

# Specification Sheet

Model # OC12W-8C



## MISCO®

### Key Features:

- 12" (304mm), Cast Aluminum Woofer
- 8 ohm, 100 watts
- 40 oz 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	25 - 1,500	Hz
Sensitivity (2.83 V input measured at 1 Meter)	91	dB SPL
Voice Coil Diameter	2.0 / 50.8	inch / mm
Magnet Weight	38.0 / 1079	oz / gr
Transformer		

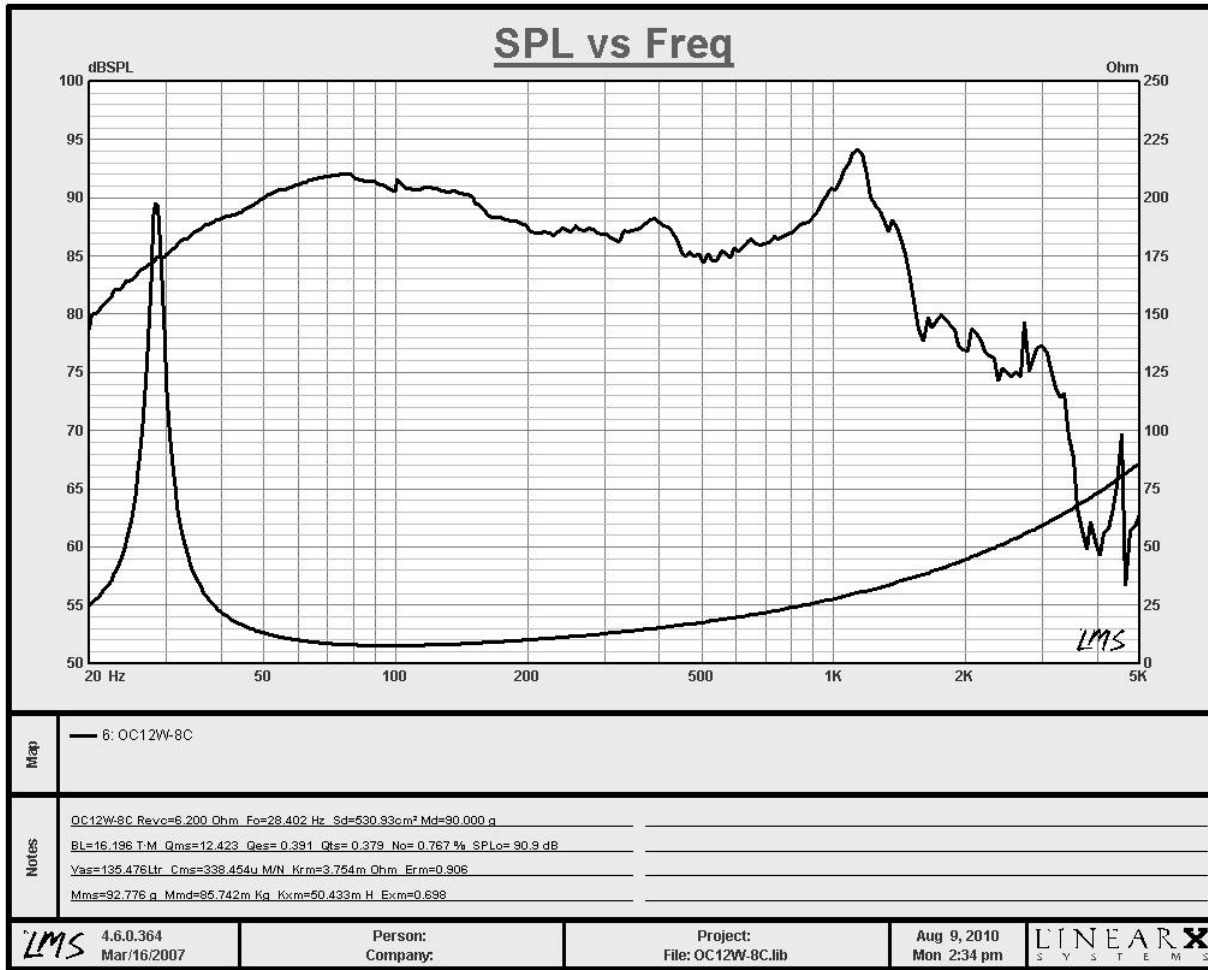
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	28	Hz
D.C. Resistance (Re)	6.2	ohms
Mechanical Q (Qms)	12.4	
Electrical Q (Qes)	0.39	
Total Q (Qts)	0.38	
Compliance Equivalent Volume (Vas)	135.5	ltr
BL Product (BL)	16.2	T-M
Maximum Linear Excursion (Xmax)	7.7	mm
Surface Area of Cone (Sd)	531.0	cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Cast Aluminum
Terminal Size	Gold Terminal Posts
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Kapton
Cone	Black Talc Filled Polypropylene
Cone Edge	Rubber
Dust Cap	Plastic

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	12.3 in.	+/- 0.020"
CD	Cutout Diameter	11.0 in.	+/- 0.020"
MG	Magnet Diameter	5.3 in.	+/- 0.050"
HD	Hole Diameter	0.25 in.	+/- 0.010"
MD	Mounting Diameter	11.7 in.	+/- 0.010"
ID	Internal Depth	5.0 in.	+/- 0.025"
FT	Flange Thickness	0.37 in.	+/- 0.050"
NW	Net Weight	4458.0 g	

