

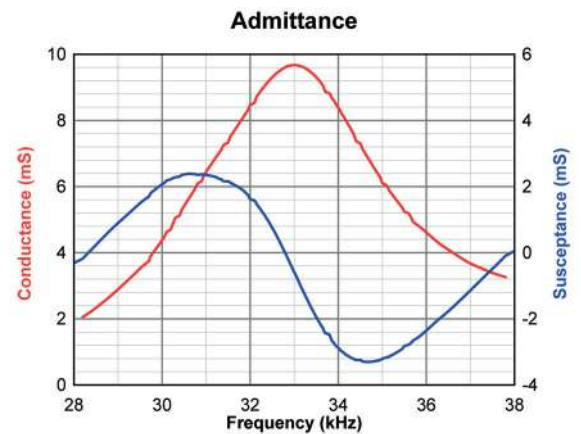
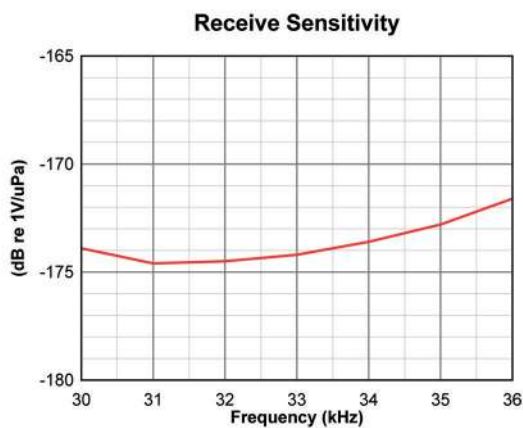
MODEL 320 SERIES



- ECHO SOUNDER
- FISHING, NAVIGATION & SURVEYING
- 6 FREQUENCY OPTIONS
- HULL OR OVER-SIDE MOUNTING
- LOW COST

The 320 SERIES continues the company's successful policy of providing a range of frequencies in the same transducer shape. Compatible with a wide range of echo-sounders the piston elements are configured to achieve optimum echo-sounder performance. The over-moulded polyurethane housing provides a mechanically robust, corrosion free transducer for hull or over-side mounting, offering maximum flexibility at minimum cost.

The 320 SERIES is available with or without acoustic calibration which is traceable to National Standards.

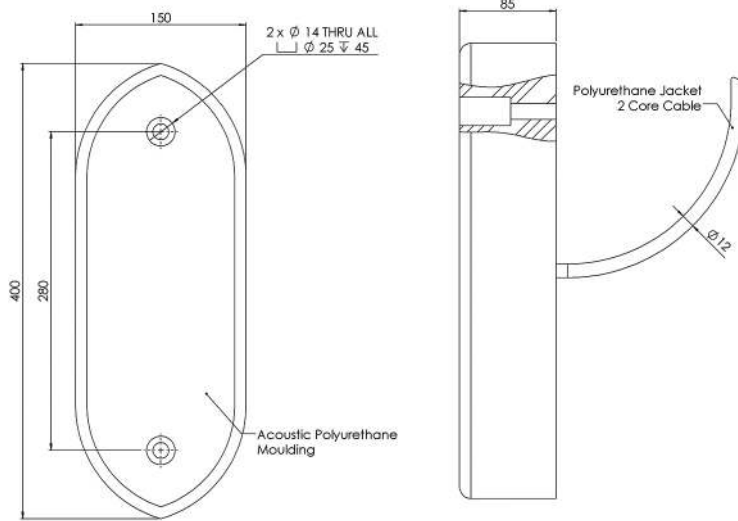


ACOUSTIC SPECIFICATION

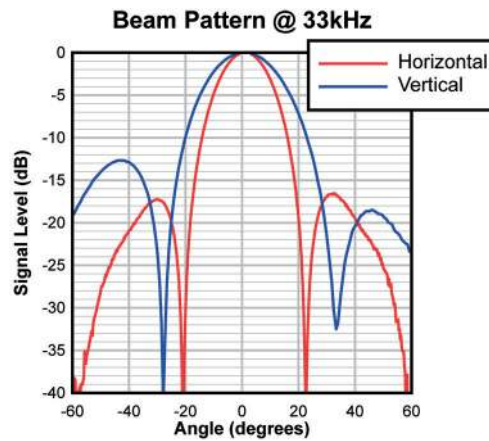
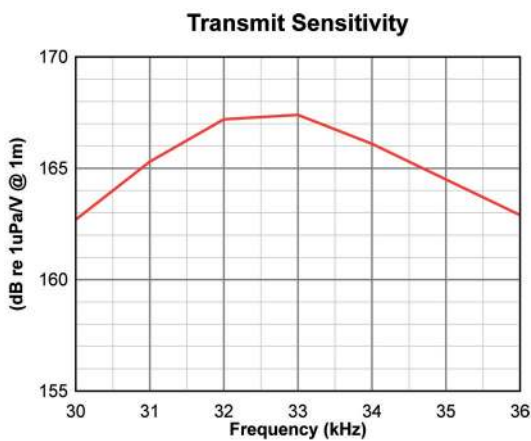
Frequency Options	24	28	30	33	38	50	kHz
Beam Angle (-3dB)	19x34	16x30	15x27	14x25	12x22	16x16	Degrees Conical
Transmit Sensitivity	166	167	167	167	165	170	dB re 1μPa/V @ 1m
Receive Sensitivity	-173	-173	-175	-175	-176	-178	dB re 1V/μPa
Transmit Voltage / Duty Cycle (Max)	300	300	325	325	325	300	Vrms at 10%
Bandwidth	2.5	2.8	3.0	3.5	3.5	6.0	kHz
Nominal Impedance	75	75	100	100	100	75	Ohms

Transducer impedance can be adjusted to suit customers specification

MODEL 320 SERIES



All dimensions in mm



MECHANICAL SPECIFICATION

Operating Depth	300m Standard
Weight Air/Water including 10m cable	6.3 kg / 1.2 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 Customer Specific)