

17-278-260 rev. 02

## 200 kHz – BA

Power rating: 100 Wrms @ 2% duty cycle

6.6mm (.26") x 29mm (1.15") PZT

Active Area: 19cm<sup>2</sup>

Urethane Window

Beamwidth:

-3dB: 13° x 50°

-6dB: 18° x 70°

-10dB: 22° x 90°

Directivity Index: 17

Frequency Tolerance: ±4kHz

Peak TVR<sup>(1)</sup>, nominal: 159dB

Peak TVR<sup>(1)</sup>, minimum: 156dB

Q (transmit): 26

Peak Source Level<sup>(4)</sup>: 204dB

Peak RVR<sup>(2)</sup>, nominal: -187dB

Peak Figure of Merit<sup>(3)</sup>: -32dB

Notes:

(1) dB re 1 μPa per volt at 1 meter

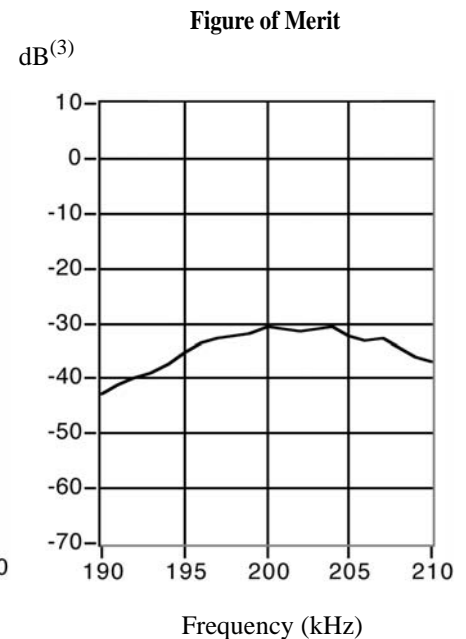
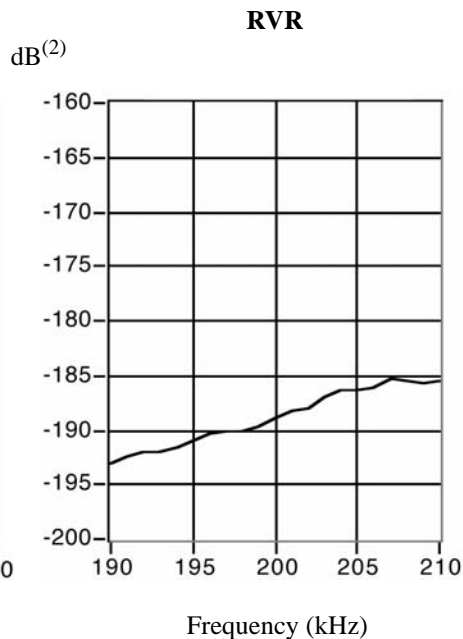
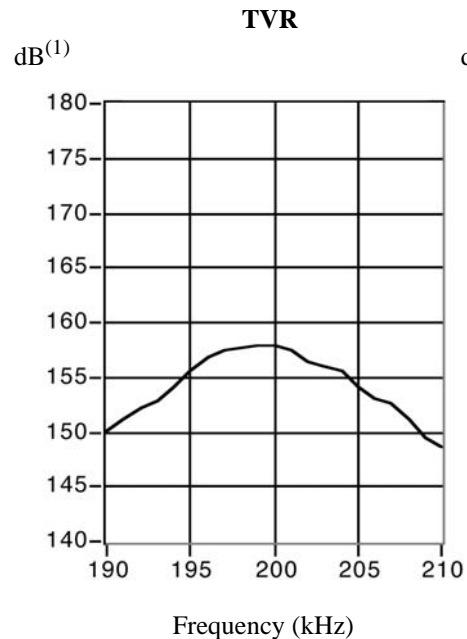
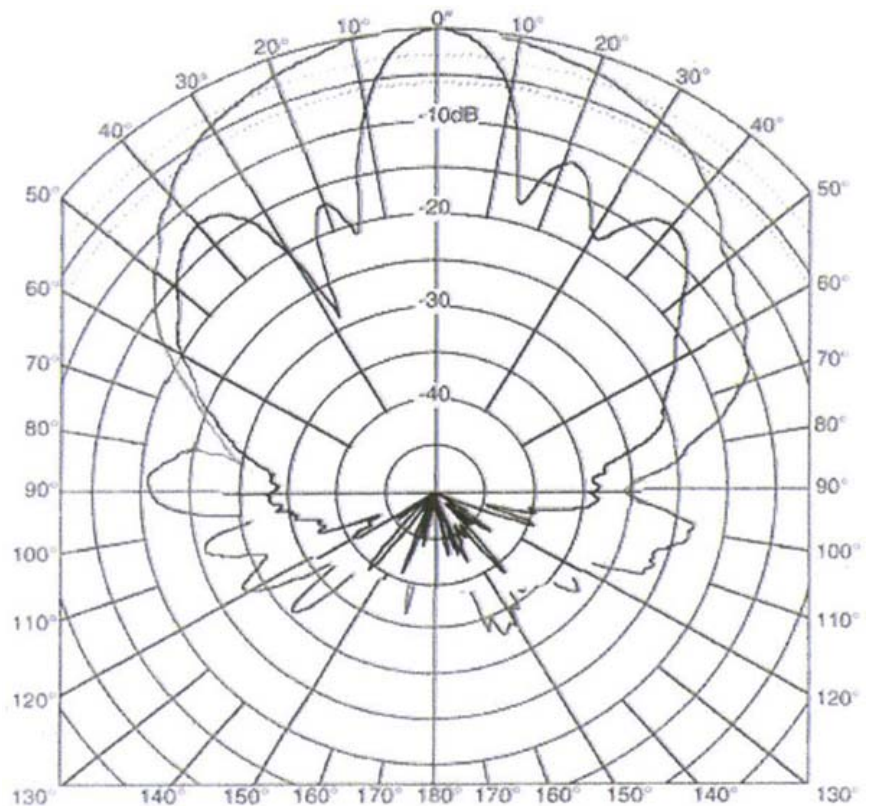
(2) dB re 1 volt per μPa

(3) sum of transmitting voltage response  
and receiving voltage response

(4) Nominal peak TVR, rated power, and no  
cavitation

Acoustic Data: Small Tank: Stored Data: 200BA:Urethane:M04B031607:Test#1:02Sens  
Pattern Data: Small Tank: Stored Data: 200BA:Urethane:M04B031607:Test#1:02Sens

Transmit Radiation Pattern



# Technical Data Catalog

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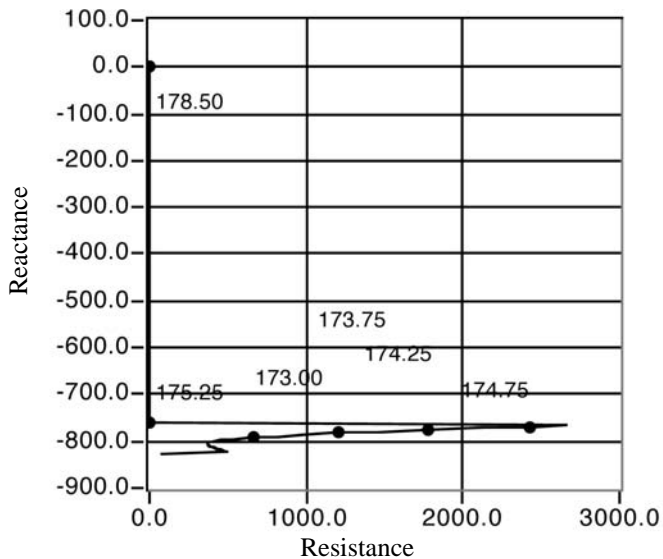
Cable Type: C47

Cable Length: 9.1m (30.0')

### Impedance Data

	Balanced	Unbalanced
Parallel: Rp.	400 ohms-20%,+40%	400ohms 20%,+40%
Parallel: Cp. (nominal)	0pF	575pF
Series [R – jX] (nominal)	450 – j65 ohms	450 – j 65 ohms
1 kHz Capacitance	130pF±20%	1040pF±20%

Unbalanced Impedance



Unbalanced Admittance

