

# MODEL D/17/BB

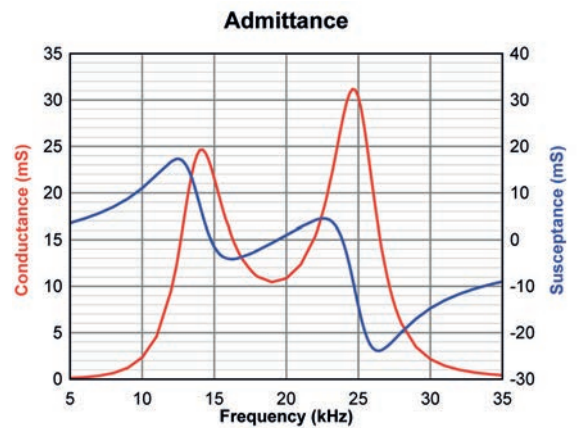
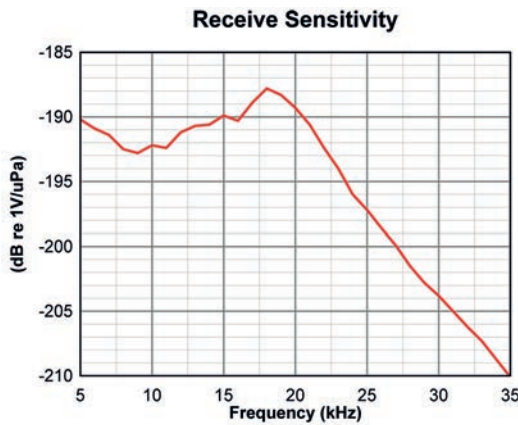


- NEAR OCTAVE BANDWIDTH
- OMNI-DIRECTIONAL RESPONSE
- EFFICIENT TRANSMITTER
- HIGH POWER PROJECTOR
- DEEP WATER CAPABILITY

The D/17/BB is a highly efficient omni-directional transducer with a 3dB bandwidth from 12 kHz to 27 kHz. The D/17/BB transducer is ideally suited for use in broadband noise systems, long-range transponder and voice/ data communications.

The robust construction enables the transducer to operate in extreme underwater environments.

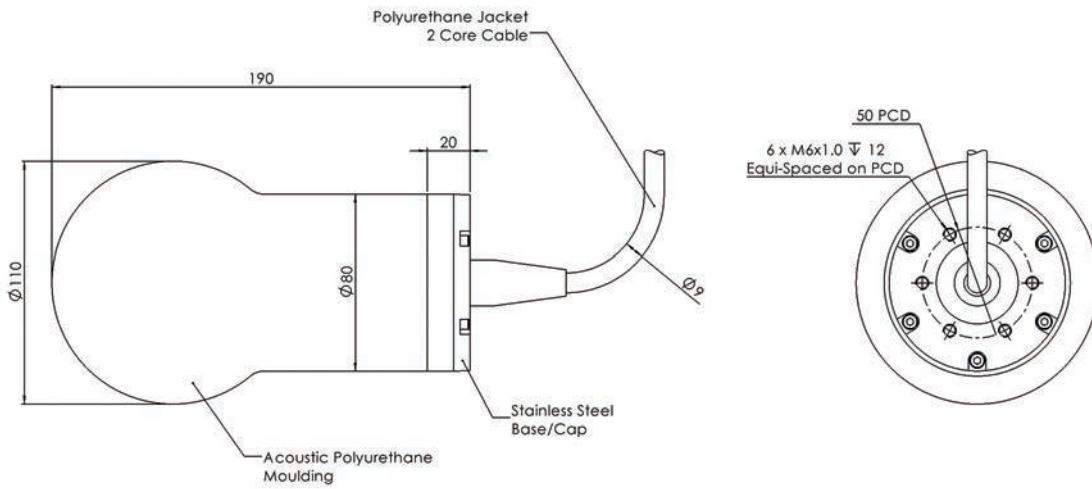
The D/17/BB is available with or without acoustic calibration, traceable to National Standards.



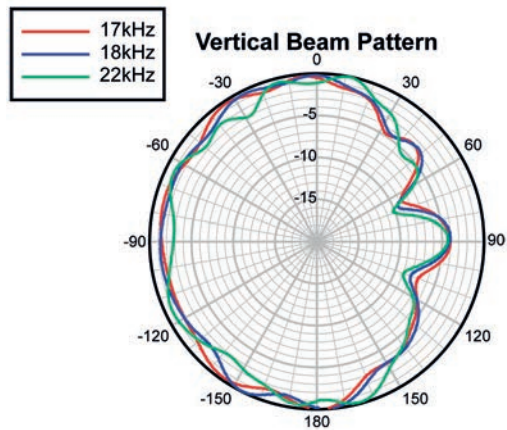
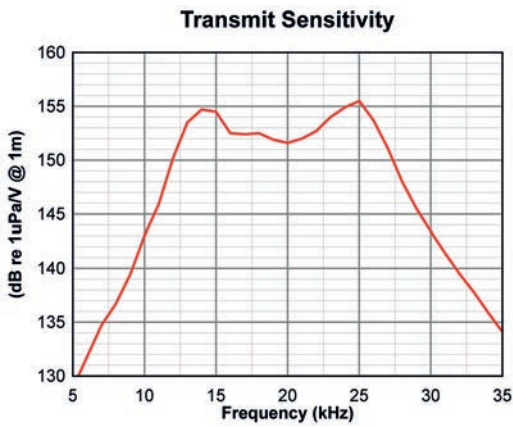
## TECHNICAL SPECIFICATION

Resonant Frequency (Nominal)	14 / 25 kHz
Useful Operating Band	12 kHz to 27 kHz
Beam Pattern (Horizontal)	Omni ± 2 dB
Beam Pattern (Vertical)	Hemispherical (See Graph)
Receive Sensitivity	-188 dB re 1V/μPa
Transmit Sensitivity	155 dB re 1μPa/V @ 1m
Transmit Voltage (Abs. Max)	300 Vrms
Transmit Voltage / Duty Cycle (Max)	300 Vrms at 10% 80 Vrms at 100%

# MODEL D/17/BB



All dimensions in mm



## MECHANICAL SPECIFICATION

Operating Depth	2000m Standard (May require an export licence)
Weight Air / Water (with 10m cable)	3.4 kg / 1.6 kg
Operating Temperature	-5 to +40 °C
Storage Temperature	-40 to +80 °C
Cable Type	Ø9mm Polyurethane Jacket, Screened Twisted Pair
Cable Length	10m Standard (Additional lengths supplied to order)
Connector	Not fitted as standard (Optional BNC or Customer Specific)