

# Specification Sheet

Model # 40RA100M



## Key Features:

- 1.6" (40 mm), 100 ohm
- Voice Range, 100 milliwatts
- Alnico magnet, Mylar cone;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	1.6	inch
	40.0	mm
Rated Impedance	100	ohms
Rated Power	0	Watts
Program Power	0	Watts
Frequency Range	600 - 8500	Hz
Sensitivity (2.83 V input measured at 1 Meter)	82	dB SPL
Voice Coil Diameter	0.6 / 15.2	inch / mm
Magnet Weight	0.4 / 10	oz / gr

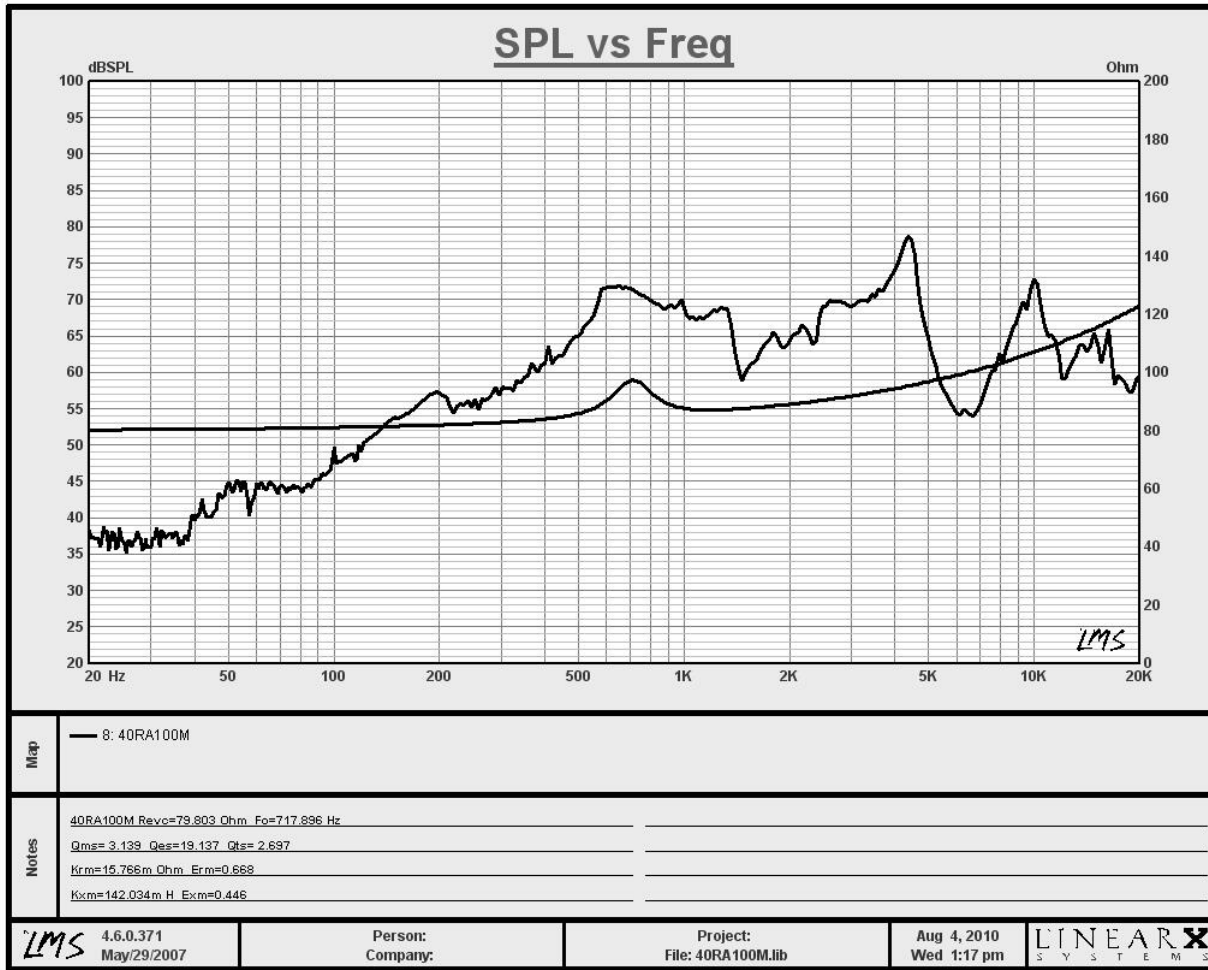
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	600	Hz
D.C. Resistance (Re)	85.0	ohms
Mechanical Q (Qms)	2.6	
Electrical Q (Qes)	15.99	
Total Q (Qts)	2.26	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)		mm
Surface Area of Cone (Sd)		cm <sup>2</sup>

### 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	1.6 in.	+/- 0.020"
CD	Cutout Diameter	1.4 in.	+/- 0.020"
MG	Magnet Diameter	0.71 in.	+/- 0.050"
HD	Hole Diameter	in.	+/- 0.010"
MD	Mounting Diameter	in.	+/- 0.010"
ID	Internal Depth	0.6 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	22.0 g	

