

Specification Sheet

Model # REN5F



MISCO®

Key Features:

- 5" (127 mm), 8 ohm
- Full Range, 12 watts, Neodymium magnet
- paper cone with polyether foam surround
- RoHS Compliant;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	5.0	inch
	127.0	mm
Rated Impedance	8	ohms
Rated Power	12.0	Watts
Program Power	24	Watts
Frequency Range	80 - 10000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	91	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	0.4 / 12	oz / gr
Transformer		

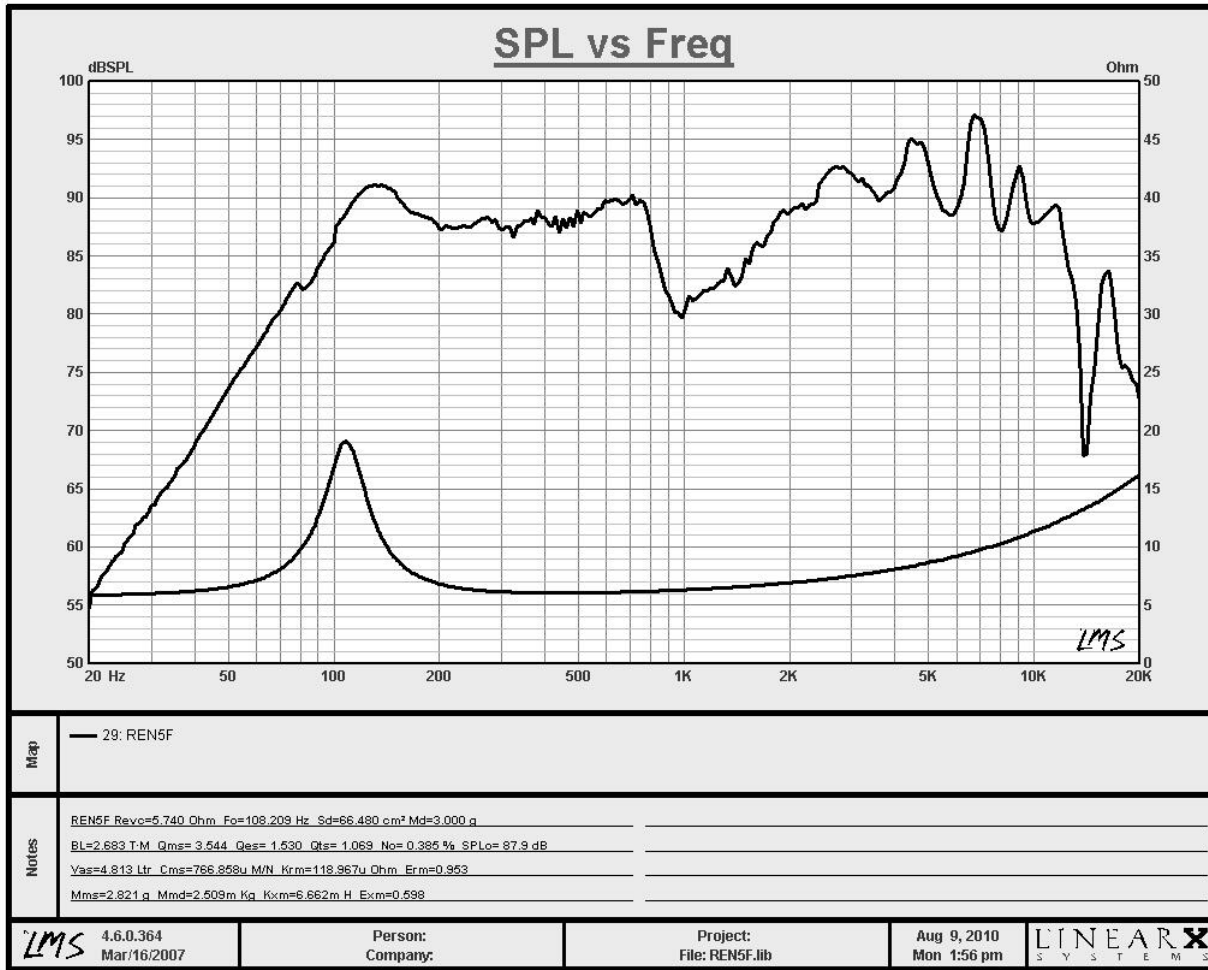
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	108	Hz
D.C. Resistance (Re)	6.3	ohms
Mechanical Q (Qms)	2.7	
Electrical Q (Qes)	3.54	
Total Q (Qts)	1.53	
Compliance Equivalent Volume (Vas)	4.8	ltr
BL Product (BL)	2.7	T-M
Maximum Linear Excursion (Xmax)		mm
Surface Area of Cone (Sd)	66.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 X 0.02
Magnet	Neodymium
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Paper
Cone Edge	Polyether Foam
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	4.7 in.	+/- 0.020"
CD	Cutout Diameter	4.4 in.	+/- 0.020"
MG	Magnet Diameter	1.1 in.	+/- 0.050"
HD	Hole Diameter	0.4 in.	+/- 0.010"
MD	Mounting Diameter	4.8 in.	+/- 0.010"
ID	Internal Depth	1.2 in.	+/- 0.025"
FT	Flange Thickness	0.14 in.	+/- 0.050"
NW	Net Weight	124.0 g	

