P319 B117



Minimize Your Drag

The P319 and B117 feature Airmar's 50/200 kHz, dual-frequency, single-ceramic element in a low-profile housing. Plastic and bronze models are available to accommodate all hull types. The nearly flush design minimizes drag with only 5 mm (2/10") extending outside the hull.



Plastic housing—P319

TECHNOLOGY CORPORATION



Thru-Hull Low-Profile 600 W

Applications

- Planing hull powerboats
- Sailboats

Features

- Industry standard for low-profile transducers
- Depth only or Depth and temperature
- Good target detail in shallow-water at 200 kHz and good deep-water bottom tracking at 50 kHz
- Right angle cable exit offers low headroom and protection when transducer is stepped on
- Included rubber washer allows tightening of the hull nut to irregular hull surfaces
- Housings are ABYC H-27 compliant
- Optional temperature sensor
- Plastic or bronze housings available
- Boat Size: 8 m (25') and up

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Technical Information

50/200 kHz-A			
Number of Elements and Configuration	\bigcirc		
Beamwidth (@-3 dB)	45°	12°	
RMS Power (W)	600 W	600 W	
TVR	154 dB	164 dB	
RVR	-179 dB	-185 dB	
FOM	-33 dB	-21 dB	
٥	28	30	
Impedance	200 Ω	375 Ω	

MAXIMUM DEPTH RANGE			
50 kHz	200 kHz		
235 m to 353 m	118 m to 206 m		
(800' to 1,200')	(400′ to 700′)		

BEAM DIAMETER VS DEPTH			
Depth	50 kHz	200 kHz	
9 m (30′)	8 m (25′)	2 m (6′)	
30 m (100′)	25 m (83′)	6 m (21′)	
122 m (400′)	101 m (331′)	26 m (84′)	
305 m (1,000′)	252 m (828′)	64 m (210′)	

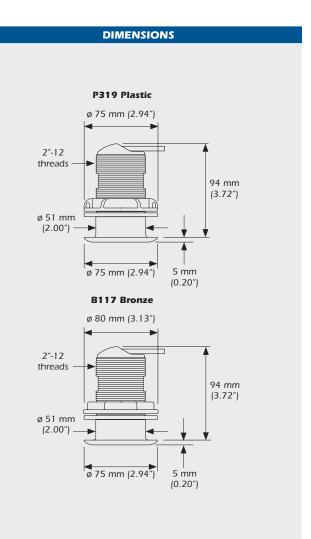
SPECIFICATIONS

Weight: Plastic—0.6 kg (1.3 lb) Bronze—0.9 kg (2.0 lb)

Hull Deadrise: Up to 8°

Acoustic Window: Urethane

Hole Diameter: 51 mm (2")







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