

# Specification Sheet

Model # LC62MB-8B



# MISCO®

### Key Features:

- 6.5" (165mm), 8 ohm
- Mid Bass Woofer, 100 watts
- Ferrite magnet, black talc filled polypropylene cone with Santoprene rubber edge;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	6.5	inch
	165.0	mm
Rated Impedance	8	ohms
Rated Power	100.0	Watts
Program Power	200	Watts
Frequency Range	60 - 5000 Hz	
Sensitivity (2.83 V input measured at 1 Meter)	86	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)	60	Hz
D.C. Resistance (Re)	5.1	ohms
Mechanical Q (Qms)	4.5	
Electrical Q (Qes)	0.68	
Total Q (Qts)	0.59	
Compliance Equivalent Volume (Vas)	11.76	ltr
BL Product (BL)	6.5	T-M
Maximum Linear Excursion (Xmax)	2.9	mm
Surface Area of Cone (Sd)		cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	.205 X 0.020
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Black Talc Filled Polypropylene
Cone Edge	Santoprene Rubber
Dust Cap	Plastic

# Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	6.6 in.	+/- 0.040"
CD	Cutout Diameter	5.6 in.	+/- 0.030"
MG	Magnet Diameter	4.6 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.020"
MD	Mounting Diameter	6.1 in.	+/- 0.020"
ID	Internal Depth	3.0 in.	Maximum
FT	Flange Thickness	0.17 in.	+/- 0.050"
NW	Net Weight	2200.0 gr.	

