

Specification Sheet

Model # EC46S-40A



MISCO®

Key Features:

- 4 x 6" (100 X 156 mm), 40 ohm
- Voice Range, 6 watt
- Ferrite magnet, paper cone;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.0 x 6.0	inch
	100.0 x 156.0	mm
Rated Impedance	40	ohms
Rated Power	6.0	Watts
Program Power	12	Watts
Frequency Range	150 - 3500	Hz
Sensitivity (2.83 V input measured at 1 Meter)	90	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	3.0 / 85	oz / gr
Transformer		

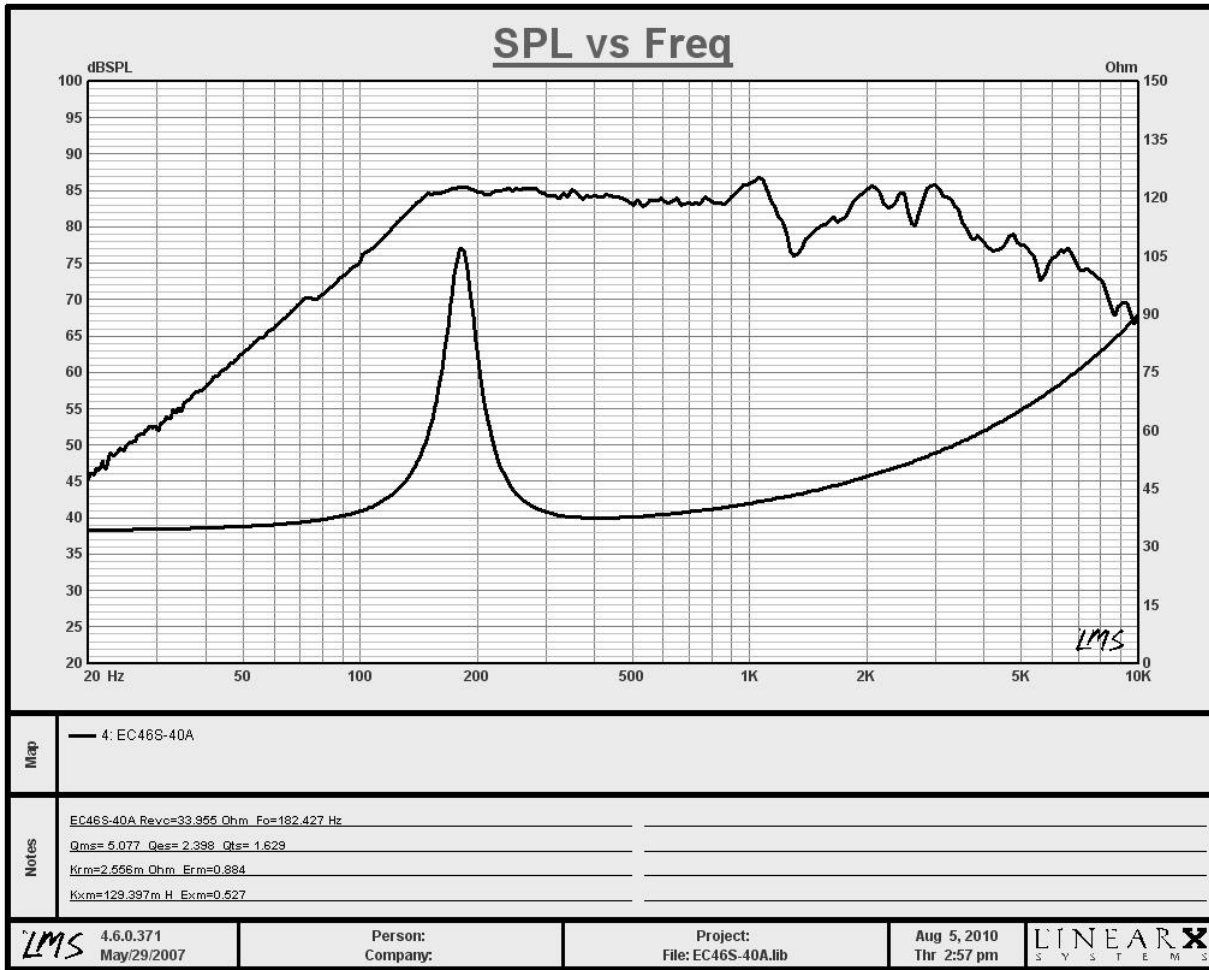
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	182	Hz
D.C. Resistance (Re)	34.0	ohms
Mechanical Q (Qms)	5.1	
Electrical Q (Qes)	2.4	
Total Q (Qts)	1.63	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	0.3	mm
Surface Area of Cone (Sd)		cm ²
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	Paper
Cone Edge	Paper
Dust Cap	Felt

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	6.1 in.	+/- 0.020"
CD	Cutout Diameter	5.8 in.	+/- 0.020"
MG	Magnet Diameter	2.4 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	5.2 in.	+/- 0.010"
ID	Internal Depth	1.5 in.	+/- 0.025"
FT	Flange Thickness	0.2 in.	+/- 0.050"
NW	Net Weight	385.0 g	

