

# Specification Sheet

Model # 50FF08-SH57



# MISCO®

## Key Features:

- 2" (50mm), 8 ohm
- Full Range, 3 watts
- Ferrite magnet, Paper cone with pre-treated black cloth surround
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## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	2.0	inch
	50.0	mm
Rated Impedance	8	ohms
Rated Power	3.0	Watts
Program Power	6	Watts
Frequency Range	220 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	85	dB SPL
Voice Coil Diameter	0.6 / 15.2	inch / mm
Magnet Weight	0.7 / 20	oz / gr
Transformer		

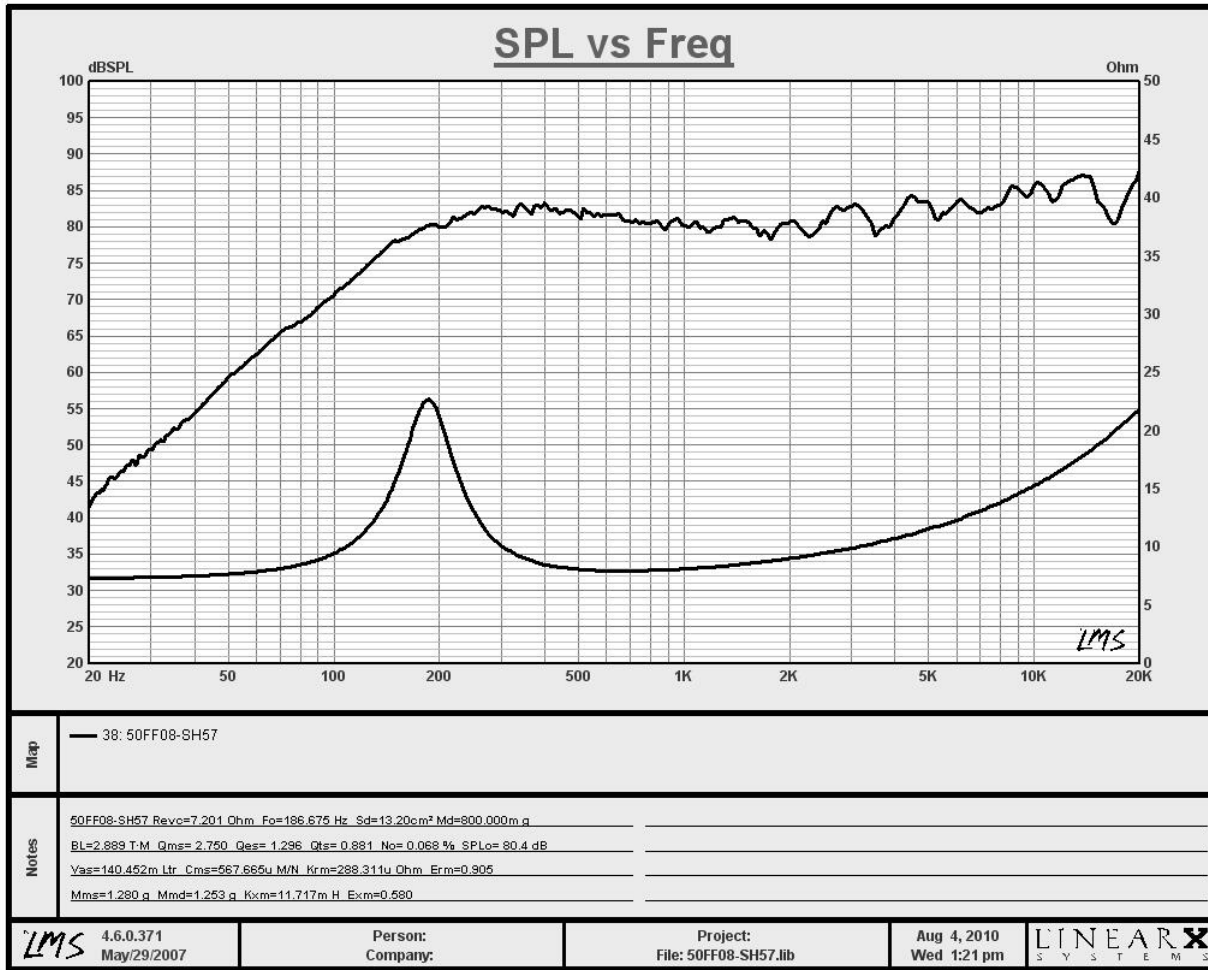
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	220	Hz
D.C. Resistance (Re)	7.7	ohms
Mechanical Q (Qms)	2.7	
Electrical Q (Qes)	1.25	
Total Q (Qts)	0.85	
Compliance Equivalent Volume (Vas)	0.2	ltr
BL Product (BL)	2.9	T-M
Maximum Linear Excursion (Xmax)	1.2	mm
Surface Area of Cone (Sd)	13.0	cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	0.110 X .02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Paper
Cone	Paper
Cone Edge	Pre-treated Black Cloth
Dust Cap	Paper

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	2.1 in.	+/- 0.020"
CD	Cutout Diameter	1.9 in.	+/- 0.020"
MG	Magnet Diameter	1.7 in.	+/- 0.050"
HD	Hole Diameter	0.16 in.	+/- 0.010"
MD	Mounting Diameter	2.4 in.	+/- 0.010"
ID	Internal Depth	1.3 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	125.0 g	

