P8
P208

Smallest Depth Model
The plastic P8 and P208 are our lowest cost and smallest retractable depth models. As part of our Shorty™ Series, they are designed for boats with low headroom. The low-profile P8 model is nearly flush and minimizes drag with only 5 mm (2/10") extending outside of the hull. The P208 mounts flush, eliminating turbulence for exceptional high-speed performance.

Thru-Hull Retractable Shorty™ Series Depth Sensors

Applications
• P8 housing—cruising sailboats and planing powerboats
• P208 housing—racing sailboats and high-speed powerboats

Features
• Depth only
• Shorty series low-profile is designed for fiberglass and aluminum hulls with low headroom
• Total height is only 76 mm (3.00")
• Right angle cable exit offers low headroom and protection when transducer is stepped on
• Housings are ABYC H-27 compliant
• Self-jacking transducer insert is easily removed from housing for quick service or storage
• Included rubber washer allows tightening of the hull nut to irregular hull surfaces
• P208 housing installation requires special cutter
• Blanking plug is supplied with each unit
• Available in a plastic housing only

www.airmar.com
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### Technical Information

#### 200 kHz-A / 200 kHz-BB / 235 kHz-G

<table>
<thead>
<tr>
<th>Number of Elements and Configuration</th>
<th>13°</th>
<th>14°</th>
<th>14°</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beamwidth (@-3 dB)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RMS Power (W)</td>
<td>300 W</td>
<td>250 W</td>
<td>200 W</td>
</tr>
<tr>
<td>TVR</td>
<td>159 dB</td>
<td>156 dB</td>
<td>159 dB</td>
</tr>
<tr>
<td>RVR</td>
<td>-188 dB</td>
<td>-186 dB</td>
<td>-192 dB</td>
</tr>
<tr>
<td>FOM</td>
<td>-29</td>
<td>-31</td>
<td>-33</td>
</tr>
<tr>
<td>Q</td>
<td>26</td>
<td>10</td>
<td>23</td>
</tr>
<tr>
<td>Impedance</td>
<td>970 Ω</td>
<td>1,580 Ω</td>
<td>860 Ω</td>
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</tbody>
</table>

#### MAXIMUM DEPTH RANGE

<table>
<thead>
<tr>
<th>200 kHz-A</th>
<th>200 kHz-BB</th>
<th>235 kHz-G</th>
</tr>
</thead>
<tbody>
<tr>
<td>118 m to 176 m</td>
<td>118 m to 147 m</td>
<td>118 m to 1,147 m</td>
</tr>
<tr>
<td>(400’ to 600’)</td>
<td>(400’ to 500’)</td>
<td>(400’ to 500’)</td>
</tr>
</tbody>
</table>

#### SPECIFICATIONS

- **Weight:** 0.6 kg (1.3 lb)
- **Acoustic Window:** Layered plastic epoxy (LPE)
- **Hull Deadrise:** 0° to 12° optimum and 20° maximum
- **Hole Diameter:** 51 mm (2")
- **Sensor Cable Length:** 10 m (33’) standard

### Options

- Temperature sensor

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