

Specification Sheet

Model # DC23S



Key Features:

- 2.0 X 3.7" (50 X 70mm), 8 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	2.0 x 3.7	inch
	50.0 x 95.0	mm
Rated Impedance	8	ohms
Rated Power	4	Watts
Program Power	8	Watts
Frequency Range	250 - 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

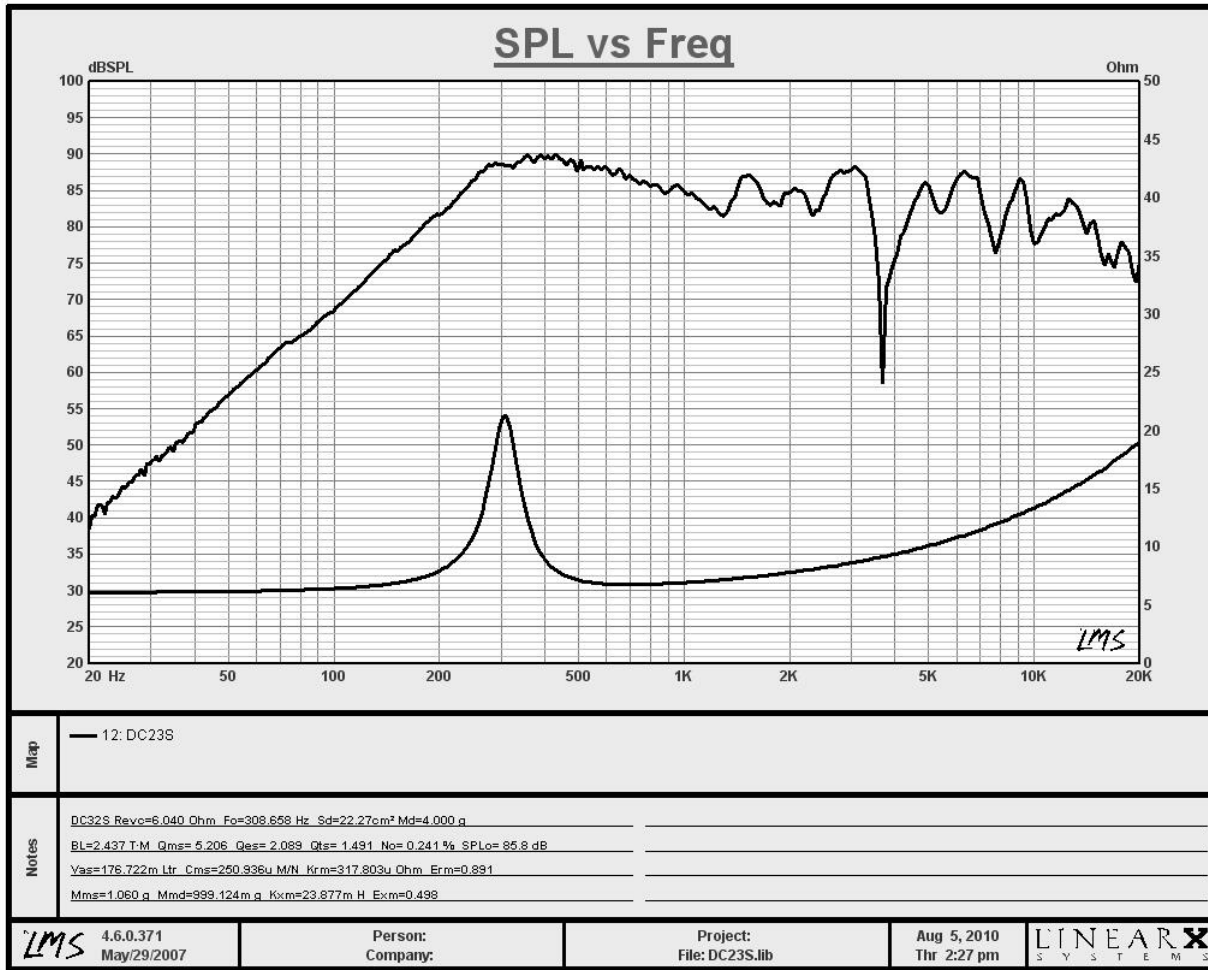
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	309	Hz
D.C. Resistance (Re)	6.3	ohms
Mechanical Q (Qms)	5.2	
Electrical Q (Qes)	2.09	
Total Q (Qts)	1.49	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	0.9	mm
Surface Area of Cone (Sd)		cm ²

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	3.7 in.	+/- 0.020"
CD	Cutout Diameter	3.5 in.	+/- 0.020"
MG	Magnet Diameter	2.1 in.	+/- 0.050"
HD	Hole Diameter	0.19 in.	+/- 0.010"
MD	Mounting Diameter	1.5 in.	+/- 0.010"
ID	Internal Depth	1.0 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	200.0 g	

