

Specification Sheet

Model # OC12W-8D



MISCO®

Key Features:

- 12" (304 mm), 8 ohm
- Woofer, 100 watts
- Ferrite magnet, polypropylene cone with rubber surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	12.0	inch
	304.0	mm
Rated Impedance	8	ohms
Rated Power	100.0	Watts
Program Power	200	Watts
Frequency Range	50- 2000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	88	dB SPL
Voice Coil Diameter	2.0 / 50.8	inch / mm
Magnet Weight	38.0 / 1079	oz / gr
Transformer		

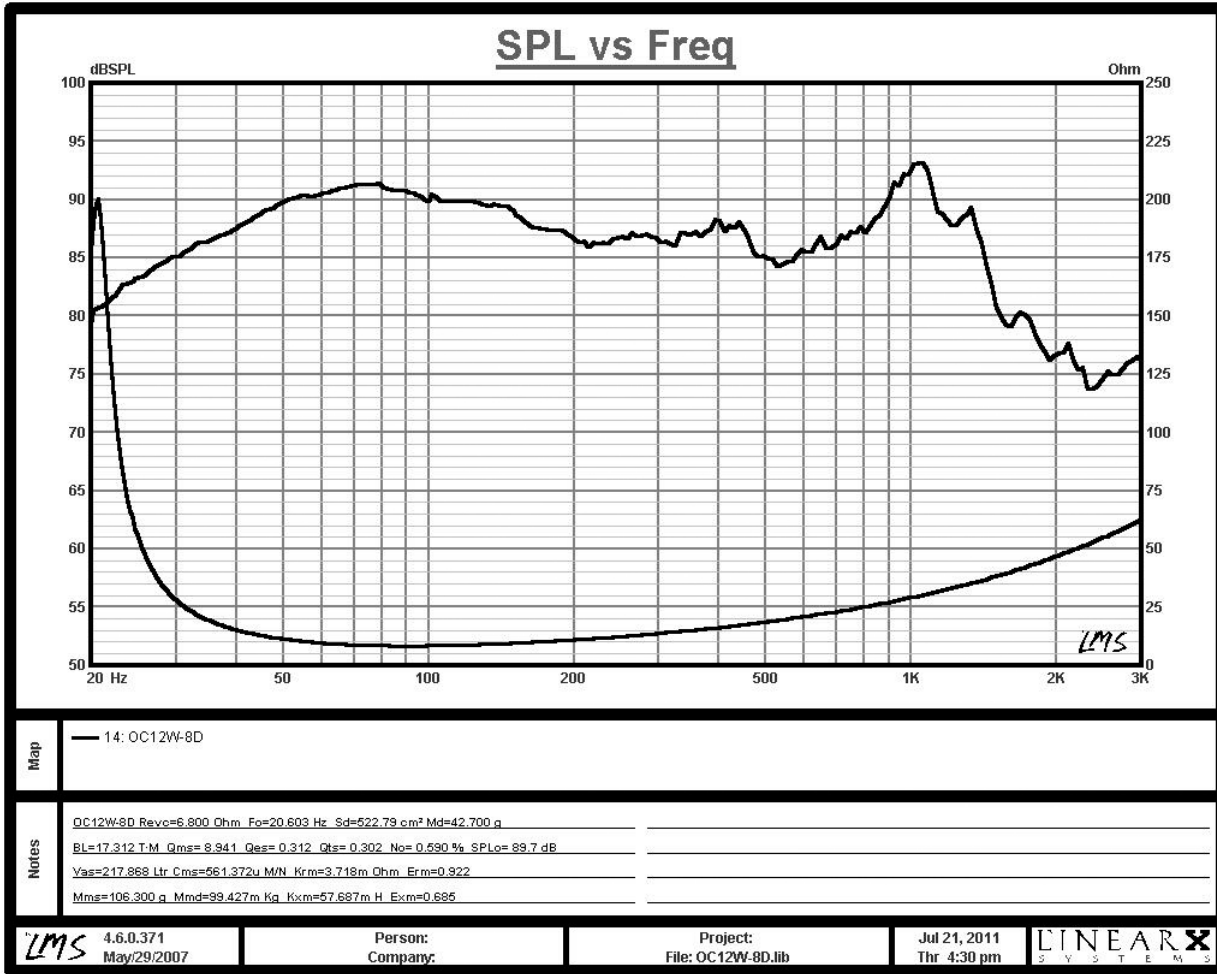
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	21	Hz
D.C. Resistance (Re)	6.8	ohms
Mechanical Q (Qms)	8.9	
Electrical Q (Qes)	0.31	
Total Q (Qts)	0.3	
Compliance Equivalent Volume (Vas)	217.9	ltr
BL Product (BL)	17.3	T-M
Maximum Linear Excursion (Xmax)	7.7	mm
Surface Area of Cone (Sd)	523.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Cast Aluminum
Terminal Size	0.205 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Kapton
Cone	Black Talc Filled Polypropylene
Cone Edge	Rubber
Dust Cap	Polypropylene

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	12.2 in.	+/- 0.020"
CD	Cutout Diameter	11.0 in.	+/- 0.020"
MG	Magnet Diameter	5.3 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.010"
MD	Mounting Diameter	11.7 in.	+/- 0.010"
ID	Internal Depth	5.3 in.	+/- 0.025"
FT	Flange Thickness	0.23 in.	+/- 0.050"
NW	Net Weight	4095.0 g	

