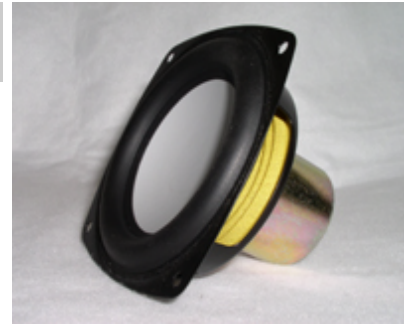
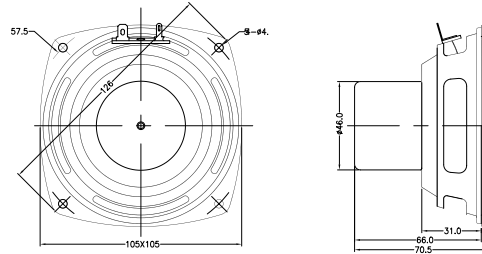


## 4 inch Woofer

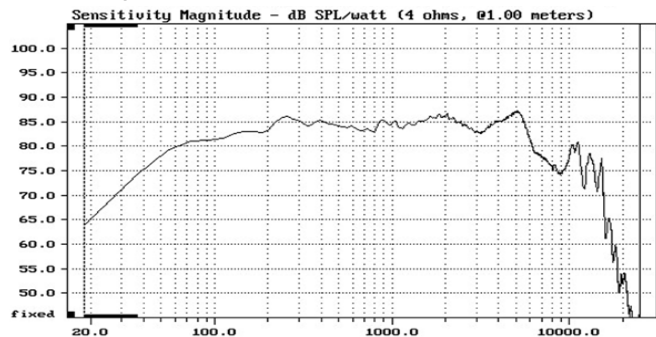
- **High Excursion**
- **Very Low Distortion**
- **No Stray Magnetic Fields**
- **Wide Bandwidth**



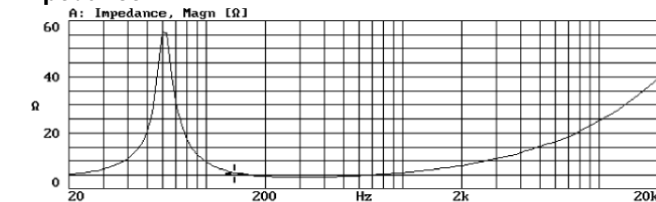
Nominal Diameter . . . . . 4 inches (105 mm)  
 Nominal Impedance (Z) . . . . . 4 ohms  
 Sensitivity, 1W/1m (E) . . . . . 84 dB @ 1 kHz  
 Power Capacity, RMS (Pe) . . . . . 20 W  
 Power Capacity, Peak . . . . . 40 W  
 Frequency Range (-10dB) . . . . . 60 Hz - 6 kHz  
 Minimum Impedance . . . . . 4 ohms  
 Voice Coil Diameter . . . . . 25.5 mm  
 Voice Coil Winding Length (h) . . . . . 5.8 mm  
 Voice Coil Number of Layers (n) . . . . . 4  
 Voice Coil Former Material . . . . . Kapton  
 Voice Coil Wire Composition . . . . . Copper  
 Magnetic Material . . . . . Neodymium radial  
 Stray Flux Shielding . . . . . Inherent  
 Magnetic Gap Depth (He) . . . . . 16.7 mm  
 Cone Material . . . . . Anodized Aluminum  
 Surround Material . . . . . Foamed Rubber  
 Polarity, Outward Motion . . . . . Positive voltage on (+) terminal  
 Net Weight . . . . . 0.384 kg



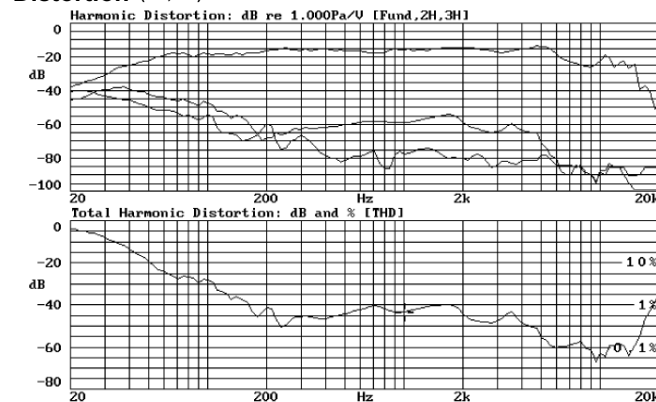
### Frequency Response (1W, 1m)



### Impedance



### Distortion (1W, 1m)



### Thiele / Small Parameters

Resonant Frequency (Fo) - Fs . . . . . 57 Hz  
 Voice Coil DC Resistance - Re . . . . . 3.6 ohms  
 Total Q - Qts . . . . . 0.39  
 Mechanical Q - Qms . . . . . 6.98  
 Electrical Q - Qes . . . . . 0.41  
 Equivalent Volume of Air - Vas . . . . . 3.78 L  
 Radiating Piston Area - Sd . . . . . 50.27 cm<sup>2</sup>

### Electrical / Mechanical Parameters

Flux Density x Length - BL . . . . . 4.82 Tesla-meters  
 Compliance - Cms . . . . . 1053 μm/N  
 Total Mass - Mms . . . . . 7.42 grams