

Specification Sheet

Model # 100SF08-3



Key Features:

- 4" (100 mm), 8 ohm
- Full Range, 20 watt
- Ferrite magnet, paper cone with Polyether foam surround
- RoHS Compliant;



Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

Technical Specifications

	Units of Measure	
Nominal Basket Diameter	4.0	inch
	100.0	mm
Rated Impedance	8	ohms
Rated Power	20	Watts
Program Power	40	Watts
Frequency Range	100 - 15000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	86	dB SPL
Voice Coil Diameter	0.7 / 17.8	inch / mm
Magnet Weight	10.0 / 284	oz / gr

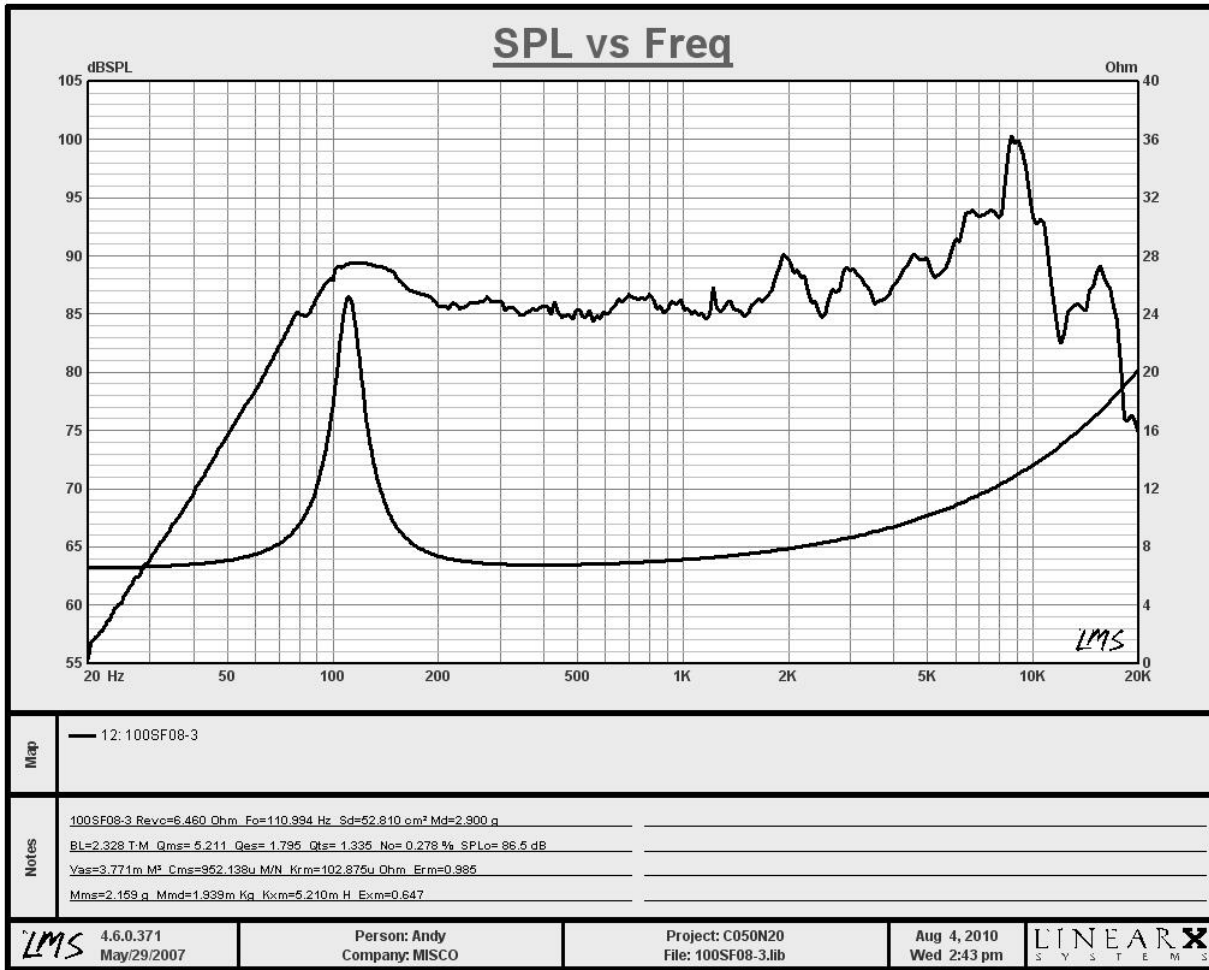
Small Signal Parameters

	Units of Measure	
Resonant Frequency (fo)	95	Hz
D.C. Resistance (Re)	6.8	ohms
Mechanical Q (Qms)	5.2	
Electrical Q (Qes)	1.8	
Total Q (Qts)	1.34	
Compliance Equivalent Volume (Vas)	3.8	ltr
BL Product (BL)	2.3	T-M
Maximum Linear Excursion (Xmax)	1.0	mm
Surface Area of Cone (Sd)	53.0	cm ²

Material Descriptions

Basket	Stamped Steel
Terminal Size	.205 X .020 / .110 X .020
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Paper
Cone	Paper
Cone Edge	Polyether Foam
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	4.0 in.	+/- 0.020"
CD	Cutout Diameter	3.7 in.	+/- 0.020"
MG	Magnet Diameter	2.4 in.	+/- 0.050"
HD	Hole Diameter	0.16 in.	+/- 0.010"
MD	Mounting Diameter	4.5 in.	+/- 0.010"
ID	Internal Depth	1.8 in.	+/- 0.025"
FT	Flange Thickness	0.2 in.	+/- 0.050"
NW	Net Weight	307.0 g	

