

Specification Sheet

Model # EC3SQW-8A



MISCO®

Key Features:

- 3" (76mm), 8 ohm
- Full range, 10 watts
- Ferrite magnet, Polypropylene cone with rubber surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	3.0	inch
	76.0	mm
Rated Impedance	8	ohms
Rated Power	10.0	Watts
Program Power	20	Watts
Frequency Range	80 - 15,000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	83	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	3.0 / 85	oz / gr
Transformer		

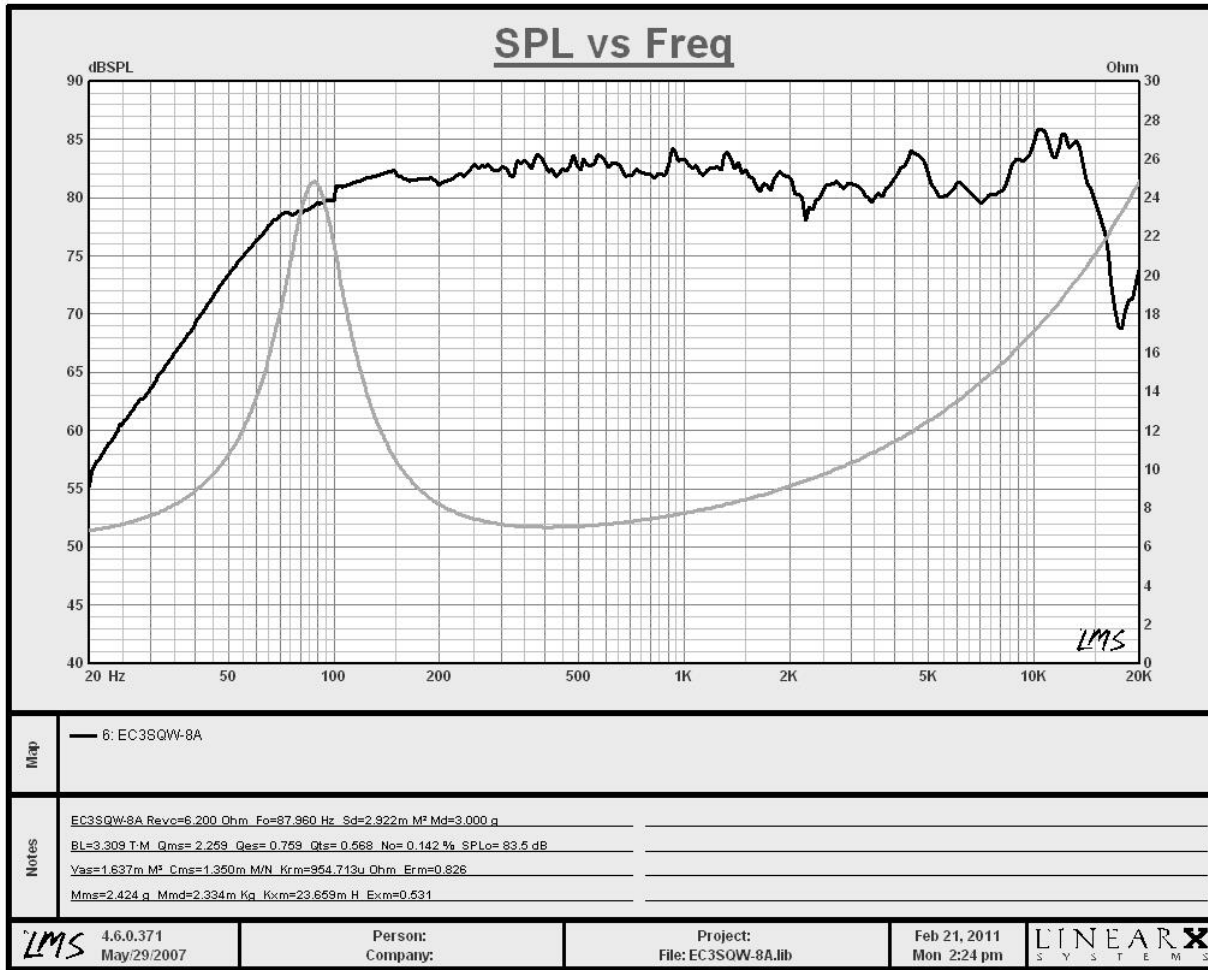
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	88	Hz
D.C. Resistance (Re)	6.2	ohms
Mechanical Q (Qms)	2.3	
Electrical Q (Qes)	0.76	
Total Q (Qts)	0.57	
Compliance Equivalent Volume (Vas)	1.6	ltr
BL Product (BL)	3.3	T-M
Maximum Linear Excursion (Xmax)	0.7	mm
Surface Area of Cone (Sd)	29.0	cm ²
Moving Mass (Mmd)		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	Rubber
Dust Cap	Polypropylene

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	3.3 in.	+/- 0.020"
CD	Cutout Diameter	2.9 in.	+/- 0.020"
MG	Magnet Diameter	2.3 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	3.6 in.	+/- 0.010"
ID	Internal Depth	1.4 in.	+/- 0.025"
FT	Flange Thickness	0.15 in.	+/- 0.050"
NW	Net Weight	302.0 g	

