

Specification Sheet

Model # 70009



MISCO®

Key Features:

- 3" (76mm), 4 ohm
- Woofer, 10 watts
- Ferrite magnet
- Flat Radiating Diaphragm
- Polypropylene Cone and Dustcap

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	3.27	inch
	83.0	mm
Rated Impedance	4	ohms
Rated Power	10.0	Watts
Program Power	25	Watts
Frequency Range	60-10,000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	76	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	4.8 / 136	oz / gr
Transformer		

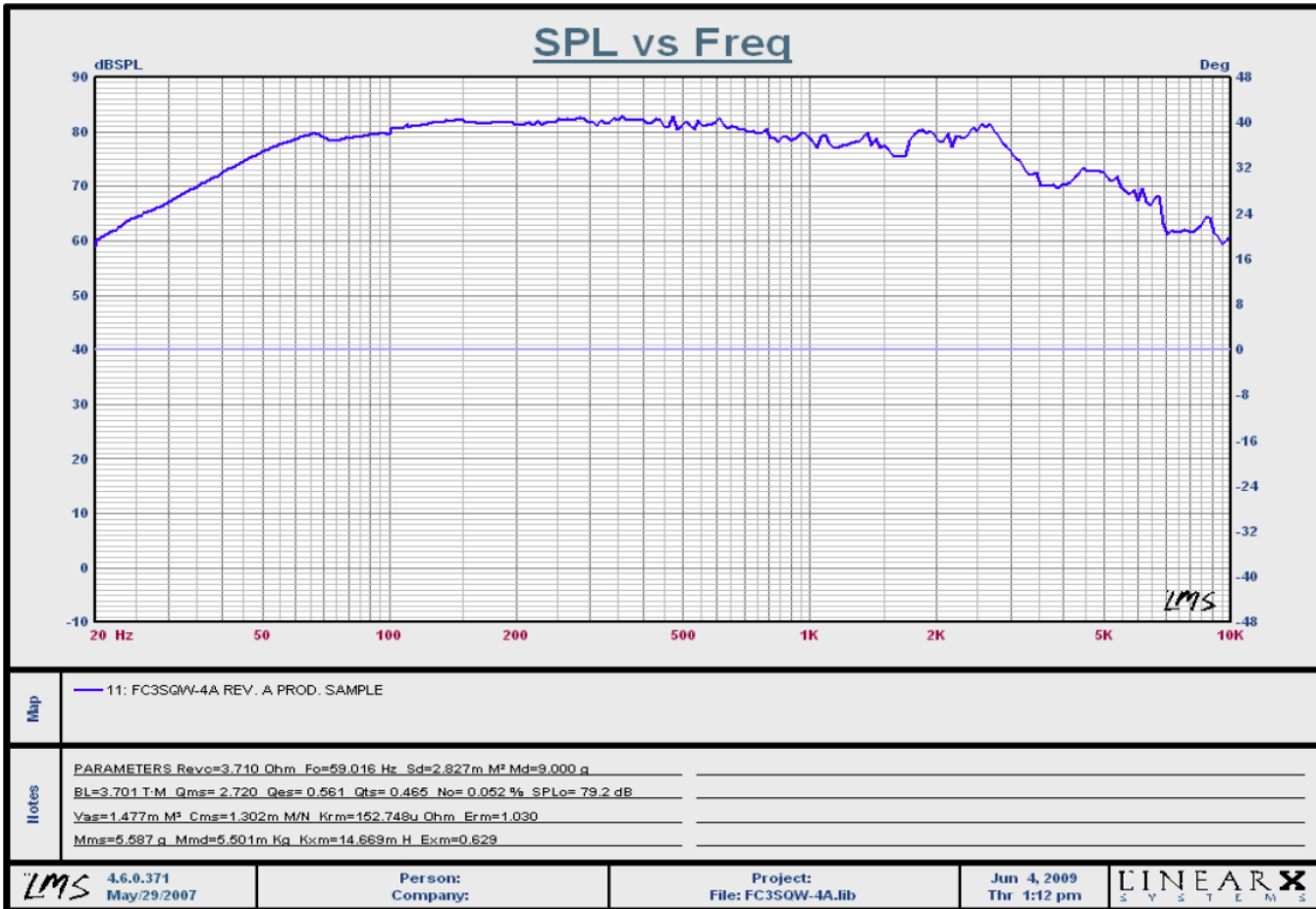
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	59	Hz
D.C. Resistance (Re)	3.4	ohms
Mechanical Q (Qms)	1.91	
Electrical Q (Qes)	0.54	
Total Q (Qts)	0.42	
Compliance Equivalent Volume (Vas)	1.3	ltr
BL Product (BL)	4.36	T-M
Maximum Linear Excursion (Xmax)	0.7	mm
Surface Area of Cone (Sd)	28.3	cm ²
Moving Mass (Mmd)	8	g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Polypropylene
Cone Edge	Black Rubber
Dust Cap	Flat Radiating Diaphragm

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	3.27 in.	+/- 0.020"
CD	Cutout Diameter	2.64 in.	+/- 0.020"
MG	Magnet Diameter	2.8 in.	+/- 0.050"
HD	Hole Diameter	0.18 in.	+/- 0.010"
MD	Mounting Diameter	3.6 in.	+/- 0.010"
ID	Internal Depth	1.45 in.	+/- 0.025"
FT	Flange Thickness	0.23 in.	+/- 0.050"
NW	Net Weight	0.95 g	

