

4" Full Range Speaker

- **High Sensitivity**
- **High Excursion**
- **NO Stray Magnetic Fields**
- **Wide Bandwidth**

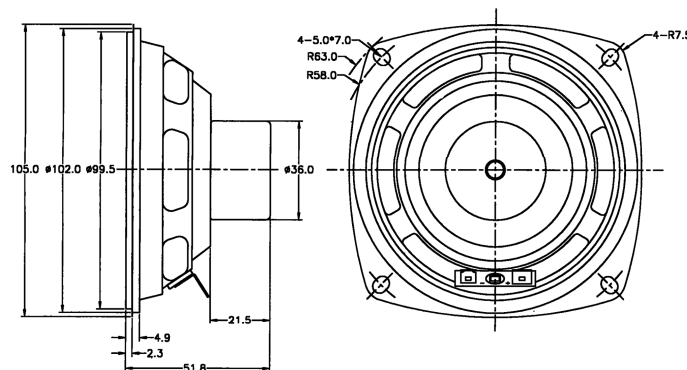
Nominal Diameter (Ø)	4 inches (105 mm)
Nominal Impedance (Z)	8 Ohms
Sensitivity, 1W/1m (E)	86.5 dB
Power Capacity, RMS (Pe)	10 W
Power Capacity, Peak	20 W
Frequency Range (-10dB)	Fo - 15 kHz
Minimum Impedance	8 Ohms
Voice Coil Diameter (Ø)	19.4 mm
Voice Coil Winding Length (h)	7.0 mm
Voice Coil Number of Layers (n)	2
Voice Coil Former Material	Kapton
Voice Coil Wire Composition	Copper
Motor Reference	N194-C08-084B
Magnetic Material	Neodymium radial
Stray Flux Shielding	Inherent
Magnetic Gap Depth (He)	8.4 mm
Cone Material	Paper
Surround Material	Foam
Polarity, Outward Motion	Positive voltage on (+) tab
Net Weight	0.2133 kg

Thiele / Small Parameters

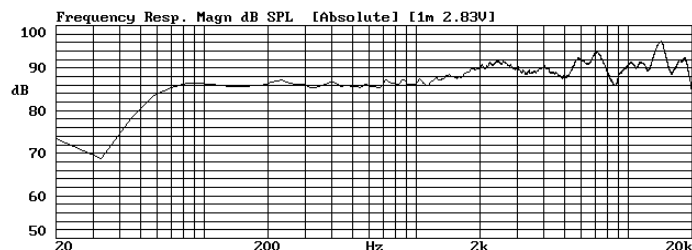
Resonant Frequency (Fo) - Fs	85 Hertz
Voice Coil DC Resistance - Re	7.15 Ohms
Total Q - Qts	0.72
Mechanical Q - Qms	5.60
Electrical Q - Qes	0.82
Equivalent Volume of Air - Vas	4.10 L
Radiating Piston Area - Sd	50.27 cm ²

Electrical / Mechanical Parameters

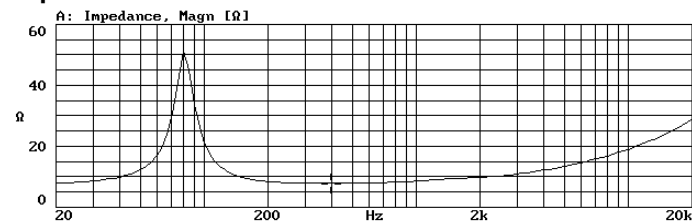
Flux Density x Length - BL	3.75 Tesla-meters
Compliance - Cms	1150 µm/N
Total Mass - Mms	3.10 grams



Frequency Response (1W, 1m)



Impedance



Distortion (1W, 1m)

