

Specification Sheet

Model # DC22S-45



MISCO®

Key Features:

- 2.5" (66mm), 45 ohm
- Voice Range, 4 watts
- Ferrite magnet, paper cone;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	2.5	inch
	66.0	mm
Rated Impedance	45	ohms
Rated Power	4.0	Watts
Program Power	8	Watts
Frequency Range	260 - 8000	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		

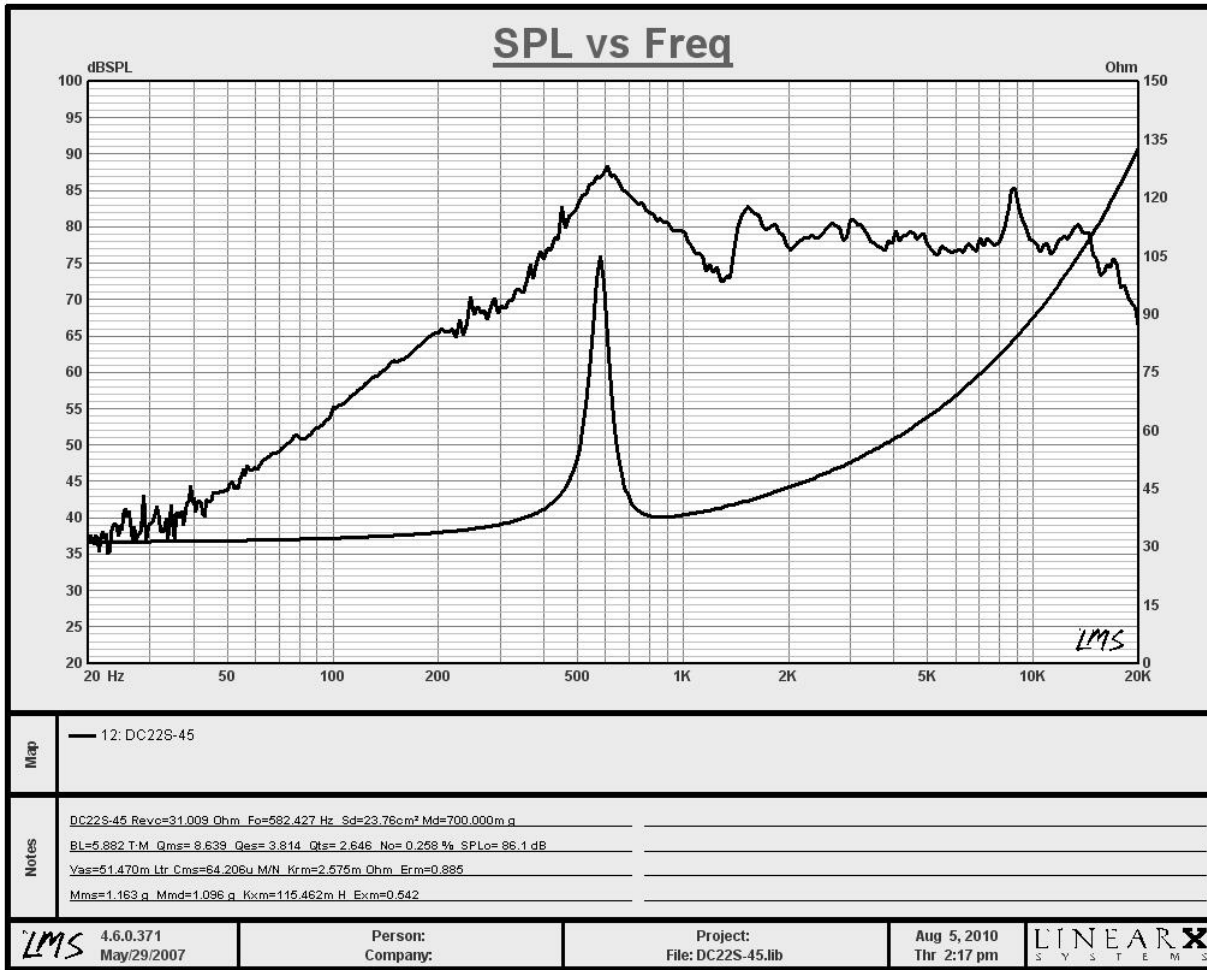
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	582	Hz
D.C. Resistance (Re)	35.5	ohms
Mechanical Q (Qms)	8.6	
Electrical Q (Qes)	3.81	
Total Q (Qts)	2.65	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	1.1	mm
Surface Area of Cone (Sd)		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	Paper
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	2.9 in.	+/- 0.010"
ID	Internal Depth	1.1 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	211.0 g	

