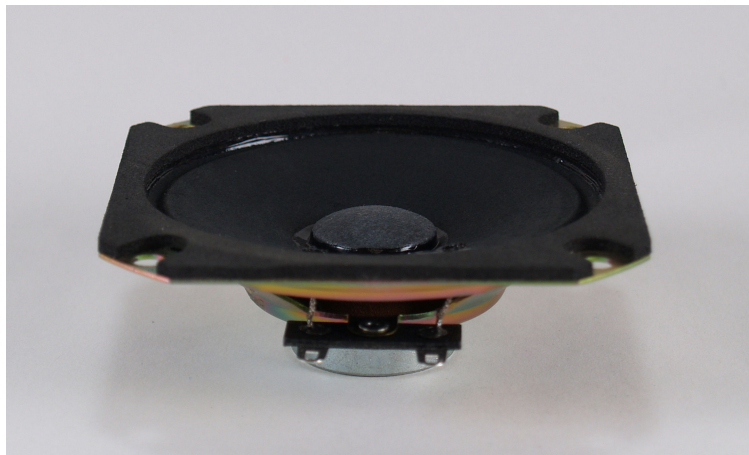


# Specification Sheet

Model # EN32S-8A



# MISCO®

## Key Features:

- 3.5" (87 mm), 8 ohm
- Voice Range, 8 watt
- Neodymium magnet paper cone;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	3.5	inch
	87.0	mm
Rated Impedance	8	ohms
Rated Power	8.0	Watts
Program Power	16	Watts
Frequency Range	200 - 12000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	91	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	0.4 / 12	oz / gr
Transformer		

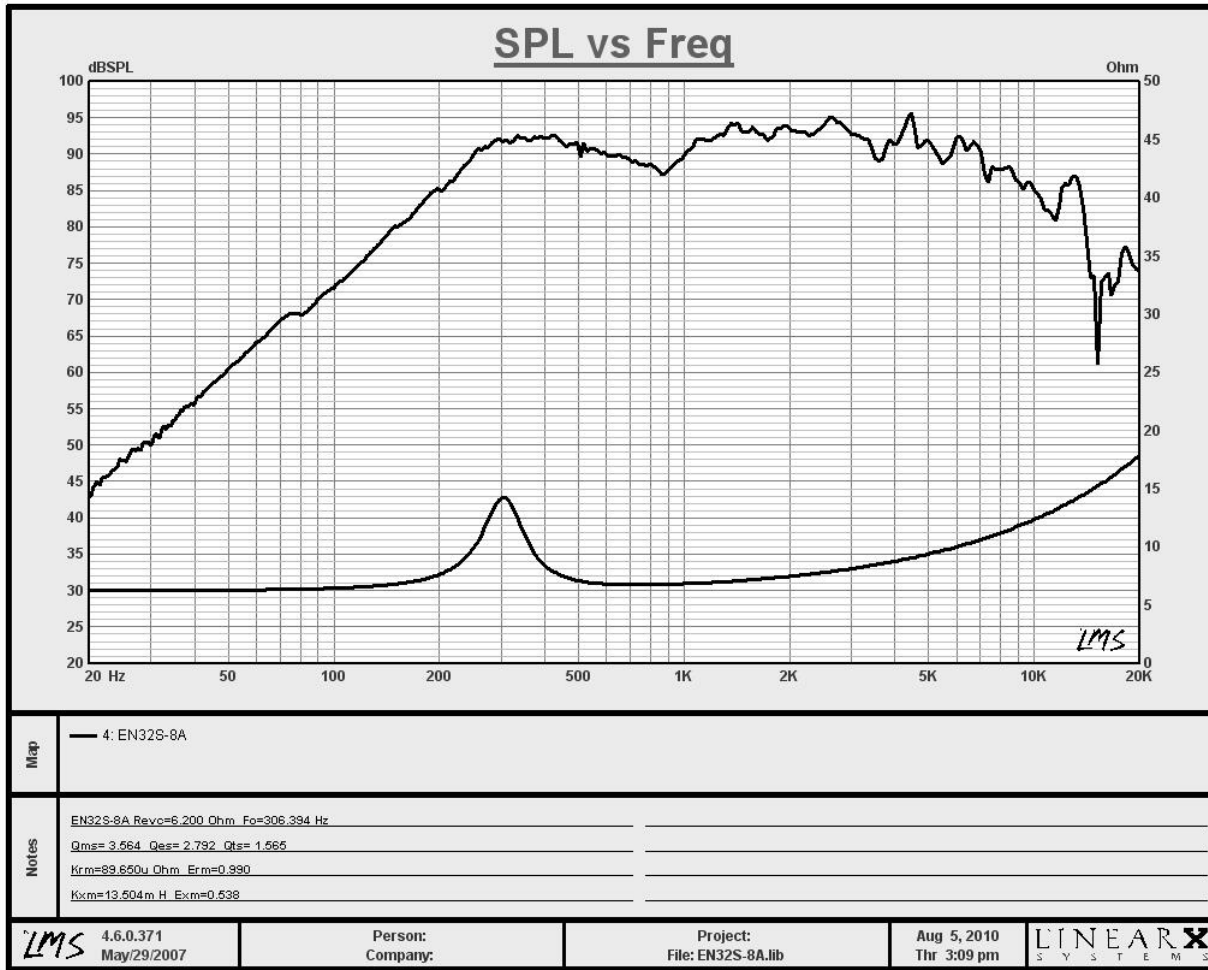
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	306	Hz
D.C. Resistance (Re)	6.0	ohms
Mechanical Q (Qms)	3.6	
Electrical Q (Qes)	2.79	
Total Q (Qts)	1.57	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	1.3	mm
Surface Area of Cone (Sd)		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	Paper
Dust Cap	Paper

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	3.5 in.	+/- 0.020"
CD	Cutout Diameter	3.1 in.	+/- 0.020"
MG	Magnet Diameter	1.1 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	3.9 in.	+/- 0.010"
ID	Internal Depth	1.0 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	97.0 g	

