

Compact and Budget-Minded!

The B45 is Airmar's smallest, bronze, thru-hull stem, offering quality design at an economical price. The classic housing is streamlined to deflect aerated water from the transducer's face, providing solid echo returns.

Quality Performance Results

Get the most out of a transducer installation. See defined return echoes and clean crisp images. Utilizing Airmar's High-Performance Fairing will boost echosounder performance and provide optimal results for all installations.

Thru-Hull

Features

- Recommended for planing-hull powerboats and cruising sailboats up to 9 m (30')
- Good sensitivity in a compact housing
- Fast-response water-temperature sensor provides ±0.2°C (±0.1°F) accuracy







50/200 kHz-A					
Number of Elements and Configuration		\supset			
Beamwidth (@-3 dB)	45°	12°			
RMS Power (W)	600 W	600 W			
TVR	155 dB	164 dB			
RVR	-174 dB	-184 dB			
FOM	-31 dB	-21 dB			
٥	28	31			
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′)			

TRANSDUCER COMPARISON				
Model	Power	Rating	Performance Increase	
B45 B744V B744VL	600 W	Good	Benchmark model for comparison	
B258	1 kW	Better	25 times more sensitive at 50 kHz 16 times more sensitive at 200 kHz	
B260 SS260	1 kW	Best	50 times more sensitive at 50 kHz 13 times more sensitive at 200 kHz	
R99	2 kW	Superb	200 times more sensitive at 50 kHz 32 times more sensitive at 200 kHz	
R209 R309	3 kW	Ultimate	400 times more sensitive at 50 kHz 32 times more sensitive at 200 kHz	

Due to the wide beam of the SS270W, it has been omitted from the table.

SPECIFICATIONS

Weight: 2.5 kg (5.5 lb)

Hull Deadrise: Up to 26° with fairing

Acoustic Window: Urethane







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