P19, B619

Low-Profile (Baseline Model)
- Ideal transducers for low-power fishfinders
- 350 Watts
- Depth and Temperature
- Thru-Hull, Plastic Housing
- 200 kHz
- Q—35
- 12 m (39’) cable with OEM connector
- Maximum Depth Range: Up to 206 m (700’)
- P19 is available in 0°, 12°, and 20° tilts
- Hull Deadrise Angle: —0° to 7°—0° tilt
—8° to 15°—12° tilt
—16° to 24°—20° tilt
- Boat Size: Up to 9 m (30’)

P319, B117

Low-Profile
- Industry standard for low-profile transducers
- 600 Watts
- Depth and Temperature
- Thru-Hull, Plastic or Bronze Housings
- 50/200 kHz
- Q at 50 kHz—28
Q at 200 kHz—31
- 12 m (39’) cable with OEM connector
- Beamwidth: 50 kHz—45°
200 kHz—12°
- Maximum Depth Range: 50 kHz—235 m to 353 m (800’ to 1,200’)
200 kHz—118 m to 206 m (400’ to 700’)
- Hull Deadrise Angle: 0° to 7°
- Boat Size: Up to 9 m (30’)

B45

Thru-Hull with Fairing
- Good sensitivity in a compact housing
- 600 Watts
- Depth and Temperature
- Thru-Hull, Bronze Housing
- 50/200 kHz
- Q at 50 kHz—28
Q at 200 kHz—31
- 12 m (39’) cable with OEM connector
- Beamwidth: 50 kHz—45°
200 kHz—12°
- Maximum Depth Range: 50 kHz—235 m to 353 m (800’ to 1,200’)
200 kHz—118 m to 206 m (400’ to 700’)
- Hull Deadrise Angle: 0° to 7°
- Boat Size: Up to 9 m (30’)

B744V

TRIDUCER® Multisensor
- Three sensors in one
- 600 Watts
- Depth, Speed, and Temperature
- Thru-Hull, Bronze Housing
- 50/200 kHz
- Q at 50 kHz—28
Q at 200 kHz—31
- 12 m (39’) cable with OEM connector
- Beamwidth: 50 kHz—45°
200 kHz—12°
- Maximum Depth Range: 50 kHz—235 m to 353 m (800’ to 1,200’)
200 kHz—118 m to 206 m (400’ to 700’)
- Hull Deadrise Angle: 0° to 26°
- Boat Size: Up to 9 m (30’)

600 W Thru-Hull Transducers
- Designed for use on all fiberglass and wood boat types—power and sail
- Low-profile models leave no protrusions below your hull and allows for excellent performance at cruising speeds
- Thru-hull stem models include a High-Performance Fairing:
  — Protects the transducer
  — Orient the transducer beam vertically
  — Streamlined shape delivers excellent performance at cruising speeds

AIRMAR®
TECHNOLOGY CORPORATION
Sensing Technology

www.airmar.com
**50/200 kHz-A**

<table>
<thead>
<tr>
<th>Depth</th>
<th>200 kHz</th>
<th>50 kHz</th>
<th>20 kHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 m (30')</td>
<td>8 m (27')</td>
<td>2 m (6')</td>
<td></td>
</tr>
<tr>
<td>30 m (100')</td>
<td>25 m (83')</td>
<td>6 m (21')</td>
<td></td>
</tr>
<tr>
<td>122 m (400')</td>
<td>101 m (331')</td>
<td>26 m (84')</td>
<td></td>
</tr>
<tr>
<td>305 m (1,000')</td>
<td>252 m (828')</td>
<td>64 m (210')</td>
<td></td>
</tr>
</tbody>
</table>

**Beam Diameter vs Depth**

- **200 kHz**
  - 15 m (50') 3 m (10')
  - 61 m (200') 12 m (39')
  - 122 m (400') 23 m (77')
  - 213 m (700') 41 m (135')

- **50 kHz**
  - 9 m (30') 8 m (27')
  - 30 m (100') 25 m (83')
  - 122 m (400') 101 m (331')
  - 305 m (1,000') 252 m (828')

- **20 kHz**
  - 2 m (6')
  - 6 m (21')
  - 26 m (84')
  - 64 m (210')

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**P19, B619**

**Number of Elements and Configuration**

- Beamwidth (-3 dB): 11°
- RMS Power (W): 350 W
- TVR: 166 dB
- RVR: -185 dB
- FOM: -20 dB
- Q: 35
- Impedance: 200 Ω

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**B744V**

**Number of Elements and Configuration**

- Beamwidth (-3 dB): 11°
- RMS Power (W): 600 W
- TVR: 155 dB
- RVR: -174 dB
- FOM: -31 dB
- Q: 28
- Impedance: 200 Ω

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**ISO Certified**

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600W_Thru_Hull_PC_rJ 01/12/11

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