# B744V B744VL

## **TRIDUCER®** Multisensor

The B744V TRIDUCER Multisensor provides you with depth, speed, and temperature in one thru-hull housing. This unit is ideal for all 600 W fishfinders and requires only a single hole in the hull.

## **Continuing Innovation**

The B744V's patented valve assembly prevents water from rushing into the hull when the insert is removed for cleaning or storage. The innovative housing design allows the TRIDUCER Multisensor to be fully recessed into its custom High-Performance Fairing. The end result is a streamlined installation. At speeds above 30 knots (34 MPH), the B744V will produce clear images and solid bottom tracking!



B744VL



**600 W** TRIDUCER® Multisensor Thru-Hull Transducer

## **Fishing Applications**

- Inshore or coastal fishing in shallow to medium depths
- Slow trolling, structure fishing and drifting
- Deep-water lake fishing

#### Features

- Depth, speed, and temperature in one housing
- Greatly improved high-speed performance at both 50 kHz and 200 kHz when installed with a high-performance fairing
- Patented self-closing sea valve reduces water flow into the hull when paddlewheel insert is removed
- Speed Operating Range:
  1 knot to 45 knots (1 MPH to 52 MPH)
- Fins on sides of paddlewheel cavity provide improved accuracy in cross flow conditions
- The extra length of the B744VL allows mounting into thicker and/or high deadrise hulls
- Boat Size: Up to 9 m (30')

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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	-21		
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	

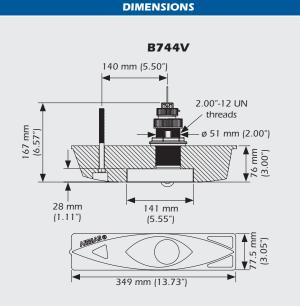
Due to the wide beam of the SS270W, it has been omitted from the table.

#### SPECIFICATIONS

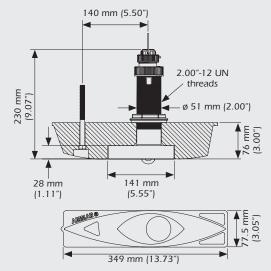
Weight: 2.5 kg (5.5 lb)

Hull Deadrise: Up to 24° with fairing

Acoustic Window: Urethane



B744VL



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