

# Specification Sheet

Model # LC12WF-8A



## 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)	92	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)	20	Hz
D.C. Resistance (Re)	6.2	ohms
Mechanical Q (Qms)	4.0	
Electrical Q (Qes)	0.54	
Total Q (Qts)	0.47	
Compliance Equivalent Volume (Vas)	357.0	ltr
BL Product (BL)	8.9	T-M
Maximum Linear Excursion (Xmax)	3.7	mm
Surface Area of Cone (Sd)		cm <sup>2</sup>
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	Felt

# 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.	

