

# Specification Sheet

Model # REN3F



# MISCO®

## Key Features:

- 3" (77 mm), 8 ohm
- Full Range, 8 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	3.0	inch
	77.0	mm
Rated Impedance	8	ohms
Rated Power	8.0	Watts
Program Power	16	Watts
Frequency Range	100 - 13000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	87	dB SPL
Voice Coil Diameter	0.7 / 17.8	inch / mm
Magnet Weight	0.4 / 12	oz / gr
Transformer		

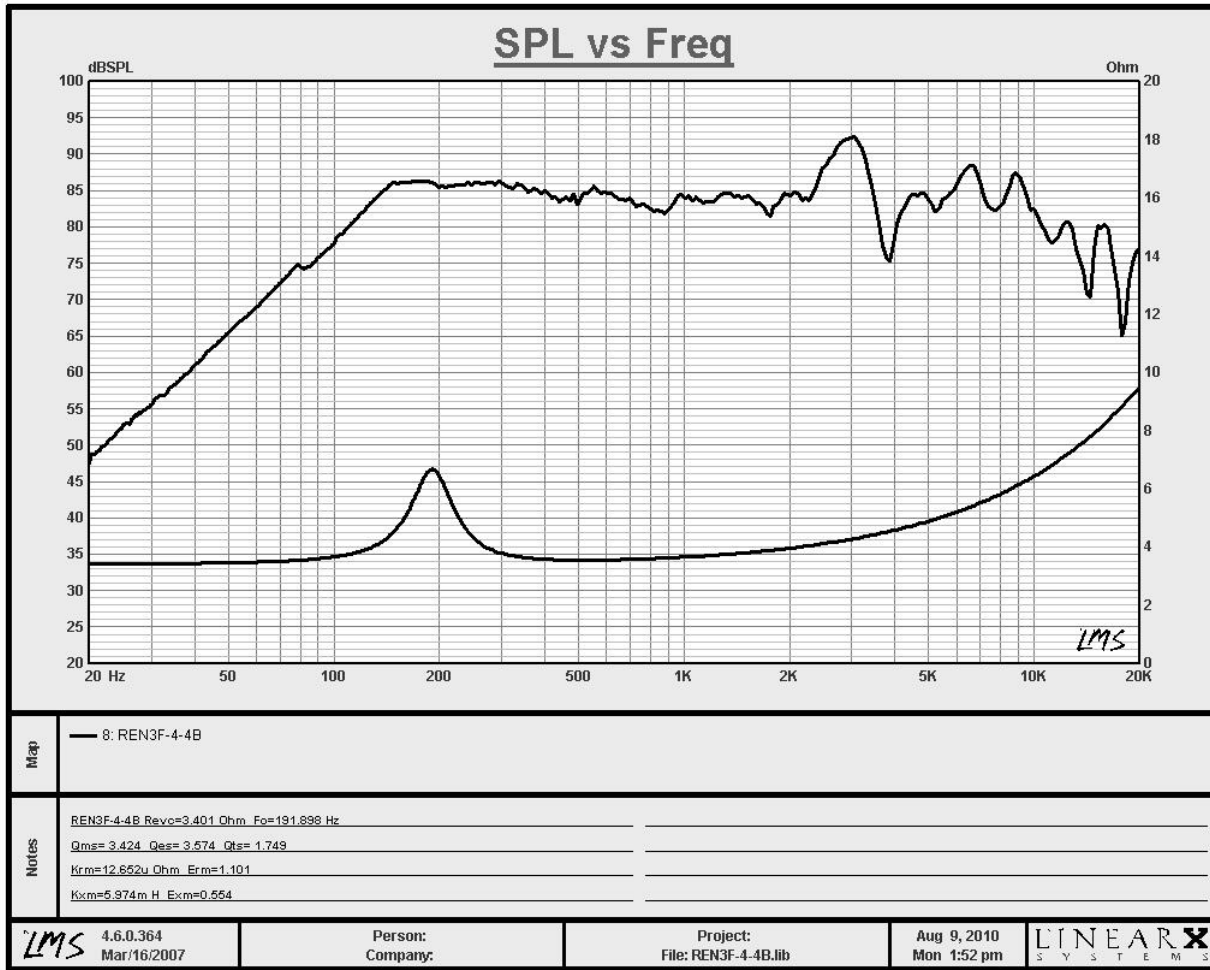
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	191	Hz
D.C. Resistance (Re)	6.1	ohms
Mechanical Q (Qms)	4.3	
Electrical Q (Qes)	1.77	
Total Q (Qts)	1.26	
Compliance Equivalent Volume (Vas)	0.6	ltr
BL Product (BL)	2.5	T-M
Maximum Linear Excursion (Xmax)		mm
Surface Area of Cone (Sd)	30.0	cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	0.19 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	3.0 in.	+/- 0.020"
CD	Cutout Diameter	2.8 in.	+/- 0.020"
MG	Magnet Diameter	1.1 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	3.4 in.	+/- 0.010"
ID	Internal Depth	1.1 in.	+/- 0.025"
FT	Flange Thickness	0.13 in.	+/- 0.050"
NW	Net Weight	93.0 g	

