

# Specification Sheet

Model # OC10W-8B



## MISCO®

### Key Features:

- 10" (250mm), 8 ohm
- Woofer, 100 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	10.0	inch
	250.0	mm
Rated Impedance	8	ohms
Rated Power	100.0	Watts
Program Power	200	Watts
Frequency Range	20 - 2000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	93	dB SPL
Voice Coil Diameter	2.0 / 50.8	inch / mm
Magnet Weight	40.0 / 1136	oz / gr
Transformer		

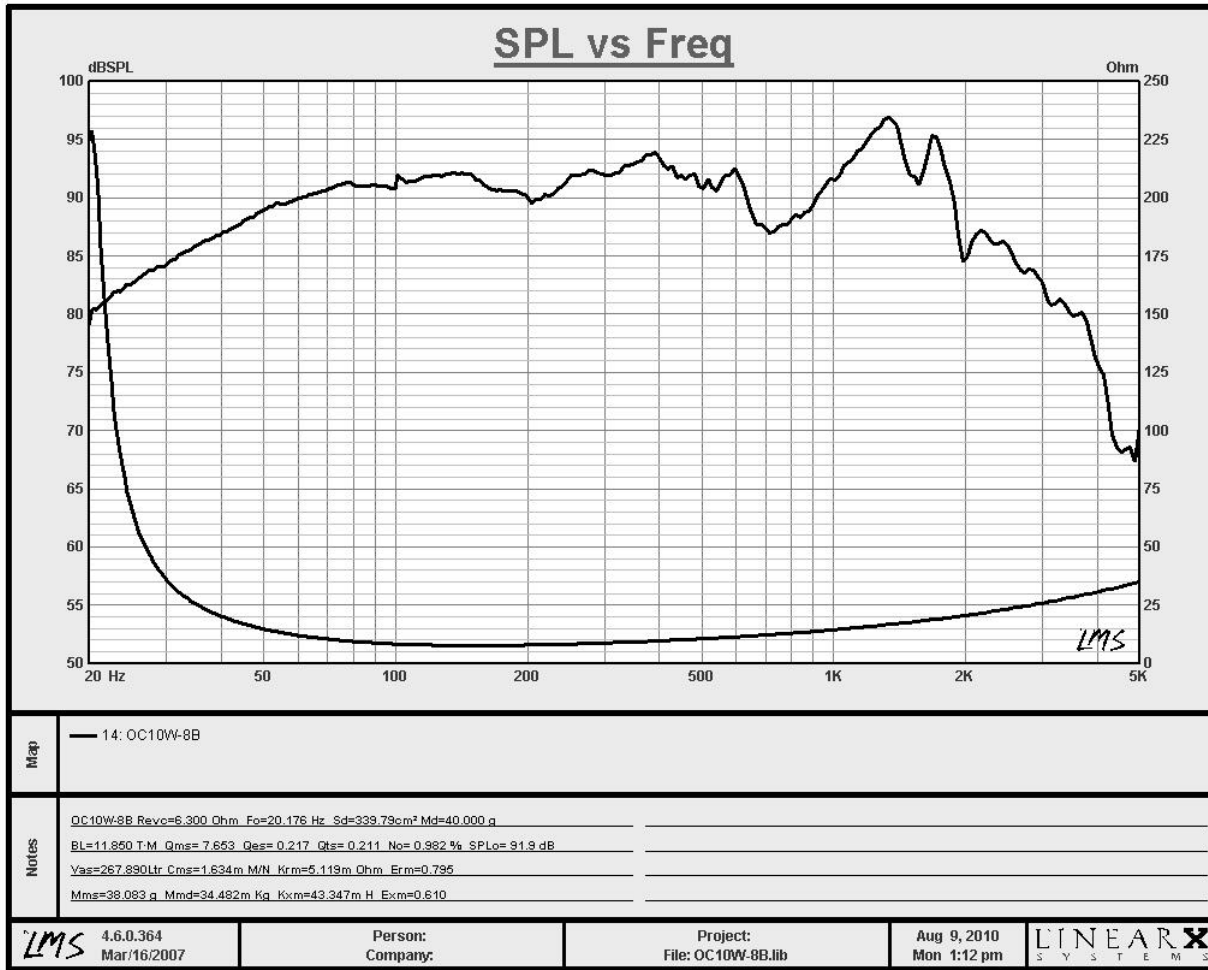
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	23	Hz
D.C. Resistance (Re)	5.7	ohms
Mechanical Q (Qms)	7.2	
Electrical Q (Qes)	0.2	
Total Q (Qts)	0.19	
Compliance Equivalent Volume (Vas)	233.0	ltr
BL Product (BL)	11.9	T-M
Maximum Linear Excursion (Xmax)	7.8	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	Black Talc Filled Polypropylene
Cone Edge	Polyether Foam
Dust Cap	Plastic

# 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	

