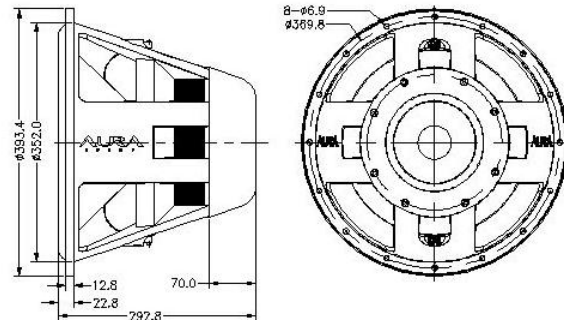


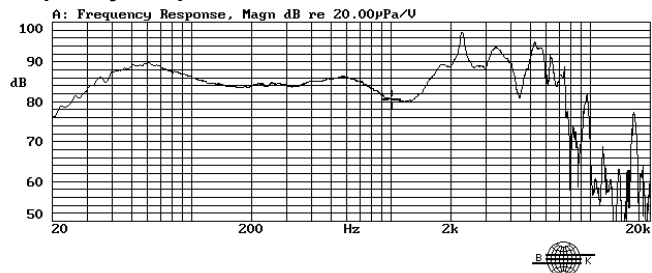
## 15 inch Subwoofer

- **High Excursion**
- **Very Low Distortion**
- **No Stray Magnetic Fields**

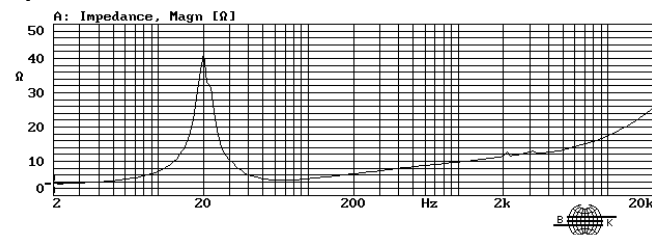


Nominal Diameter . . . . . 15 inches (393 mm)  
 Nominal Impedance (Z) . . . . . 4 Ohms  
 Sensitivity, 1W/1m (E) . . . . . 86 dB @ 100 Hz  
 Power Capacity, RMS (Pe) . . . . . 800 W  
 Power Capacity, Peak . . . . . 3200 W  
 Frequency Range (-10dB) . . . . . Fo - 1.5 kHz  
 Minimum Impedance . . . . . 5 ohms  
 Voice Coil Diameter . . . . . 99.2 mm  
 Voice Coil Winding Length (h) . . . . . 25.4 mm  
 Voice Coil Number of Layers (n) . . . . . 1  
 Voice Coil Former Material . . . . . Glass composite  
 Voice Coil Wire Composition . . . . . Aluminum Ribbon  
 Magnetic Material . . . . . Neodymium radial  
 Stray Flux Shielding . . . . . Inherent  
 Magnetic Gap Depth (He) . . . . . 50.8 mm  
 Cone Material . . . . . Aluminum  
 Surround Material . . . . . Injecton molded rubber  
 Polarity, Outward Motion . . . . . Positive voltage on (+) termin:  
 Net Weight . . . . . 20.1 kg  
 Maximum Excursion . . . . . 75 mm peak to peak

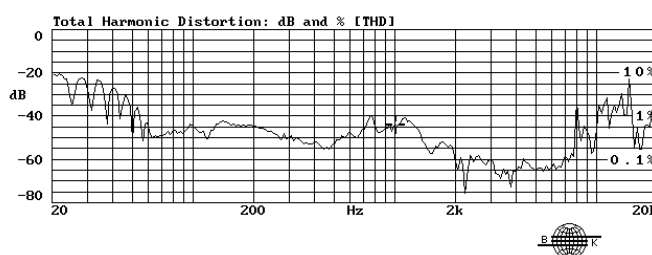
**Frequency Response (1W, 1m)**



**Impedance**



**Distortion (1W, 1m)**



**Thiele / Small Parameters**

Resonant Frequency (Fo) - Fs . . . . . 20 Hertz  
 Voice Coil DC Resistance - Re . . . . . 3.3 ohms  
 Total Q - Qts . . . . . 0.37  
 Mechanical Q - Qms . . . . . 8.0  
 Electrical Q - Qes . . . . . 0.40  
 Equivalent Volume of Air - Vas . . . . . 169 L  
 Radiating Piston Area - Sd . . . . . 765 cm<sup>2</sup>  
 Xmax . . . . . 38 mm peak to peak

**Electrical / Mechanical Parameters**

Flux Density x Length - BL . . . . . 18 Tesla-meters  
 Compliance - Cms . . . . . 206 μm/N  
 Total Mass - Mms . . . . . 314 grams