

# Specification Sheet

Model # FC6S



## MISCO®

### Key Features:

- 6" (156mm), 8 ohm
- Full Range, 12 watts
- Ferrite magnet, water resistant paper cone;

## 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	60 - 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		

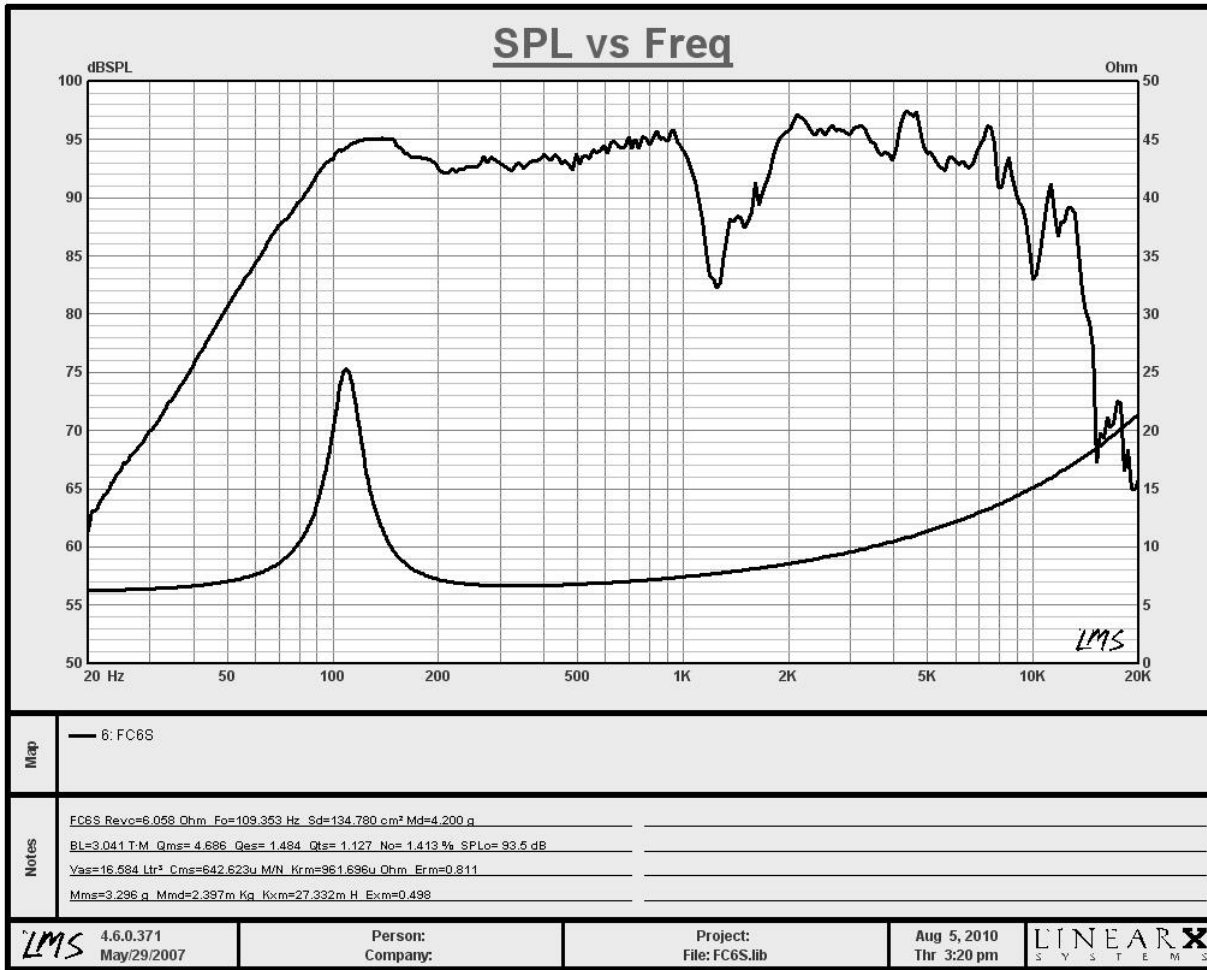
### Small Signal Parameters

		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	cm2
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	0.19 x 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Water Retardant Paper
Cone Edge	Paper
Dust Cap	Paper

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	6.2 in.	+/- 0.020"
CD	Cutout Diameter	5.7 in.	+/- 0.020"
MG	Magnet Diameter	2.8 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	6.2 in.	+/- 0.010"
ID	Internal Depth	2.0 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	509.0 g	

