

Model 572

50kHz to 200kHz

The Model 572 is a specially designed thru-hull transducer. Normally used on large vessels, such as barges, the 572 can be configured with large 2” high performance piezo-ceramic elements.

The Model 572 can also be custom configured as an “Active, Digital Signal Processor, DSP” 170kHz transducer utilizing Radarsonics DSP technology.

Options:

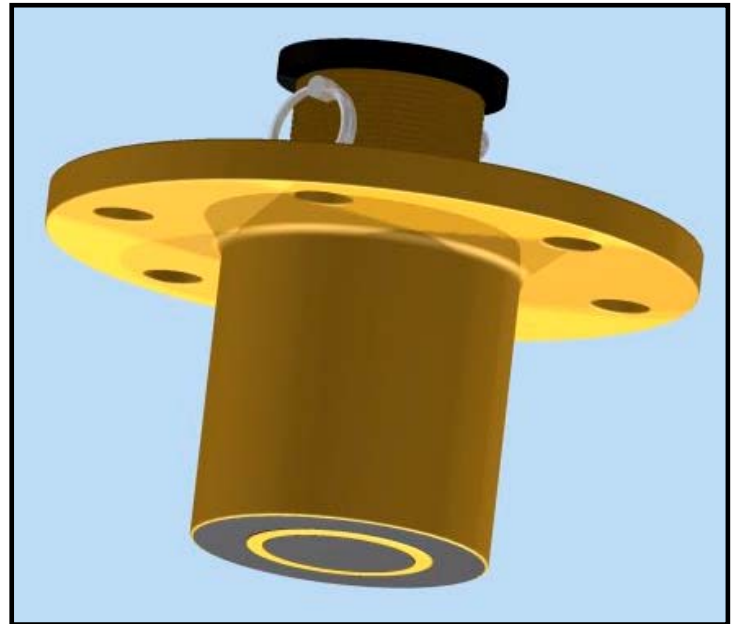
- Temperature sensor
- Custom element configurations
- Impedance matching

Applications:

- Custom application.
 - 170kHz DSP “Active Transducer”

Specifications:

- Housing material: Cast Bronze.
- Standard cable length: To order.
- Weight: Bronze – 10 lbs.
- Cable – Heavy duty.



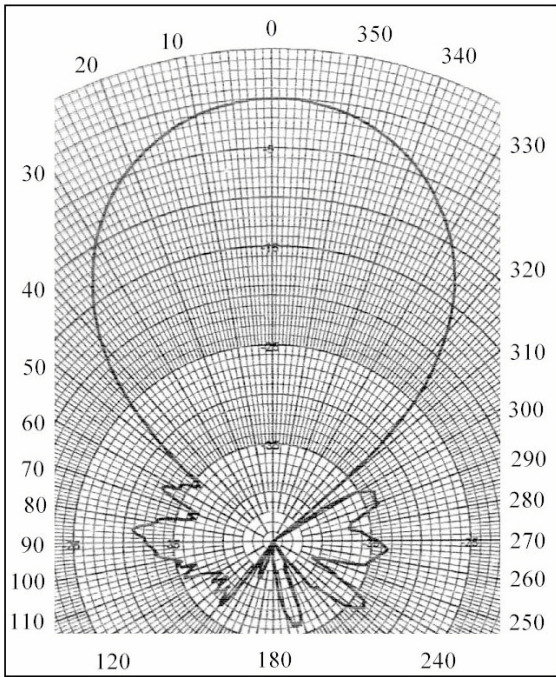
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Performance Data

FREQUENCY (kHz)	BEAM WIDTH (degrees @ -3db)	ELEMENT SIZE (inches)	CAPACITANCE (pf)	IMPEDANCE (ohms)	TRANSMIT RESPONSE (db)	RECEIVE RESPONSE (-db)	POWER RATING, RMS (watts)	COMMENT
			NOTE (1)	NOTE (2)	NOTE (3)	NOTE (4)		
200	9	2.0	2185	385	165	-186	600	
50	36	2.3	8500	180	165	-180	600	
40	42	2.1	1800	850	162	-179	700	

(1) with standard length cable. (2) equivalent series R in water. (3) the source level generated by one watt input. (4) the open circuit RMS voltage generated by a pressure of one microbar.

50Khz Mode – 2.3” Diameter Elements



200Khz Mode – 2.0” Diameter Elements

