

Specification Sheet

Model # RDC22F-8B



MISCO®

Key Features:

- 2.5" (66 mm), 8 ohm
- Full Range, 7 watts
- Ferrite 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	2.5	inch
	66.0	mm
Rated Impedance	8	ohms
Rated Power	7.0	Watts
Program Power	14	Watts
Frequency Range	200 - 15000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	81	dB SPL
Voice Coil Diameter	0.6 / 15.2	inch / mm
Magnet Weight	2.4 / 67	oz / gr
Transformer		

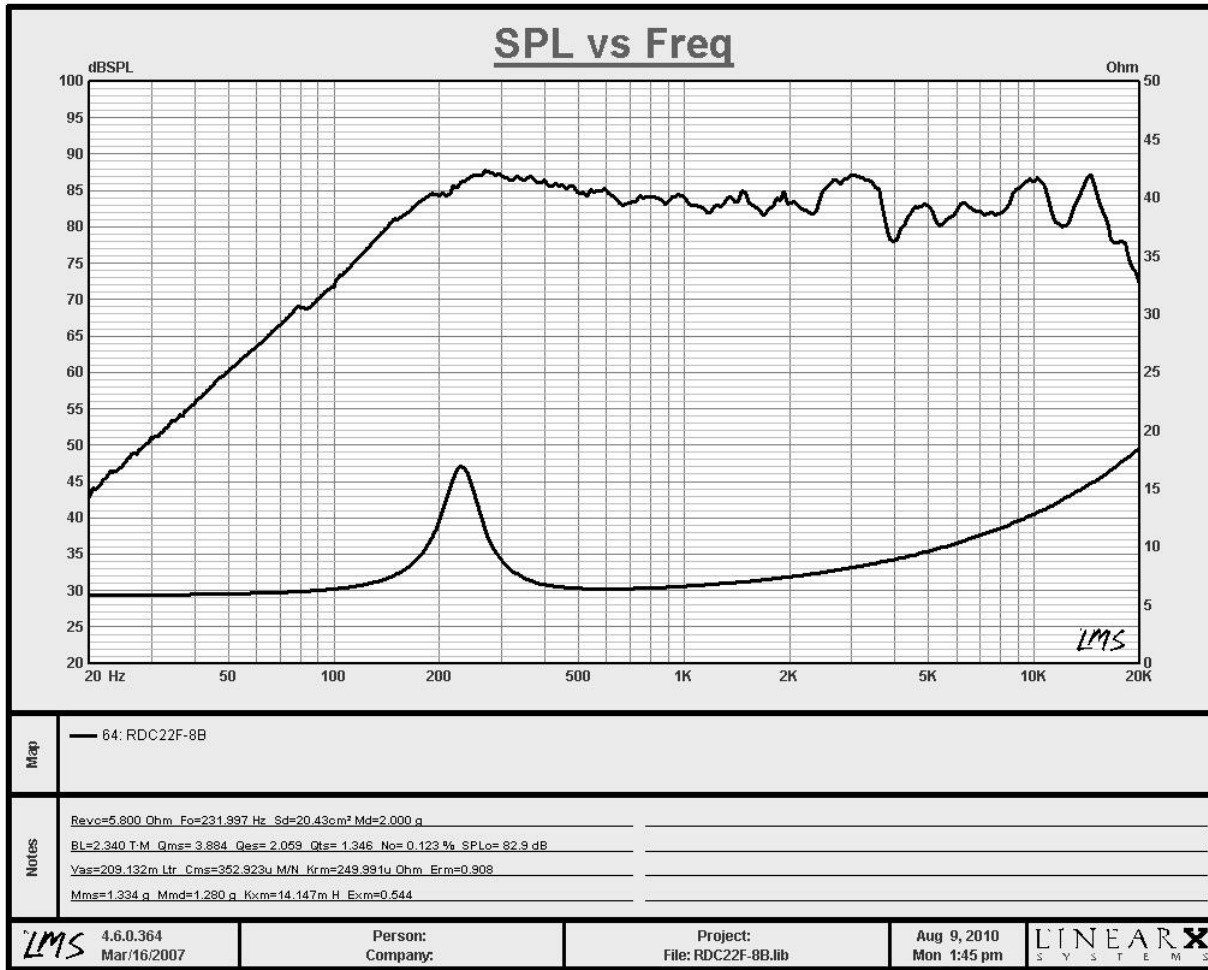
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	232	Hz
D.C. Resistance (Re)	6.0	ohms
Mechanical Q (Qms)	3.9	
Electrical Q (Qes)	2.1	
Total Q (Qts)	1.35	
Compliance Equivalent Volume (Vas)	209.1	ltr
BL Product (BL)	2.3	T-M
Maximum Linear Excursion (Xmax)	0.9	mm
Surface Area of Cone (Sd)	20.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 X 0.02
Magnet	Ferrite
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	2.5 in.	+/- 0.020"
CD	Cutout Diameter	2.3 in.	+/- 0.020"
MG	Magnet Diameter	2.1 in.	+/- 0.050"
HD	Hole Diameter	0.17 in.	+/- 0.010"
MD	Mounting Diameter	2.91 in.	+/- 0.010"
ID	Internal Depth	1.1 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	204.0 g	

