

Specification Sheet

Model # 57RA100M



MISCO®

Key Features:

- 2.2" (57mm), 100 ohm
- Voice Range
- Alnico magnet, Mylar cone
- RoHS Compliant;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	2.2	inch
	57.0	mm
Rated Impedance	100	ohms
Rated Power	0.0	Watts
Program Power	0	Watts
Frequency Range	450 - 16000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	84	dB SPL
Voice Coil Diameter	0.6 / 15.2	inch / mm
Magnet Weight	0.4 / 10	oz / gr
Transformer		

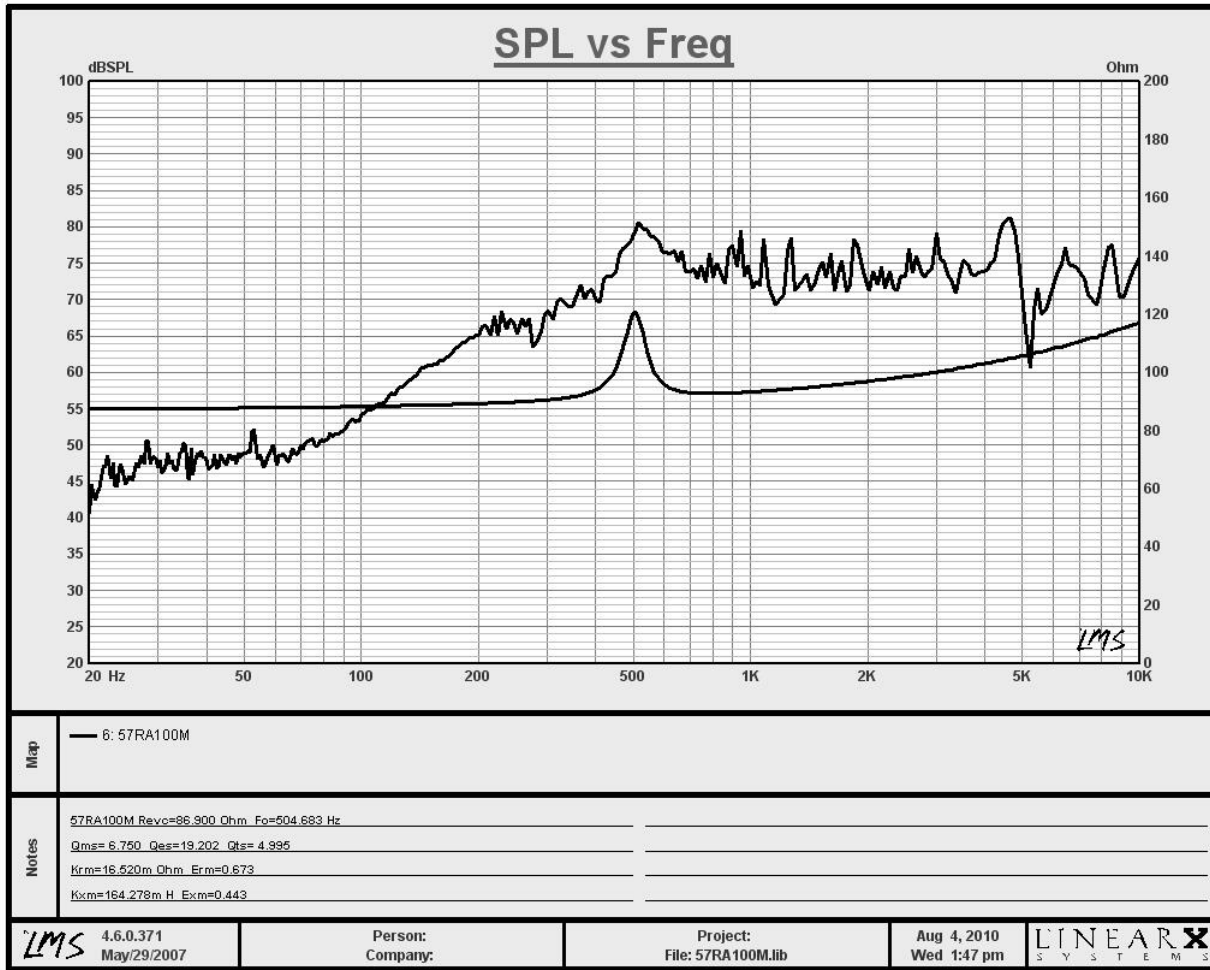
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	450	Hz
D.C. Resistance (Re)	93.9	ohms
Mechanical Q (Qms)	6.0	
Electrical Q (Qes)	17.14	
Total Q (Qts)	4.46	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)		mm
Surface Area of Cone (Sd)		cm2
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.12 X 0.02
Magnet	Alnico
Voice Coil Wire	Copper
Voice Coil Form	Paper
Cone	Mylar
Cone Edge	Mylar
Dust Cap	Mylar

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	2.3 in.	+/- 0.020"
CD	Cutout Diameter	2.0 in.	+/- 0.020"
MG	Magnet Diameter	0.9 in.	+/- 0.050"
HD	Hole Diameter	in.	+/- 0.010"
MD	Mounting Diameter	in.	+/- 0.010"
ID	Internal Depth	0.7 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	42.0 g	

