

Specification Sheet

Model # LC12WF-8B



MISCO®

Key Features:

- 12" (304mm), 8 ohm
- Woofer, 50 watts
- Ferrite magnet, black talc filled polypropylene cone with polyether foam surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	12.0	inch
	304.0	mm
Rated Impedance	8	ohms
Rated Power	50.0	Watts
Program Power	100	Watts
Frequency Range	20 - 4000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	87	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)	22	Hz
D.C. Resistance (Re)	5.9	ohms
Mechanical Q (Qms)	5.4	
Electrical Q (Qes)	0.88	
Total Q (Qts)	0.76	
Compliance Equivalent Volume (Vas)	303.0	ltr
BL Product (BL)	7.7	T-M
Maximum Linear Excursion (Xmax)	3.7	mm
Surface Area of Cone (Sd)		cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 x 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Black Talc Filled Polypropylene
Cone Edge	Polyether Foam
Dust Cap	None

Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	12.2 in.	+/- 0.040"
CD	Cutout Diameter	11.1 in.	+/- 0.030"
MG	Magnet Diameter	4.6 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.020"
MD	Mounting Diameter	11.7 in.	+/- 0.020"
ID	Internal Depth	5.2 in.	Maximum
FT	Flange Thickness	0.22 in.	+/- 0.050"
NW	Net Weight	2731.0 gr.	

