

# Specification Sheet

Model # OC10W-8A



# MISCO®

## Key Features:

- 10" (250mm), 8 ohm
- Woofer, 100 watts
- Ferrite magnet, paper cone with natural rubber surround;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	10.0	inch
	250.0	mm
Rated Impedance	8	ohms
Rated Power	100.0	Watts
Program Power	200	Watts
Frequency Range	25 - 1000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	87	dB SPL
Voice Coil Diameter	2.0 / 50.8	inch / mm
Magnet Weight	40.0 / 1136	oz / gr
Transformer		

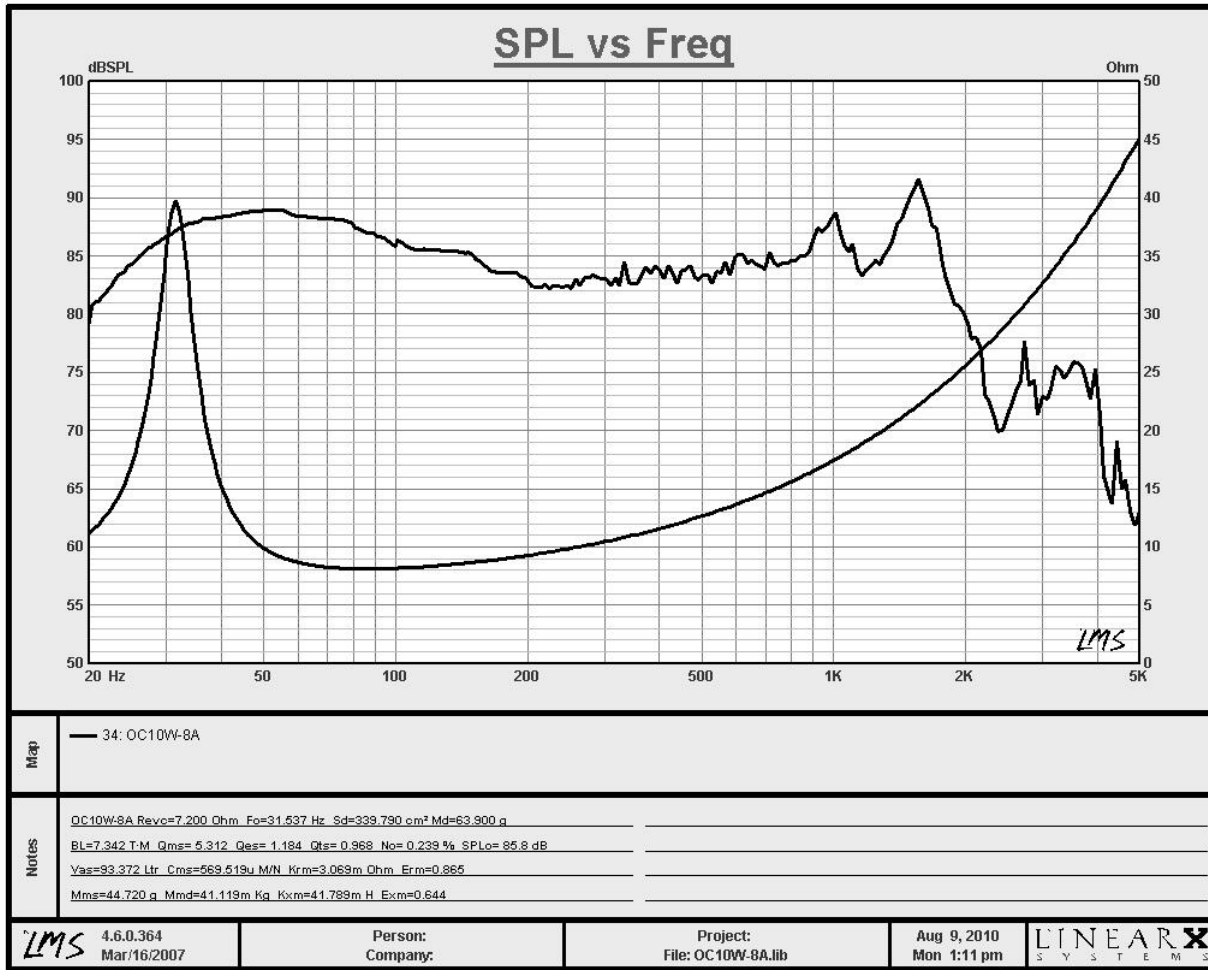
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	32	Hz
D.C. Resistance (Re)	7.3	ohms
Mechanical Q (Qms)	5.3	
Electrical Q (Qes)	1.18	
Total Q (Qts)	0.97	
Compliance Equivalent Volume (Vas)	93.4	ltr
BL Product (BL)	7.3	T-M
Maximum Linear Excursion (Xmax)	8.6	mm
Surface Area of Cone (Sd)	340.0	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	Kapton
Cone	Paper
Cone Edge	Natural Rubber
Dust Cap	Felt

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	10.1 in.	+/- 0.020"
CD	Cutout Diameter	9.1 in.	+/- 0.020"
MG	Magnet Diameter	5.3 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	9.7 in.	+/- 0.010"
ID	Internal Depth	4.6 in.	+/- 0.025"
FT	Flange Thickness	0.18 in.	+/- 0.050"
NW	Net Weight	3819.0 g	

