

Specification Sheet

Model # EC32RD-8B



MISCO®

Key Features:

- 3.5" (87mm), 8 ohm
- Full Range, 10 watt
- Ferrite magnet, black talc filled Polypropylene cone with natural rubber edge;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	3.5	inch
	87.0	mm
Rated Impedance	8	ohms
Rated Power	10.0	Watts
Program Power	20	Watts
Frequency Range	70 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	82	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	3.0 / 85	oz / gr
Transformer		

Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	80	Hz
D.C. Resistance (Re)	6.4	ohms
Mechanical Q (Qms)	2.9	
Electrical Q (Qes)	1.4	
Total Q (Qts)	0.94	
Compliance Equivalent Volume (Vas)	2.8	ltr
BL Product (BL)	2.5	T-M
Maximum Linear Excursion (Xmax)	0.4	mm
Surface Area of Cone (Sd)	37.0	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	Aluminum
Cone	Black Talc Filled Polypropylene
Cone Edge	Natural Rubber
Dust Cap	Mylar Whizzer

Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	3.4 in.	+/- 0.040"
CD	Cutout Diameter	3.0 in.	+/- 0.030"
MG	Magnet Diameter	2.4 in.	+/- 0.050"
HD	Hole Diameter	0.4 in.	+/- 0.020"
MD	Mounting Diameter	3.9 in.	+/- 0.020"
ID	Internal Depth	1.4 in.	Maximum
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	310.0 gr.	

