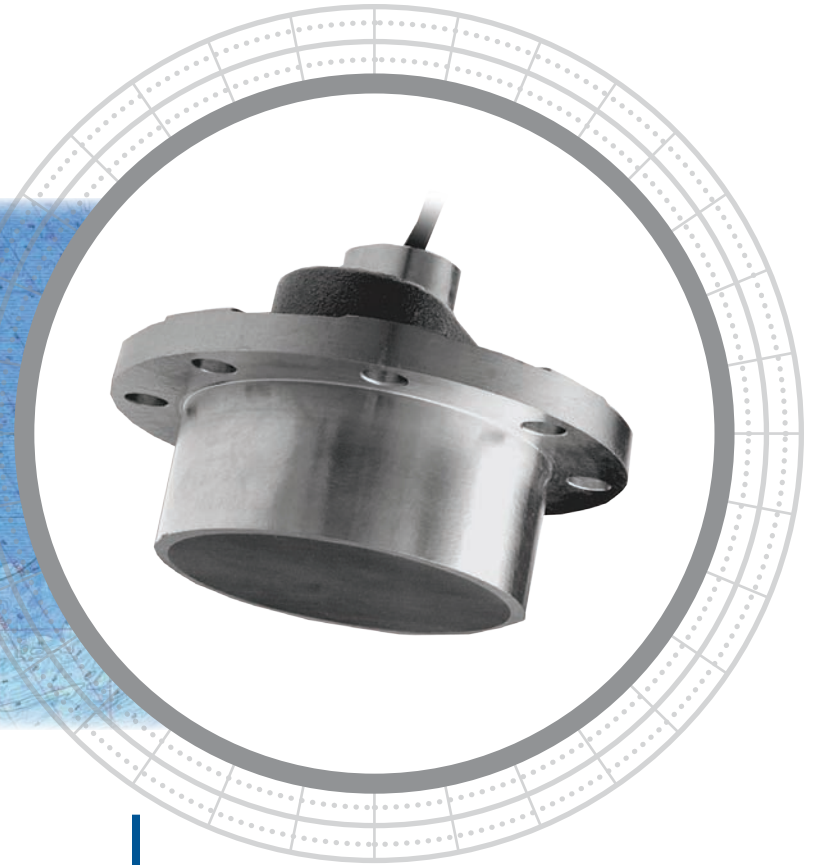


SS216



Versatile

The versatile SS216 is primarily used for navigation. It features an economical, 40 kHz array that has good, bottom detection for navigation echosounders. The high-performance, 38 kHz array features excellent performance in both shallow and deep-water for navigation applications. The high-definition, 100 kHz version has narrow beamwidth for excellent, bottom detail especially suited to survey applications.

Options

- Impedance to customer's specifications using matching transformer

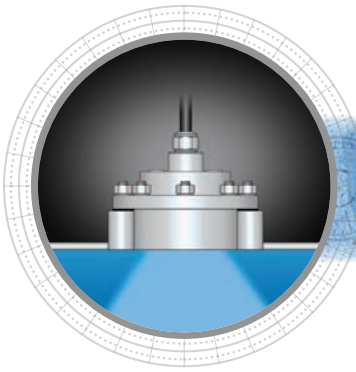
Thru-Hull Mount 1 - 1.2 kW

Applications

- Harsh environments
- Navigation and survey

Features

- 38 kHz model is designed for navigation applications
- 40 kHz model is designed with good, bottom detection for navigation echosounders
- 100 kHz model is excellent for bottom detail especially suited to survey applications
- Low impedance allows long, cable runs without excessive, transmission loss
- High-strength, stainless-steel housing



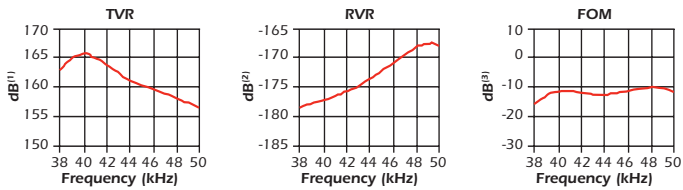
Technical Information

| Frequencies | Configuration | Beamwidth (@-3 dB) | RMS Power (W) | FOM (dB) | Q | Series Impedance [R-jX] |
|-------------|---------------|--------------------|---------------|----------|----|-------------------------|
| 38 kHz-B | | 20° | 1 kW | -13 | 7 | 150-j0[Ω] |
| 40 kHz-H | | 19° | 1.2 kW | -10 | 7 | 150-j0[Ω] |
| 100 kHz-B | | 9° | 1 kW | -10 | 10 | 130-j0[Ω] |

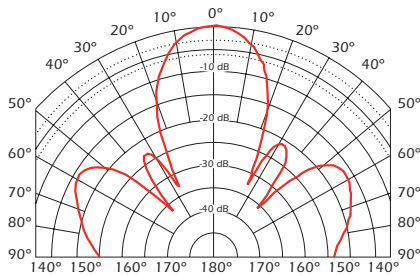
Technical Data—40 kHz-H

TVR in dB re 1μPa/Volt at 1 m

RVR in dB re 1 Volt/μPa



Directivity Pattern—40 kHz-H



SPECIFICATIONS

Weight: Varies depending on configuration (Call for weight)

Acoustic Window: Urethane

Cable Type: C-43

Shielded twisted pair (2-14 AWG) with braided shield, black neoprene jacket, 10 mm (13/32") diameter

DIMENSIONS

