

# M192



Frequencies	Configuration	Beamwidth (@-3 dB)	RMS Power (W)	FOM (dB)	Q	Series Impedance (R-jX)
28 kHz-R	A	18°	2 kW	-10	6	60-j0(t)
28 kHz-N	B	24°	1.5 kW	-13	8	120-j0(t)
33 kHz-D	C	19°	1 kW	-13	7	90-j0(t)
38 kHz-B	D	20°	1 kW	-11	7	60-j0(t)
200 kHz-BCq Broadband	E	8°	500 W	-16	2	80-j0(t)

## SPECIFICATIONS

**Weight\*\*:** A—13 kg, B—8 kg, C—9.1 kg, D—7.3 kg, E—9.1 kg

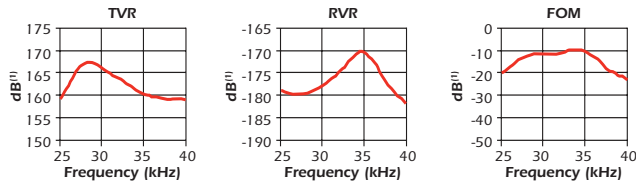
**Acoustic Window:** Urethane

**Cable Type\*\*:** C-43—Shielded twisted pair (2-14 AWG) with braided shield, black neoprene jacket, 10 mm diameter

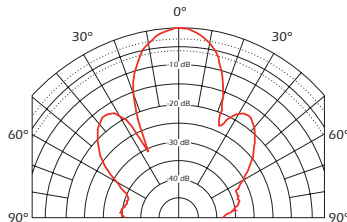
\*Weights may vary depending on the cable length and configuration.  
\*\*Typical cable length is 10 m up to 40 m.

## Technical Data—28 kHz-R

TVR in dB re 1 μPa/Volt at 1 m  
RVR in dB re 1 Volt/μPa



## Directivity Pattern—28 kHz-R



## Low-Frequency Ultrasonic Transducer

### Applications

- Long-range flow measurement

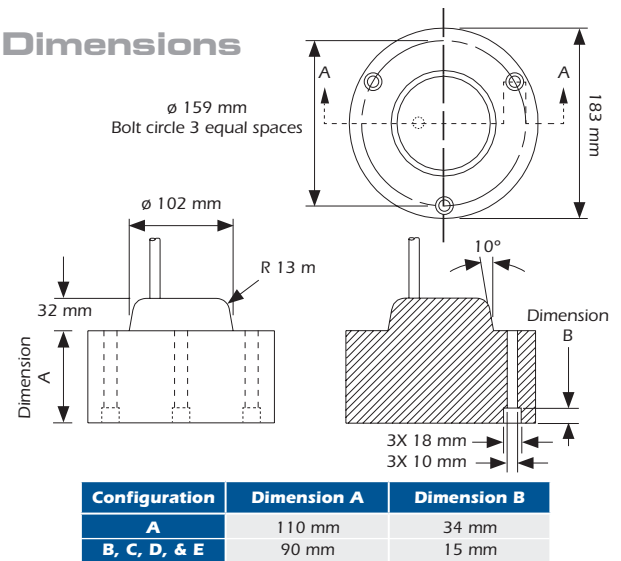
### Features

- Low-ringing array provide excellent target resolution
- Do not strike or use solvents (especially acetone) on the transducer face. Use water-base anti-fouling paint only. Do not cut transducer cable.
- Seamless, SEALCAST™, urethane housing resists cuts and abrasion and has excellent, impact resistance
- Available as either a single-frequency or dual-frequency
- Can be adapted for portable mounting

### Options

- Impedance to customer's specifications using matching transformer

### Dimensions



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M192\_rG 02/16/11

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