

Specification Sheet

Model # RDC32FBS-45



MISCO®

Key Features:

- 3.5" (87 mm), 45 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	3.5	inch
	87.0	mm
Rated Impedance	45	ohms
Rated Power	4.0	Watts
Program Power	8	Watts
Frequency Range	220 - 9000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	90	dB SPL
Voice Coil Diameter	0.7 / 17.8	inch / mm
Magnet Weight	2.4 / 68	oz / gr
Transformer		

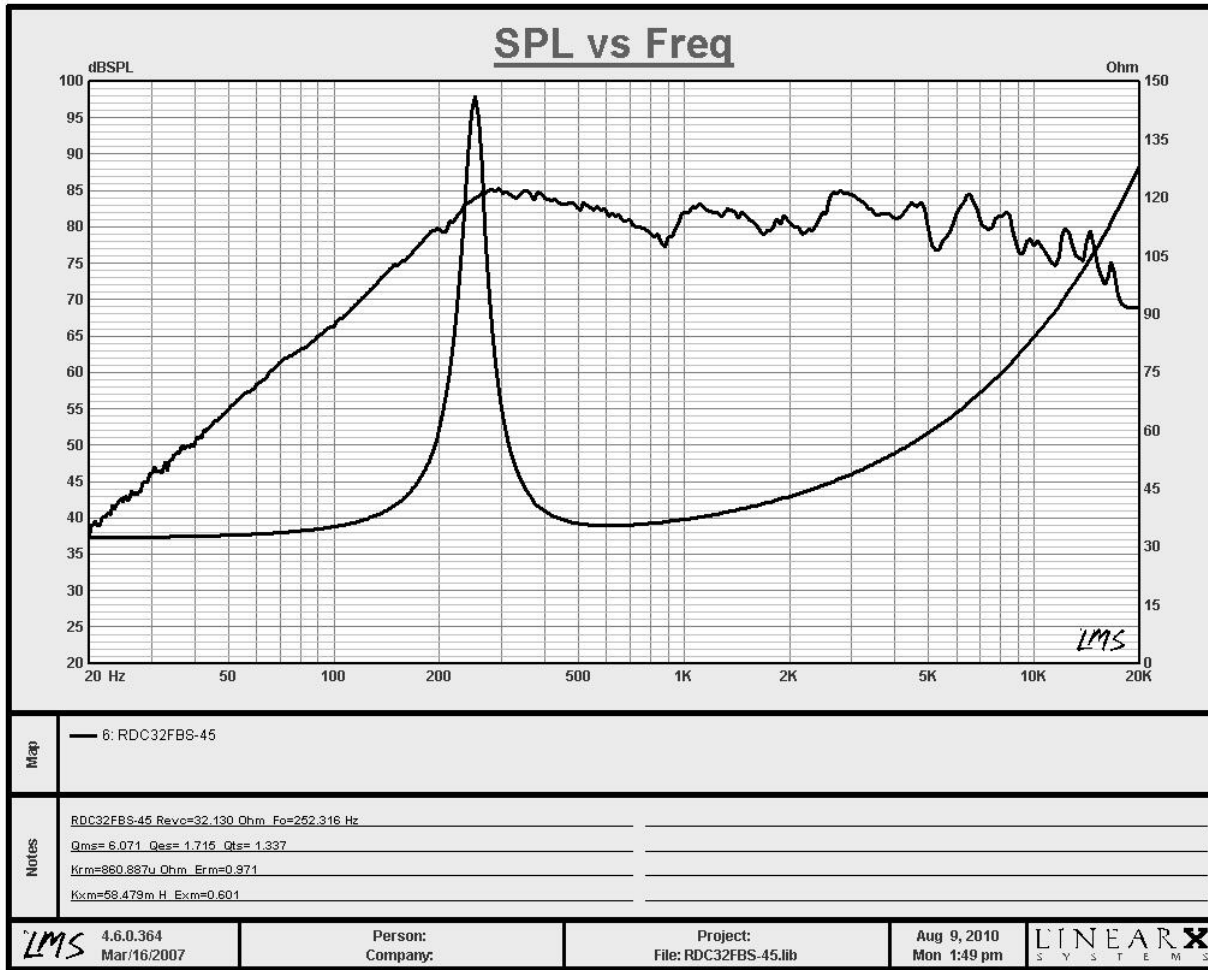
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	252	Hz
D.C. Resistance (Re)	35.5	ohms
Mechanical Q (Qms)	6.1	
Electrical Q (Qes)	1.72	
Total Q (Qts)	1.34	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	1.1	mm
Surface Area of Cone (Sd)		cm2
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	Paper
Cone Edge	Paper
Dust Cap	Felt

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	3.5 in.	+/- 0.020"
CD	Cutout Diameter	3.1 in.	+/- 0.020"
MG	Magnet Diameter	2.1 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	3.9 in.	+/- 0.010"
ID	Internal Depth	1.2 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	209.0 g	

