

Specification Sheet

Model # EN4FR-1000A

MISCO
Minneapolis Speaker Company



Key Features:

- 4" (100 mm), 1075 ohm
- Voice Range, 4 watt
- Neodymium magnet, flame retardant paper cone light weight 70 volt primary taps: 4w 2w 1w and 1/2w transformeless speaker;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.0	inch
	100.0	mm
Rated Impedance	1075	ohms
Rated Power	4	Watts
Program Power	8	Watts
Frequency Range	200 - 6000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	92	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	0.4 / 12	oz / gr

Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	250	Hz
D.C. Resistance (Re)	1075.0	ohms
Mechanical Q (Qms)		
Electrical Q (Qes)		
Total Q (Qts)		
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	1.3	mm
Surface Area of Cone (Sd)		cm ²

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 X 0.02
Magnet	Neodymium
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Flame Retardant Paper
Cone Edge	Paper
Dust Cap	Paper

Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	4.1 in.	+/- 0.020"
CD	Cutout Diameter	3.8 in.	+/- 0.020"
MG	Magnet Diameter	1.1 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	4.1 in.	+/- 0.010"
ID	Internal Depth	1.1 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	100.0 gr.	

