M192



Narrow-Beam Sensitivity

The M192 features a ceramic-element array with a narrow beamwidth and exceptional sensitivity to provide excellent bottom detail.

Options

- Many frequencies available, such as:
- 15 kHz broadband
- 24 kHz
- 28 kHz
- 30 kHz
- 33 kHz
- 38 kHz
- 33 kHz & 200 kHz broadband
- Impedance to customer's specifications using matching transformer

Tank-Mount

Applications

- Deep and shallow-water survey
- High seas navigation

Features

- Low-ringing array provide excellent target resolution
- Seamless, SEALCAST[™], urethane housing resists cuts and abrasion and has excellent, impact resistance
- Can be adapted for tank or portable mounting





M192

Technical Information

Frequencies	Configuration	Beamwidth (@-3 dB)	RMS Power (kW)	FOM (dB)	Q	Series Impedance (R-jX)
15 kHz-E	A 🕄	50°	1 kW	-24	2	60-j0(Ω)
24 kHz-W	В	24°	1.5 kW	-11	8	60-j0(Ω)
33 kHz-D	c two c	19°	1 kW	-13	7	90-j0(Ω)
38 kHz-B	D	20°	1 kW	-11	7	60-j0(Ω)

Technical Data—33 kHz-D



Directivity Pattern-33 kHz-D



Weight*: A—8 kg (17 lb) B—8 kg (17 lb) C—7.3 kg (16 lb) D—7.3 kg (16 lb)

Acoustic Window: Urethane

Cable Type**: C-43

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

*Weights may vary depending on the cable length and configuration. **Typical cable length is 10 m (33') up to 40 m (130').

SPECIFICATIONS



Configuration	Dimension A	Dimension B		
А; В	110 mm (4.32")	34 mm (1.34″)		
C; D	90 mm (3.56″)	15 mm (0.59″)		

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