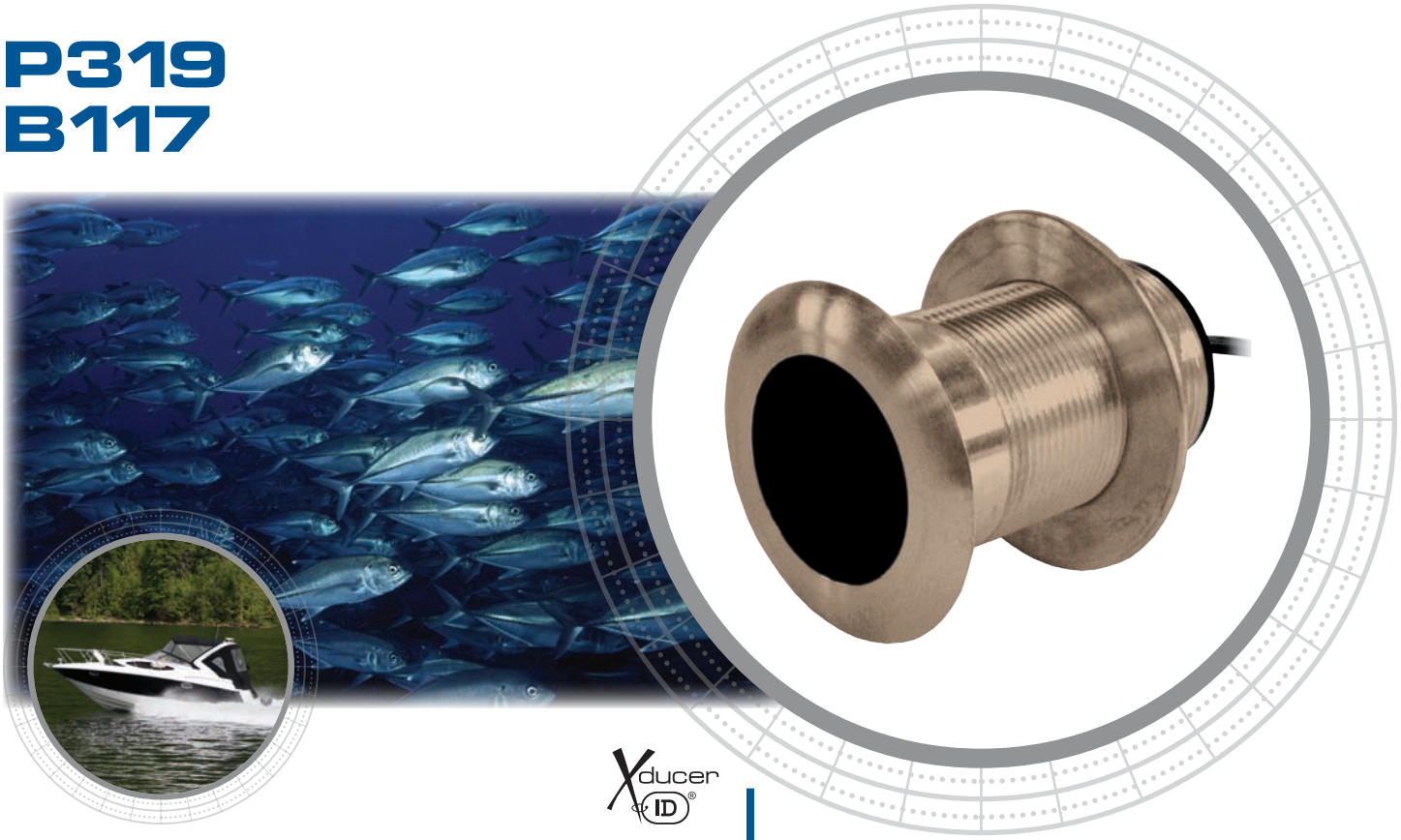
P319
B117



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

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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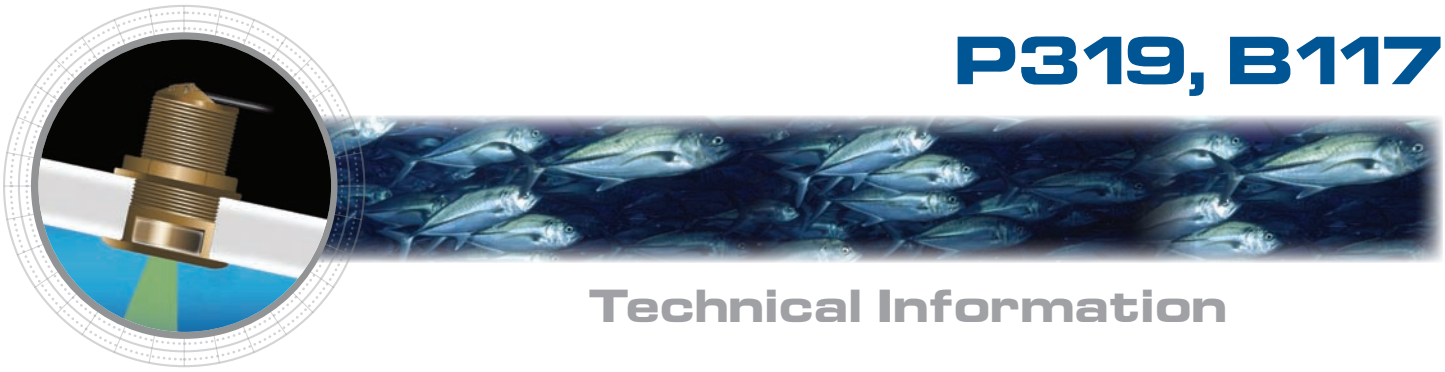


P319, B117

Technical Information

50/200 kHz-A		
Number of Elements and Configuration	◯	
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
Q	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)

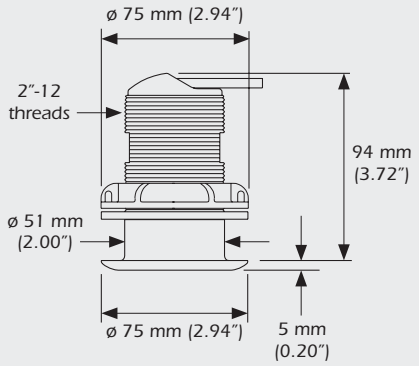
Hull Deadrise: Up to 8°

Acoustic Window: Urethane

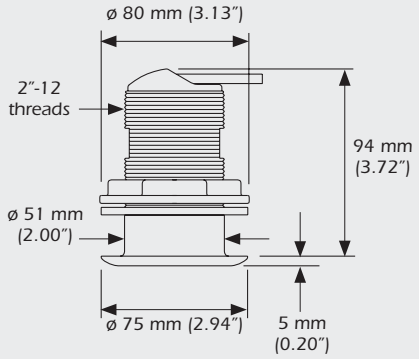
Hole Diameter: 51 mm (2″)

DIMENSIONS

P319 Plastic



B117 Bronze



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