

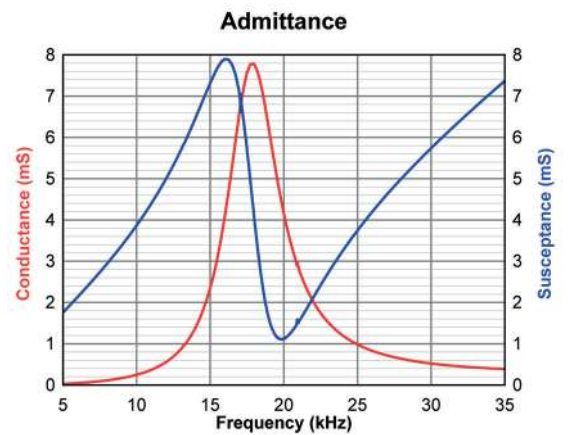
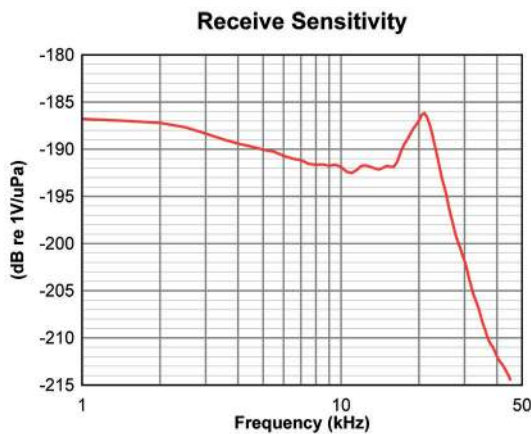
# MODEL D/17



- **OMNI-DIRECTIONAL RESPONSE**
- **EFFICIENT TRANSMITTER**
- **BROADBAND OPERATION**
- **HIGH POWER PROJECTOR**
- **DEEP WATER CAPABILITY**

The D/17 spherical transducer is a versatile design providing an omni-directional transmit and receive beam pattern. With a large operating bandwidth and capable of achieving source levels of 201 dB when operated below 10m water depth. It is particularly suitable as a high-power noise source or communications transducer.

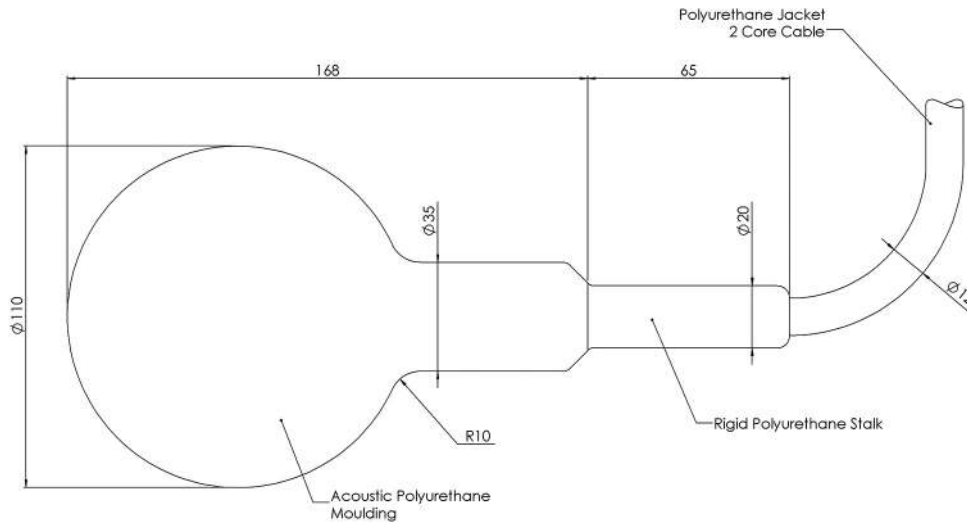
The D/17 is available with or without acoustic calibration which is traceable to National Standards.



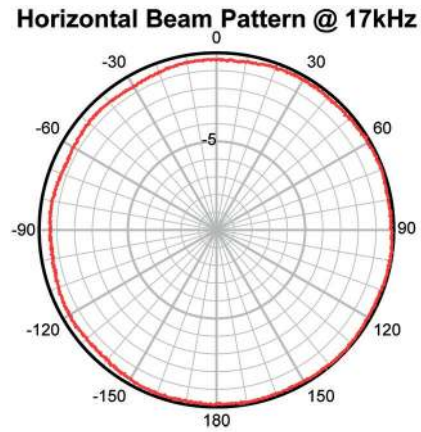
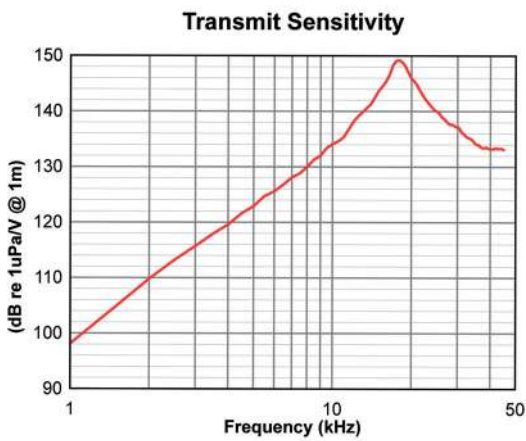
## TECHNICAL SPECIFICATION

Resonant Frequency (Nominal)	17 kHz
Beam Pattern	Omni ± 2 dB up to 30 kHz
Receive Sensitivity	-187 dB re 1V/μPa
Transmit Sensitivity	148 dB re 1μPa/V @ 1m
Capacitance at 1 kHz (with 10m cable)	54,000 pF
Transmit Voltage (Max)	600 Vrms
Transmit Voltage / Duty Cycle (Max)	600 Vrms at 10% 190 Vrms at 100%

# MODEL D/17



All dimensions in mm



## MECHANICAL SPECIFICATION

Operating Depth	2000m Standard (Optional 4000m – both may require an export license)
Weight Air / Water (with 10m cable)	2.6 kg / 0.7 kg
Operating Temperature	-5 to +40 °C
Storage Temperature	-40 to +80 °C
Cable Type	Ø12mm Polyurethane Jacket, Screened Twisted Pair
Cable Length	10 metres standard (Additional lengths supplied to order)
Connector	Not fitted as standard (Optional BNC or Customer Specific)