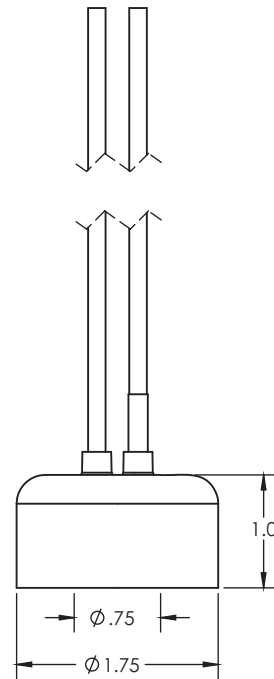


FREE-FLOODED RING PROJECTOR

SX30-FR



The SX30-FR transducer is made with a piezoelectric ceramic ring. The shape of the piezo element balances pressure, resulting in virtually unchanged performance at any depth. The SX30-FR offers transmit capability at a 30 kHz resonance with a toroidal directivity pattern in the axial plane, and a wide usable bandwidth between 20-40 kHz. Free-flooded rings are efficient transducers, performing well at both transmitting and receiving, and can be assembled as an array to boost transmit power and/or increase directivity. Mounting options and connector types can be modified to meet customer requirements. Contact us to discuss your specific requirements.



TRANSMIT SENSITIVITY 133 dB re 1 μ Pa/V @ 1 m

RECEIVE SENSITIVITY -183 dB re 1 V/ μ Pa @ 20°C

RESONANCE FREQUENCY 30 kHz

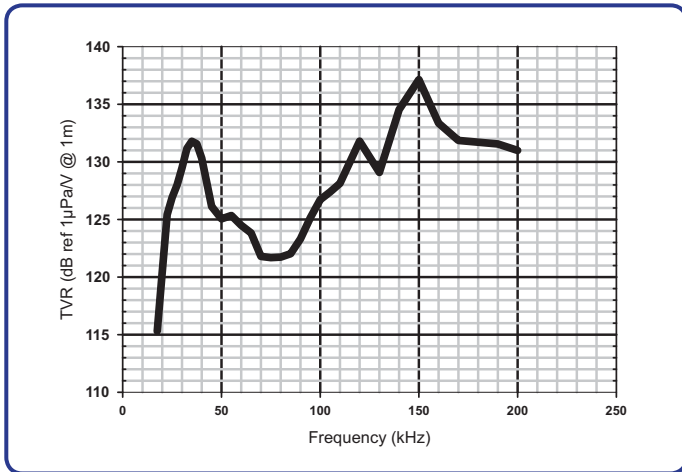
CAPACITANCE 5.3 nF \pm 15% @ 20°C

OPERATING DEPTH Unlimited

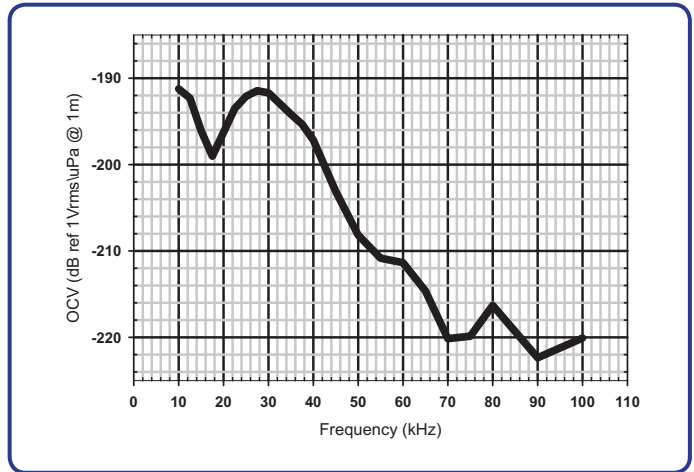


FREE-FLOODED RING PROJECTOR

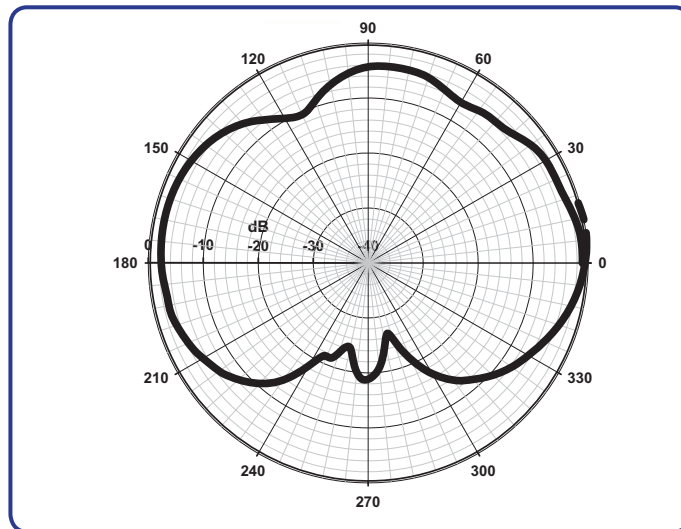
SX30-FR



Transmit Voltage Response



Receive Voltage Response



Directivity Pattern at 30 kHz, Axial Plane

Contact Us via:

info@sensortechcanada.com +1-705-444-1440

www.sensortechcanada.com