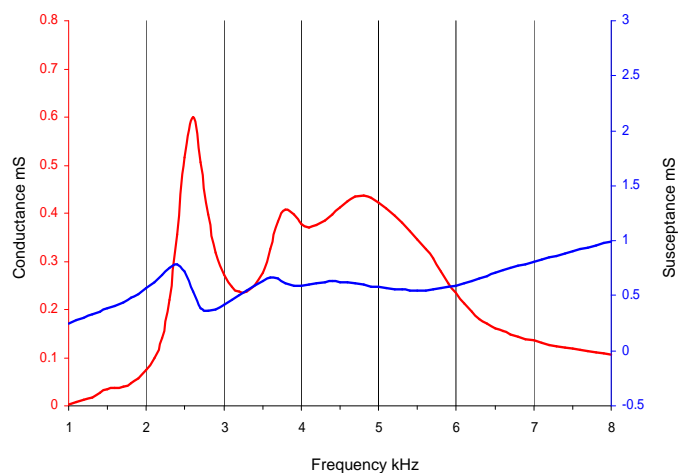
### Technical Specification

Resonant Frequency	2.5 kHz
Operating Band	2 kHz to 8 kHz
Transmit Sensitivity	See Graph
Horizontal Beam Pattern	Omni $\pm 2$ dB up to 6 kHz
Vertical Beam Pattern	Toroidal (See Graphs)
Input Power Max	2000 Watts @ 10% Duty Cycle
Operating Depth	Unlimited
Cable Length	3 Metres (Additional lengths supplied to order)
Cable Type	Polyurathane Ø6mm Single Conductors
Storage Temperature	-40 to +80 °C
Operating Temperature	-5 to +70 °C

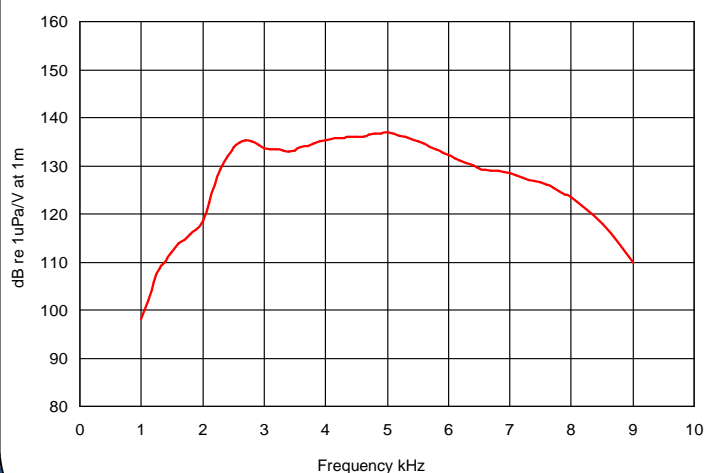
Receive Graph



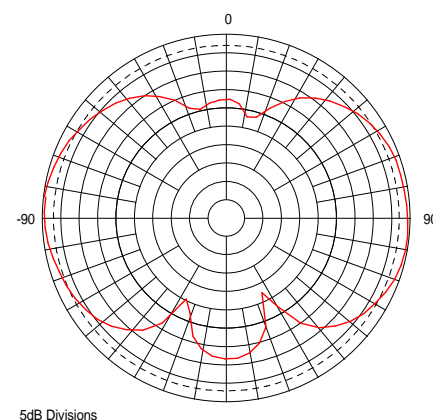
Admittance Plot



Transmit Graph



Beam Pattern Vertical at 3 kHz



Data illustrated is taken from actual in-water measurements