

Specification Sheet

Model # DC35F



MISCO®

Key Features:

- 3 X 5" (77 X 127mm), 8 ohm
- Full Range, 6 watts
- Ferrite magnet, paper cone with polyether foam surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	3.0 x 5.0	inch
	77.0 x 127.0	mm
Rated Impedance	8	ohms
Rated Power	6.0	Watts
Program Power	12	Watts
Frequency Range	90 - 15000	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		

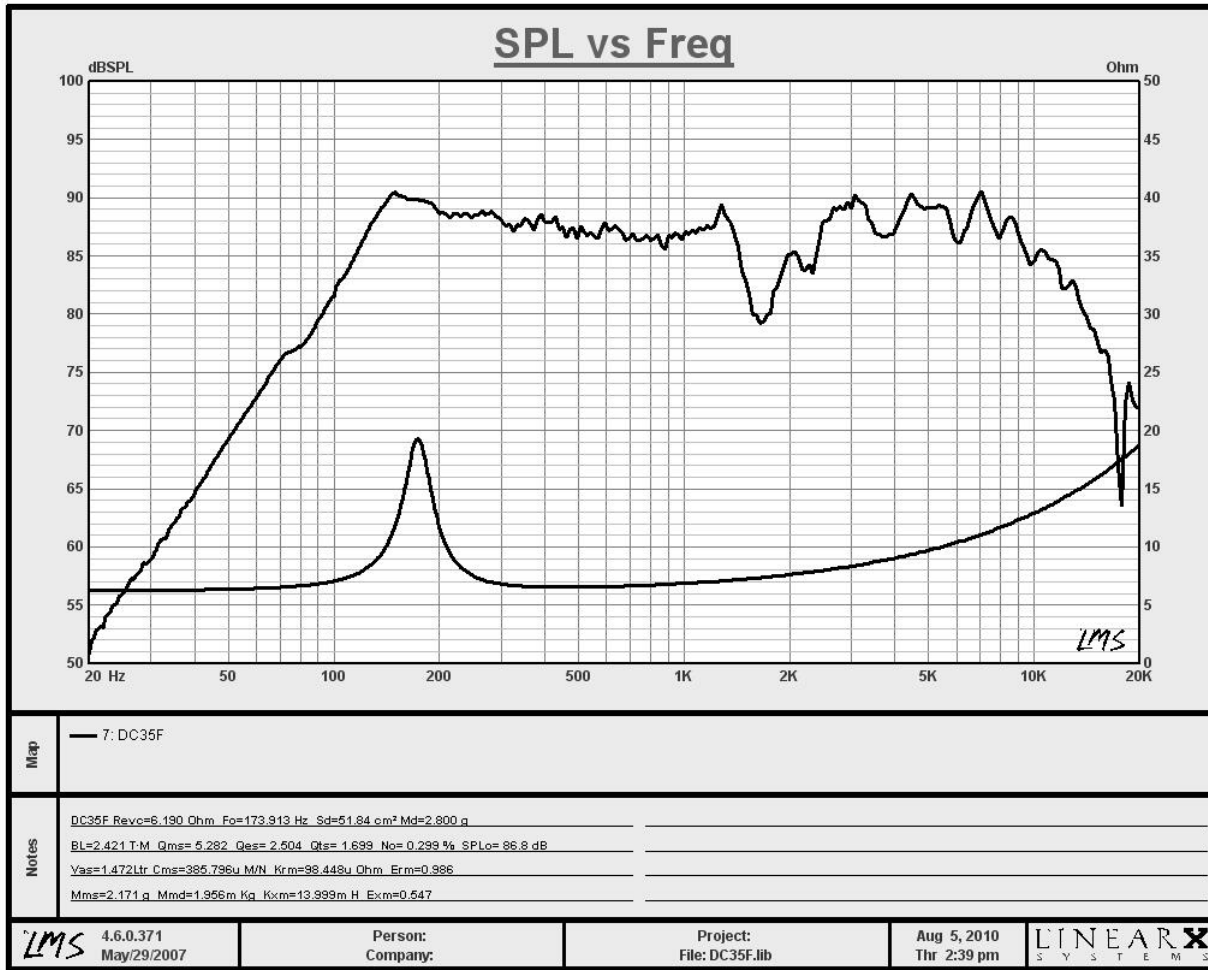
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	174	Hz
D.C. Resistance (Re)	6.2	ohms
Mechanical Q (Qms)	5.3	
Electrical Q (Qes)	2.5	
Total Q (Qts)	1.7	
Compliance Equivalent Volume (Vas)	1.47	ltr
BL Product (BL)	2.42	T-M
Maximum Linear Excursion (Xmax)	0.9	mm
Surface Area of Cone (Sd)	52.0	cm ²
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	Polyether Foam
Dust Cap	Felt

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	1.3 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	228.0 g	

