

MODEL 172 SERIES

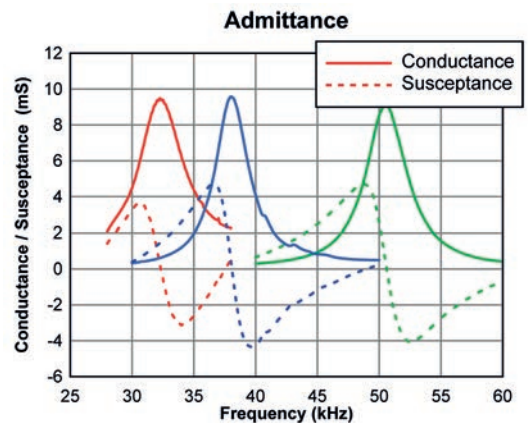
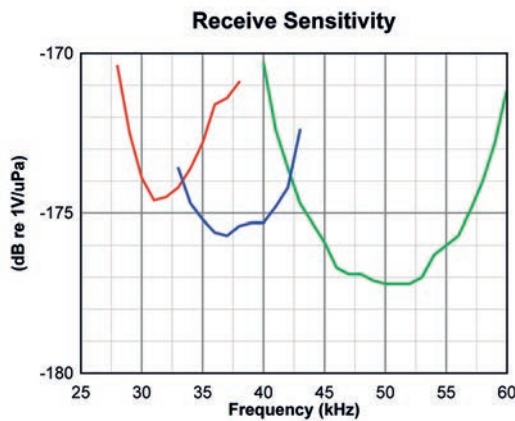


- **MULTIPLE FREQUENCY OPTIONS**
- **ROBUST NYLON HOUSING**
- **FISHING, NAVIGATION & SURVEYING**
- **HULL OR OVER-SIDE MOUNTING**
- **LOW SIDE-LOBES**

Available in multiple frequencies, the 172 SERIES is designed to be compatible with a wide range of vertical depth finding echosounders. With seven tonpilz elements and internal matching transformer the 172 SERIES offers a high performance at a low cost. The high impact strength nylon body provides a mechanically robust, corrosion free transducer suitable for tank, hull or over-side mounting.

acoustic calibration, traceable to National Standards.

The 172 SERIES is available with or without

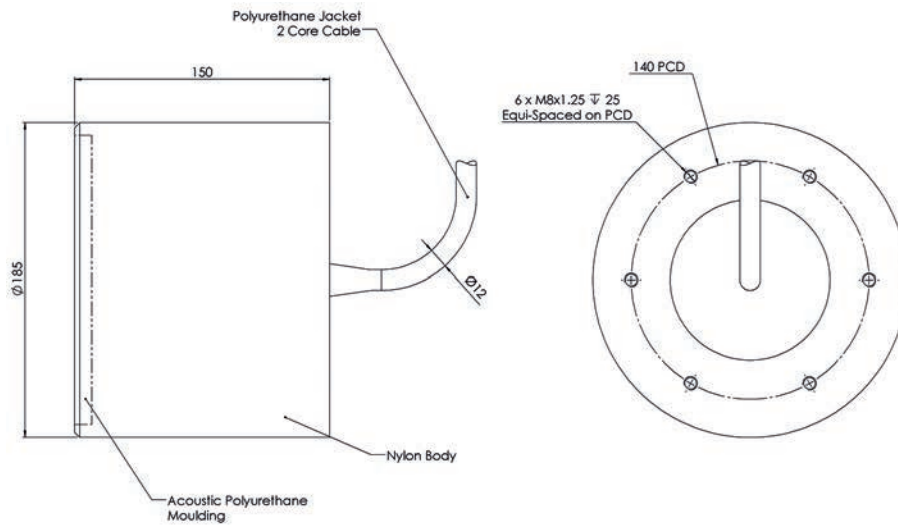


TECHNICAL SPECIFICATION

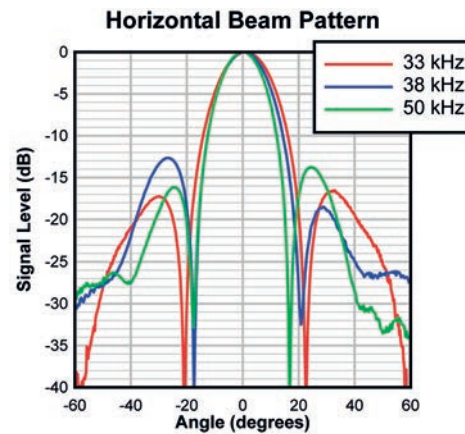
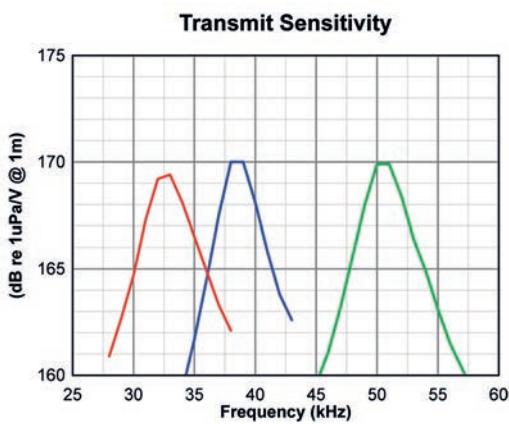
Frequency Options	24	28	30	33	38	50	kHz
Beam Angle (-3dB)	23	19	18	16.5	14	11	Degrees Conical
Transmit Sensitivity	167	168	168	168	166	171	dB re 1μPa/V @ 1m
Receive Sensitivity	-173	-173	-175	-175	-176	-178	dB re 1V/μPa
Transmit Voltage / Duty Cycle (Abs. Max)	300	300	325	325	325	300	Vrms at 10%
Bandwidth	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 172 SERIES



All dimensions in mm



MECHANICAL SPECIFICATION

Operating Depth	300m
Weight Air/Water including 10m cable	7.3 kg / 2.1 kg
Operating Temperature	-5 to +40 °C
Storage Temperature	-40 to +80 °C
Cable Type	Ø12mm Polyurethane Jacket, Screened Twisted Pair
Cable Length	10m Standard (Additional lengths supplied to order)
Connector	Not fitted as standard (Optional Customer Specific)