

# Specification Sheet

Model # EEN35C-8A



## MISCO®

### Key Features:

- 3 x 5" (77 x 127 mm), 8 ohm
- 15 watts
- Neodymium magnet, paper cone with cloth surround;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	3.0 x 5.0	inch
	77.0 x 127.0	mm
Rated Impedance	8	ohms
Rated Power	15.0	Watts
Program Power	30	Watts
Frequency Range	100-20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	90	dB SPL
Voice Coil Diameter	0.75 / 19.1	inch / mm
Magnet Weight	0.8 / 23	oz / gr
Transformer		

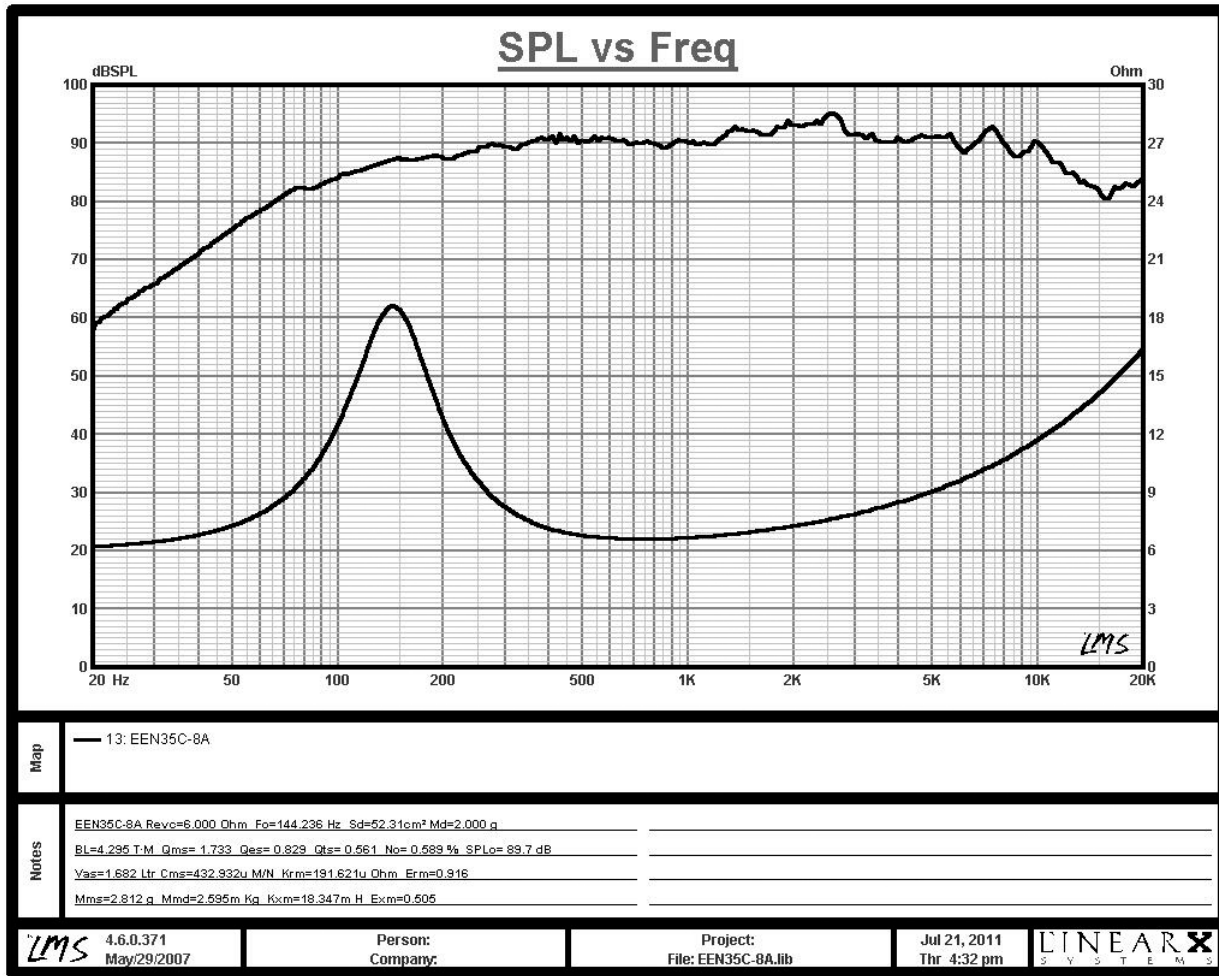
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	144	Hz
D.C. Resistance (Re)	6.4	ohms
Mechanical Q (Qms)	1.7	
Electrical Q (Qes)	0.83	
Total Q (Qts)	0.56	
Compliance Equivalent Volume (Vas)	1.7	ltr
BL Product (BL)	4.3	T-M
Maximum Linear Excursion (Xmax)	1.4	mm
Surface Area of Cone (Sd)	52.0	cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	0.19 X 0.02
Magnet	Neodymium
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Paper
Cone Edge	Cloth
Dust Cap	Paper

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	5.0 in.	+/- 0.020"
CD	Cutout Diameter	4.7 in.	+/- 0.020"
MG	Magnet Diameter	1.1 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	3.6 in.	+/- 0.010"
ID	Internal Depth	1.3 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	126.0 g	

