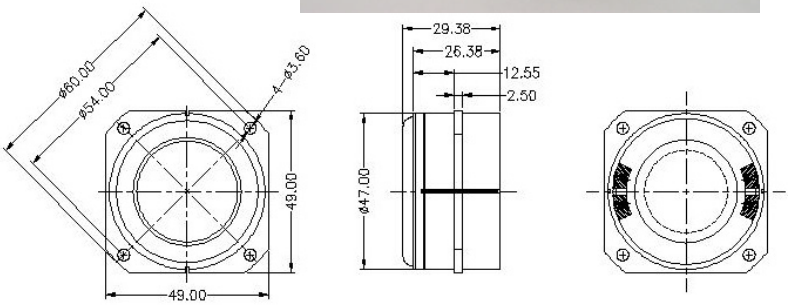
NSW2-326-8A

2 inch Extended Range Loudspeaker

- ***High Output Sensitivity***
- ***Ultra Compact Design***
- ***No Stray Magnetic Fields***



Nominal Diameter	2 inches (51 mm)
Nominal Impedance (Z)	8 Ohms
Sensitivity, 1W/1m (E)	84 dB @ 1 kHz
Power Capacity, RMS (Pe)	15 W
Power Capacity, Peak	60 W
Frequency Range (-10dB)	250 - 15 kHz
Minimum Impedance	8 ohms
Voice Coil Diameter	32.6 mm
Voice Coil Winding Length (h)	4.4 mm
Voice Coil Number of Layers (n)	2
Voice Coil Former Material	Aluminum
Voice Coil Wire Composition	CCAW
Magnetic Material	Neodymium radial
Stray Flux Shielding	Inherent
Magnetic Gap Depth (He)	8 mm
Cone Material	Titanium
Surround Material	Foam
Polarity, Outward Motion	Positive voltage on (+) tab
Net Weight	113 g
Maximum Excursion	10 mm peak to peak

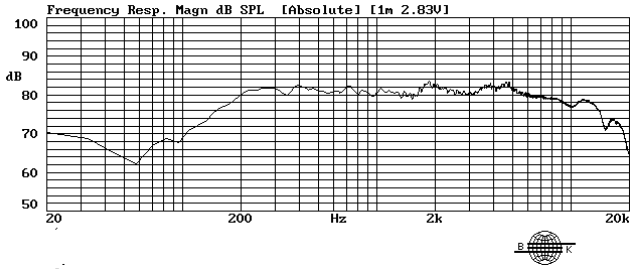
Thiele / Small Parameters

Resonant Frequency (Fo) - Fs	250 Hertz
Voice Coil DC Resistance - Re	6.4 Ohms
Total Q - Qts	0.68
Mechanical Q - Qms	4.72
Electrical Q - Qes	0.80
Equivalent Volume of Air - Vas	0.1 L
Radiating Piston Area - Sd	13.2 cm ^{2}
Xmax	6 mm peak to peak

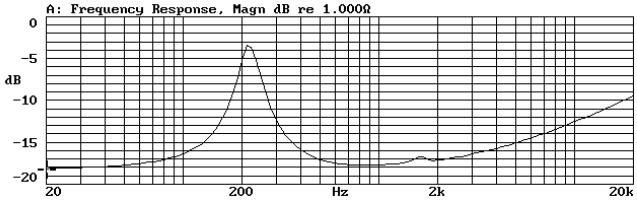
Electrical / Mechanical Parameters

Flux Density x Length - BL	3.5 Tesla-meters
Compliance - Cms	390 µm/N
Total Mass - Mms	1.04 grams

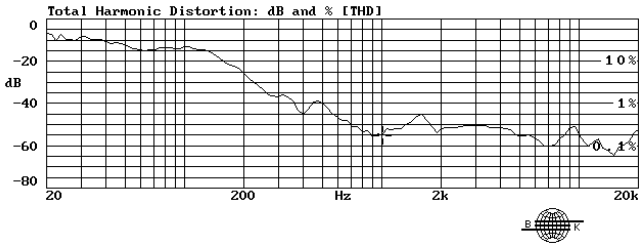
Frequency Response (1W, 1m)



Impedance



Distortion (1W,1m)



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7/14/03