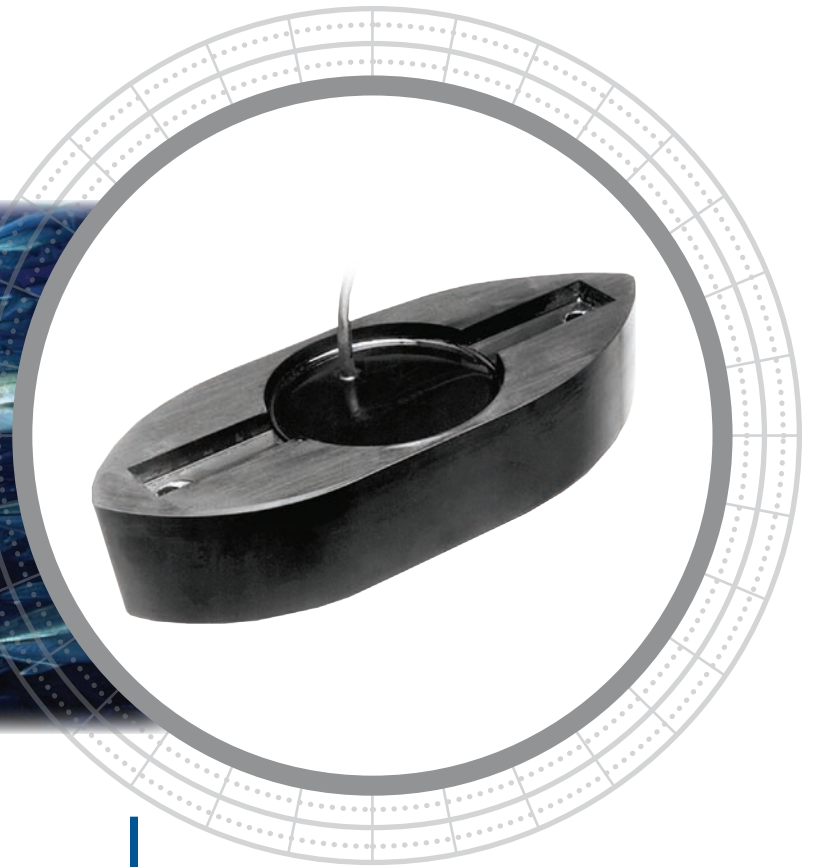


M172



Versatile

The versatile M172 uses a custom base for external mounting, or it can be mounted in a tank. This compact housing features two medium to high-frequency elements for unique applications. The low-ringing (lq) versions allow fishermen or surveyors to see bottom structure more clearly and fishermen to distinguish target fish from the bottom.

Options

- Available as special order with 75 kHz-D array
- Impedance to customer specifications using matching transformer

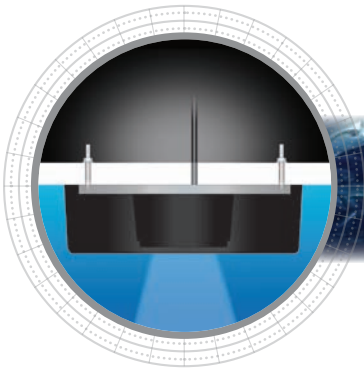
External-Mount 1.5 - 2 kW

Applications

- Commercial fishing vessels
- Survey depths to 300 m (1,000')

Features

- 125 kHz and 200 kHz feature narrow beamwidths, high sensitivity, and low sidelobes for exceptional, bottom detail
- Fairing vertically orients sound beams for stronger return echoes resulting in optimal, sonar performance
- Stuffing tubes are available to form a watertight conduit for cable routing and are available in a variety of materials to match all hull types
- Fairing is easy-to-cut and will not swell or rot
- Can be mounted as an in-hull in a fiberglass hull
- All mounting hardware included
- Seamless, SEALCAST™, urethane housing for long life underwater



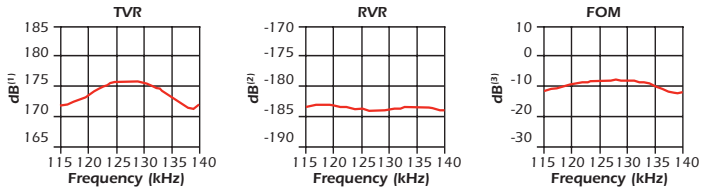
Technical Information

Frequencies	Configuration	Beamwidth (@-3 dB)	RMS Power (W)	FOM (dB)	Q	Series Impedance (R-jX)
125 kHz-A		7°	1.5 kW	-11	29	180-j120(Ω)
125 kHz-A1q		7°	1.5 kW	-9	7	60-j0(Ω)
200 kHz-S		4°	2 kW	-7	20	80-j40(Ω)
200 kHz-S1q		5°	2 kW	-5	6	60-j0(Ω)

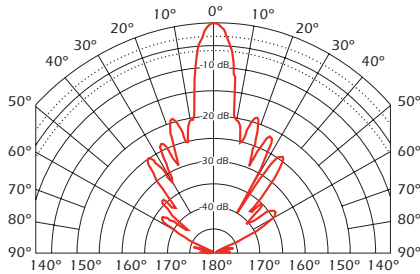
Technical Data—125 kHz-A1q

TVR in dB re 1μPa/Volt at 1 m

RVR in dB re 1 Volt/μPa



Directivity Pattern—125 kHz-A1q



SPECIFICATIONS

Weight: 4.4 kg (9.8 lb)

Acoustic Window: Urethane

Housing Material: Cast urethane

Cable Type: C37

Shielded twisted pair (2-18 AWG) with braided shield, black neoprene jacket, 9 mm (3/8") diameter

DIMENSIONS

