

Specification Sheet

Model # OC10WF-8A



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)	92	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)	6.2	ohms
Mechanical Q (Qms)	7.9	
Electrical Q (Qes)	0.27	
Total Q (Qts)	0.26	
Compliance Equivalent Volume (Vas)	248.0	ltr
BL Product (BL)	10.3	T-M
Maximum Linear Excursion (Xmax)	7.8	mm
Surface Area of Cone (Sd)		cm ²
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	Felt

Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	10.1 in.	+/- 0.040"
CD	Cutout Diameter	9.1 in.	+/- 0.030"
MG	Magnet Diameter	5.3 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.020"
MD	Mounting Diameter	9.7 in.	+/- 0.020"
ID	Internal Depth	4.6 in.	Maximum
FT	Flange Thickness	0.18 in.	+/- 0.050"
NW	Net Weight	3620.0 gr.	

