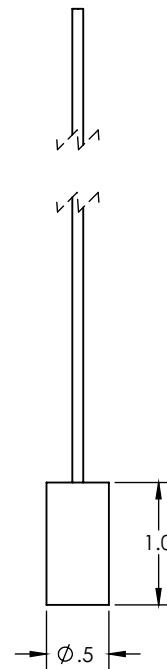


# SEISMIC HYDROPHONE

## SQ17-00

The SQ17-00 seismic hydrophone is made with a piezoelectric ceramic cylinder. The piezo element offers a receive sensitivity of -202.5 dB over a broad working bandwidth of 1 Hz - 100 kHz. Seismic hydrophones are designed specifically to maintain accuracy with large changes in both temperature and pressure that are common to deep ocean applications. The SQ17-00 offers a remarkably compact form factor relative to other seismic hydrophones that is ideal for systems in which space is limited. Mounting points, connectors, and other parameters can all be customized. Please contact us to discuss your specific requirements.



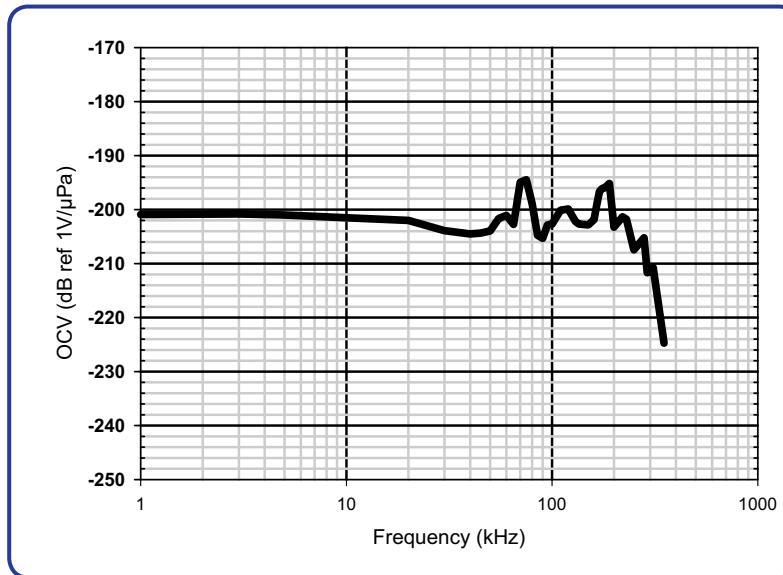
<b>RECEIVE SENSITIVITY</b>	-202.5 dB re 1 V/ $\mu$ Pa @ 20°C
<b>WORKING FREQUENCY</b>	1 Hz - 100 kHz
<b>CAPACITANCE</b>	1.6 nF $\pm$ 15% @ 20°C
<b>OPERATING DEPTH</b>	3500 m



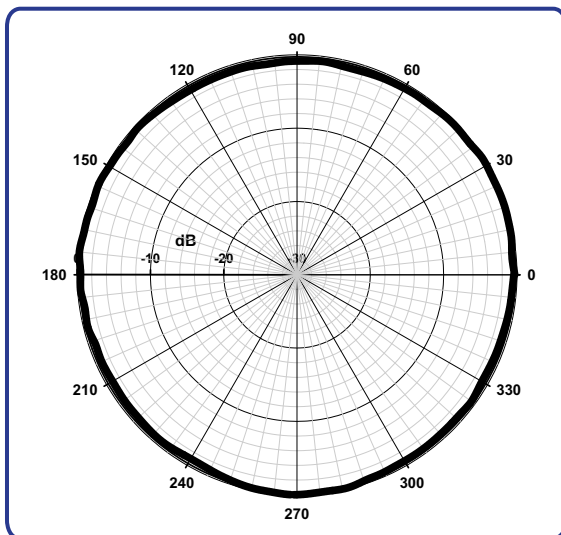
# SEISMIC HYDROPHONE

## SQ17-00

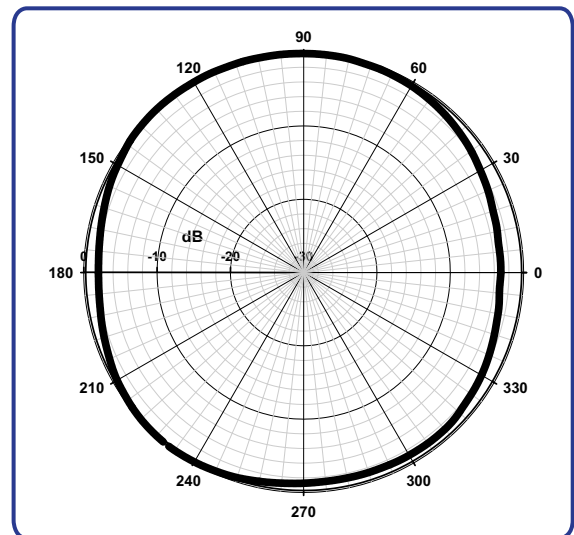
**SENSOR**  
TECHNOLOGY



Receive Voltage Response



Directivity Pattern at 75 kHz, Radial Plane



Directivity Pattern at 100 kHz, Radial Plane

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