

Specification Sheet

Model # OOC12WF-4-4B



MISCO®

Key Features:

- 12" (304mm), Cast Aluminum, Dual 4 ohm
- Woofer, 100 watts
- Ferrite magnet, Paper cone with foam surround
- Tinsel leads sewn into spider
- Parameters shown are coils in Series
- RoHS compliant

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	12.0	inch
	304.0	mm
Rated Impedance	4	ohms
Rated Power	100.0	Watts
Program Power	200	Watts
Frequency Range	20 - 200	Hz
Sensitivity (2.83 V input measured at 1 Meter)	90	dB SPL
Voice Coil Diameter	2.0 / 50.8	inch / mm
Magnet Weight	38.0 / 1079	oz / gr
Transformer		

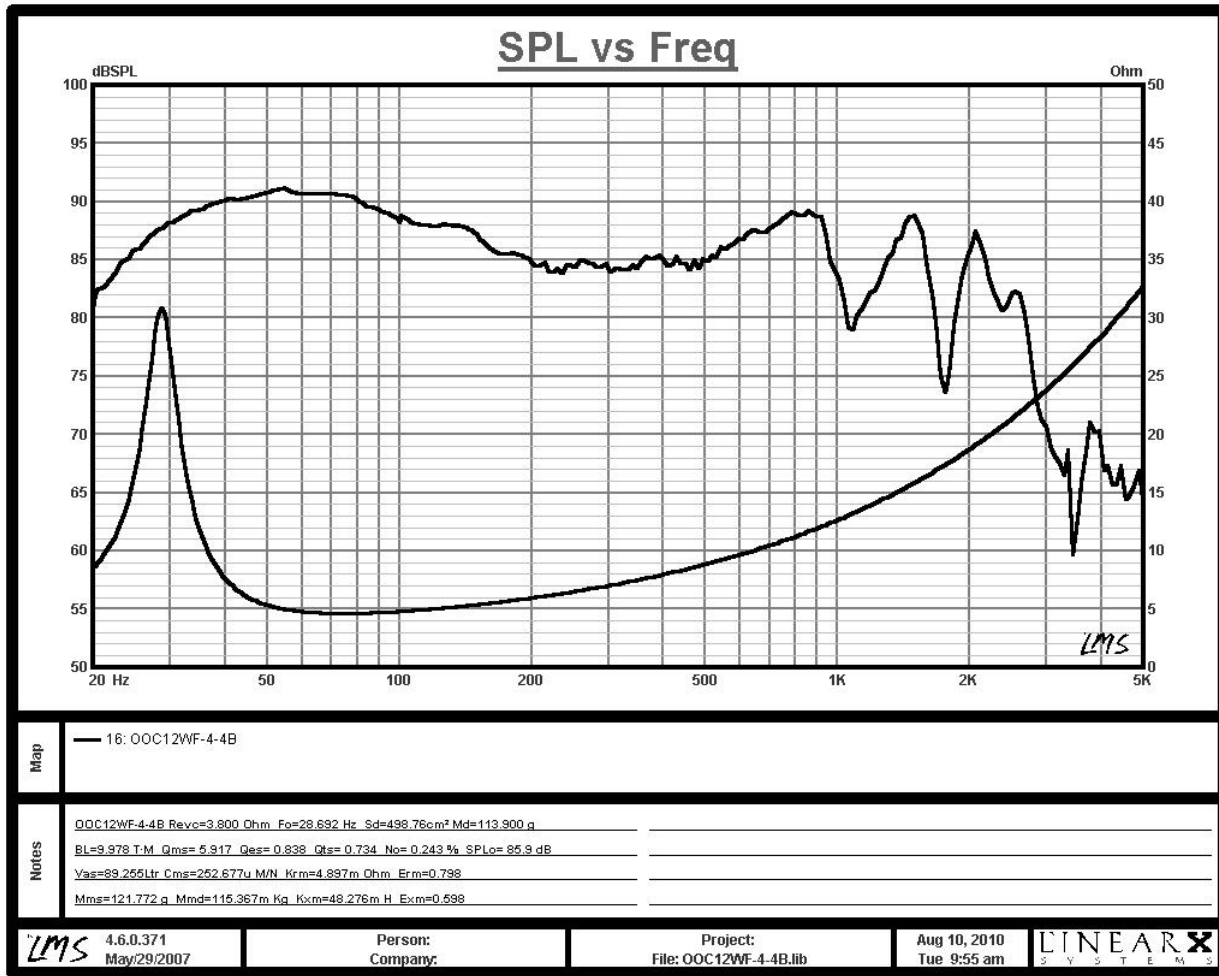
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	29	Hz
D.C. Resistance (Re)	7.3	ohms
Mechanical Q (Qms)	5.3	
Electrical Q (Qes)	0.38	
Total Q (Qts)	0.36	
Compliance Equivalent Volume (Vas)	98.0	ltr
BL Product (BL)	20.0	T-M
Maximum Linear Excursion (Xmax)	17.7	mm
Surface Area of Cone (Sd)	499.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Cast Aluminum
Terminal Size	Gold Terminal Posts
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Paper
Cone Edge	Polyether Foam
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	12.5 in.	+/- 0.020"
CD	Cutout Diameter	11.0 in.	+/- 0.020"
MG	Magnet Diameter	5.3 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	11.7 in.	+/- 0.010"
ID	Internal Depth	5.6 in.	+/- 0.025"
FT	Flange Thickness	0.66 in.	+/- 0.050"
NW	Net Weight	5994.0 g	

