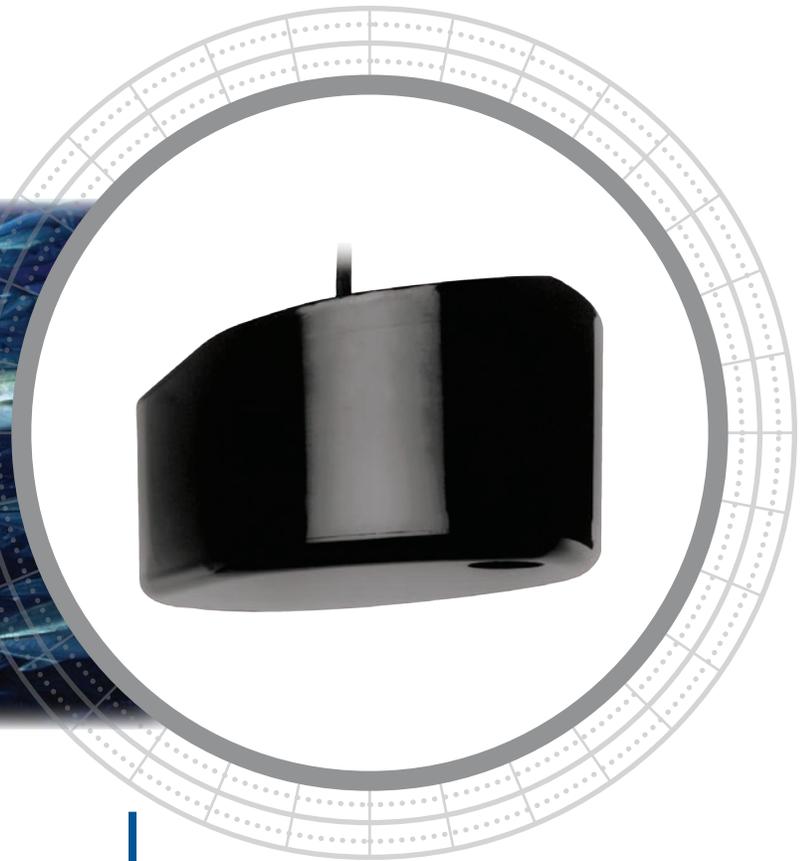


M42



Clearly See Bottom Structure

The M42 is a large, “blister-mount” housing which accommodates 24 ceramics resonating at 38 kHz. The narrow-beam, low-ringing, 38 kHz array allows fisherman to see bottom structure clearly and to easily discriminate between bottom structure and target fish.

Options

- Impedance to customer’s specifications using matching transformer

External-Mount 2.2 kW

Applications

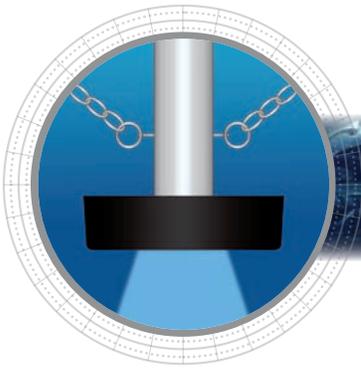
- Commercial fishing vessels

Features

- 38 kHz ceramics for incomparable, deep-water, fish detection when paired with a high-powered echosounder
- Low sidelobes provide clear, bottom detail
- Fairing vertically orients sound beam for stronger return echoes resulting in optimal sounder 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
- Can be mounted as an in-hull in a fiberglass hull for precise echosounding—even at speeds over 20 knots (23 MPH)
- Streamlined shape minimizes drag
- All mounting hardware included
- Seamless, SEALCAST™, urethane housing for long life underwater



Sensing Technology



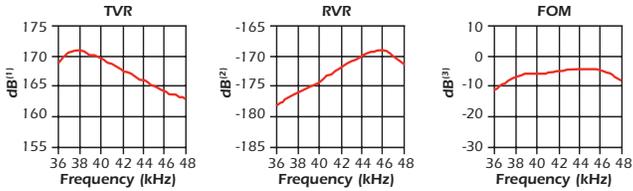
Technical Information

Frequencies	Configuration	Beamwidth (@-3 dB)	RMS Power (W)	FOM (dB)	Q	Series Impedance (R-jX)
38 kHz-E		10° x 12°	2.2 kW	-4	6	60-j0(Ω)

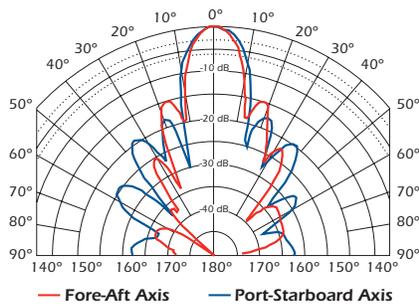
Technical Data—38 kHz-E

TVR in dB re 1μPa/Volt at 1 m

RVR in dB re 1 Volt/μPa



Directivity Pattern—38 kHz-E



SPECIFICATIONS

Weight: 13.6 kg (30 lb)

Acoustic Window: Urethane

Housing Material: Cast urethane

DIMENSIONS

