

# Specification Sheet

Model # RDC35S-16A



# MISCO®

## Key Features:

- 3 X 5" (77 X 127 mm), 16 ohm
- Voice Range, 4 watt
- Ferrite magnet, paper cone
- RoHS Compliant;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	3.0 x 5.0	inch
	77.0 x 127.0	mm
Rated Impedance	16	ohms
Rated Power	4.0	Watts
Program Power	8	Watts
Frequency Range	300 - 7000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	89	dB SPL
Voice Coil Diameter	0.7 / 17.8	inch / mm
Magnet Weight	2.4 / 68	oz / gr
Transformer		

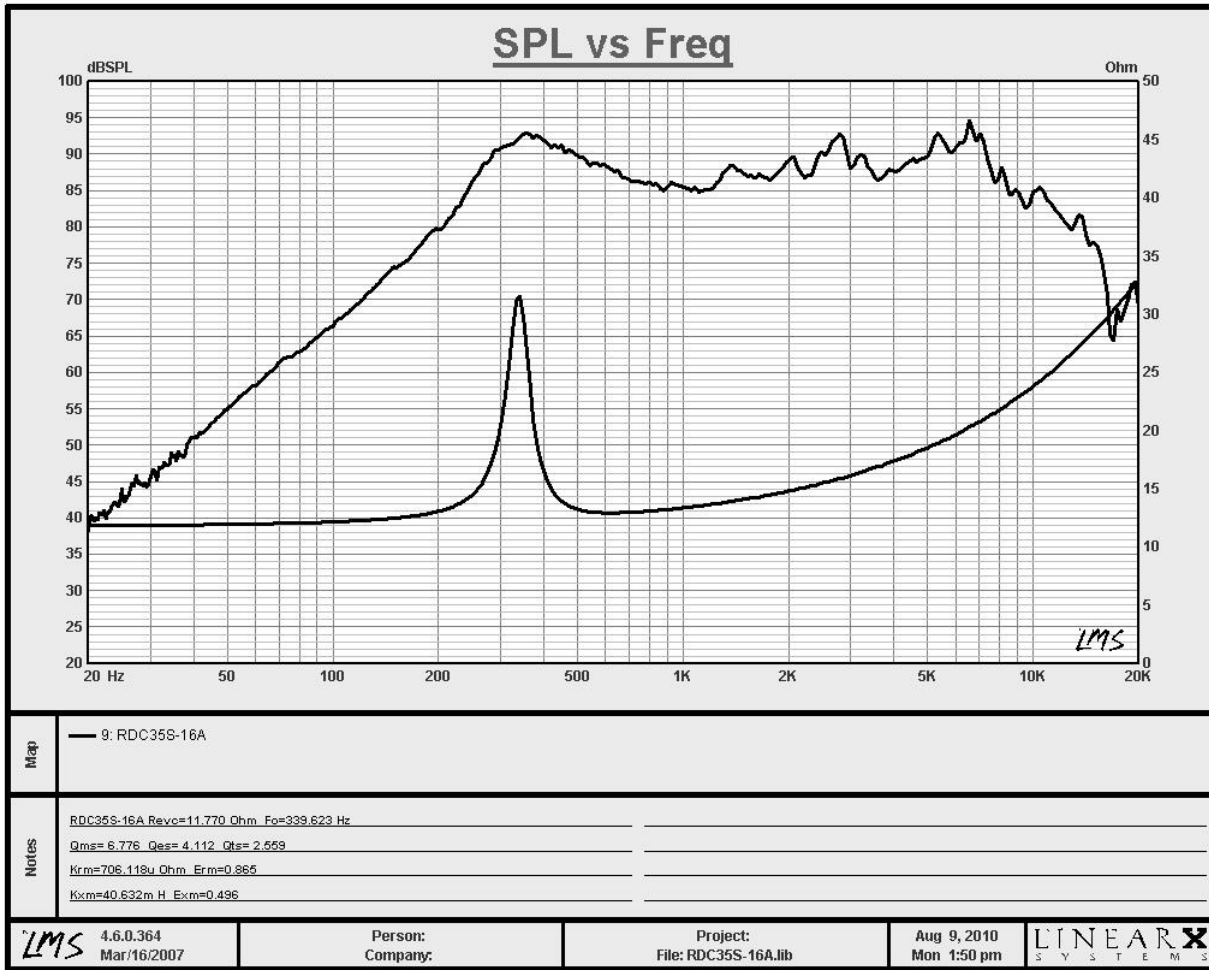
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	340	Hz
D.C. Resistance (Re)	12.0	ohms
Mechanical Q (Qms)	6.8	
Electrical Q (Qes)	4.11	
Total Q (Qts)	2.56	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	1.3	mm
Surface Area of Cone (Sd)		cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	0.19 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Water Resistant Paper
Cone Edge	Paper
Dust Cap	Paper

## Sensitivity / Frequency



## Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	5.0 in.	+/- 0.020"
CD	Cutout Diameter	4.7 in.	+/- 0.020"
MG	Magnet Diameter	2.1 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	2.6 in.	+/- 0.010"
ID	Internal Depth	1.4 in.	+/- 0.025"
FT	Flange Thickness	0.12 in.	+/- 0.050"
NW	Net Weight	219.0 g	

