

Specification Sheet

Model # SMB-80P



MISCO®

Key Features:

- 8" (205mm), 4 ohm
- Mid Bass Woofer, 50 watts
- Ferrite magnet, black talc filled polypropylene cone with Santoprene rubber surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	8.0	inch
	205.0	mm
Rated Impedance	4	ohms
Rated Power	50.0	Watts
Program Power	100	Watts
Frequency Range	55 -10000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	88	dB SPL
Voice Coil Diameter	1.5 / 38.1	inch / mm
Magnet Weight	20.0 / 568	oz / gr
Transformer		

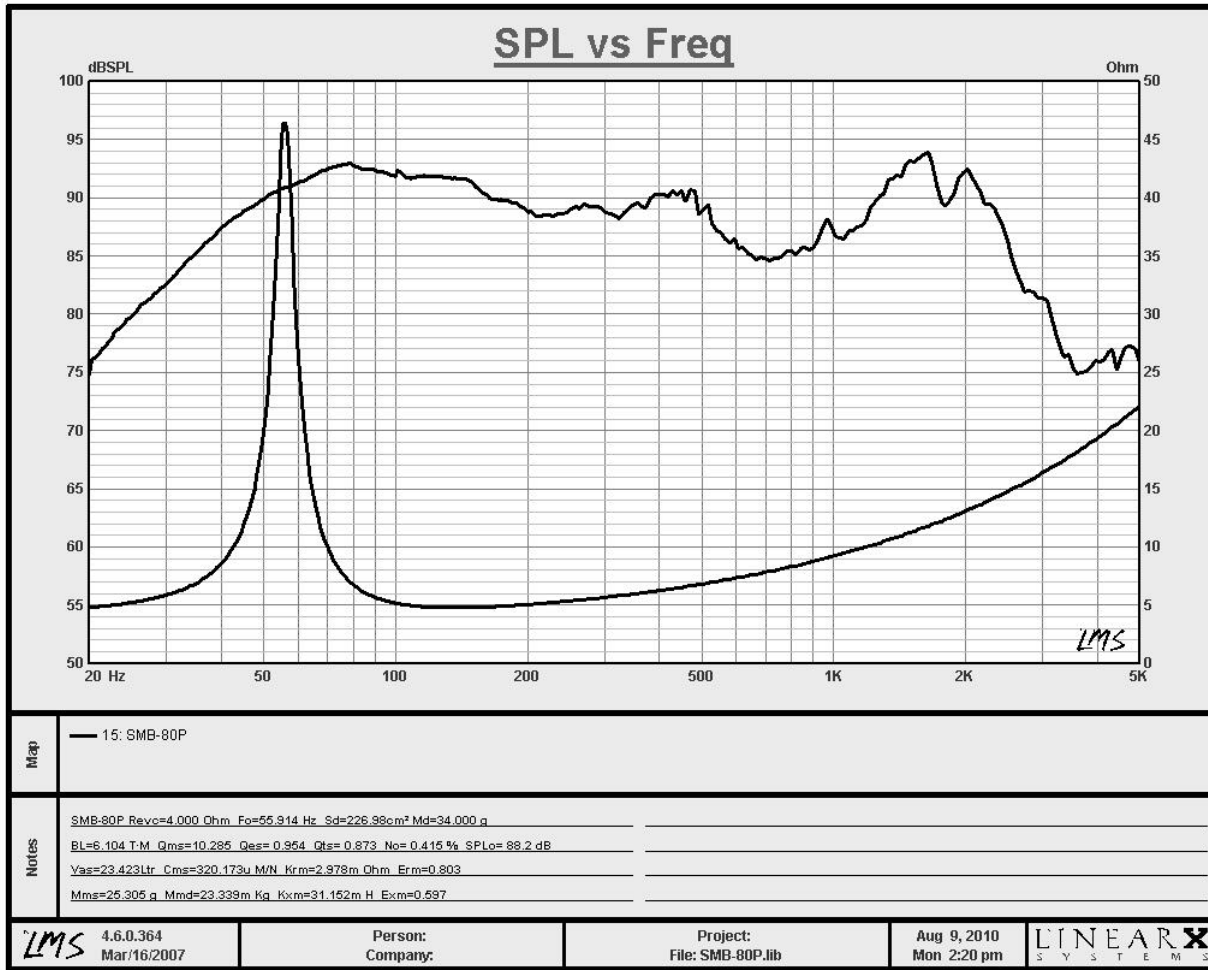
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	56	Hz
D.C. Resistance (Re)	4.0	ohms
Mechanical Q (Qms)	10.3	
Electrical Q (Qes)	0.95	
Total Q (Qts)	0.87	
Compliance Equivalent Volume (Vas)	23.4	ltr
BL Product (BL)	6.1	T-M
Maximum Linear Excursion (Xmax)	6.3	mm
Surface Area of Cone (Sd)	227.0	cm2
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.25 X 0.03 / 0.19 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Kapton
Cone	Black Talc Filled Polypropylene
Cone Edge	Santoprene Rubber
Dust Cap	Plastic

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	8.2 in.	+/- 0.020"
CD	Cutout Diameter	7.2 in.	+/- 0.020"
MG	Magnet Diameter	4.5 in.	+/- 0.050"
HD	Hole Diameter	0.4 in.	+/- 0.010"
MD	Mounting Diameter	7.8 in.	+/- 0.010"
ID	Internal Depth	3.6 in.	+/- 0.025"
FT	Flange Thickness	0.18 in.	+/- 0.050"
NW	Net Weight	2279.0 g	

