

# Specification Sheet

Model # N9870-1



# MISCO®

## Key Features:

- 6" (156mm), 8 ohm
- Full Range, 12 watts
- Ferrite magnet, felted paper cone with paper surround;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	6.0	inch
	156.0	mm
Rated Impedance	8	ohms
Rated Power	12.0	Watts
Program Power	24	Watts
Frequency Range	70 - 16000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	94	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	4.8 / 136	oz / gr
Transformer		

### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	109	Hz
D.C. Resistance (Re)	6.0	ohms
Mechanical Q (Qms)	4.7	
Electrical Q (Qes)	1.5	
Total Q (Qts)	1.1	
Compliance Equivalent Volume (Vas)	16.9	ltr
BL Product (BL)	3.0	T-M
Maximum Linear Excursion (Xmax)	0.3	mm
Surface Area of Cone (Sd)	135.0	cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	.25 X 0.03
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Felted Paper
Cone Edge	Paper
Dust Cap	Paper

# Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	6.2 in.	+/- 0.040"
CD	Cutout Diameter	5.6 in.	+/- 0.030"
MG	Magnet Diameter	2.8 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.020"
MD	Mounting Diameter	6.2 in.	+/- 0.020"
ID	Internal Depth	2.0 in.	Maximum
FT	Flange Thickness	0.13 in.	+/- 0.050"
NW	Net Weight	729.0 gr.	

