

Specification Sheet

Model # MX-57



MISCO®

Key Features:

- 5 X 7" (127X177mm), 4 ohm
- Extended Range Music and Voice, 40 watts
- Ferrite magnet, titanium electroplated polypropylene cone with Santoprene rubber surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	5.0 x 7.0	inch
	127.0 x 177.0	mm
Rated Impedance	4	ohms
Rated Power	40.0	Watts
Program Power	80	Watts
Frequency Range	50 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	92	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	10.0 / 284	oz / gr
Transformer		

Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	60	Hz
D.C. Resistance (Re)	2.9	ohms
Mechanical Q (Qms)		
Electrical Q (Qes)	1.15	
Total Q (Qts)	0.88	
Compliance Equivalent Volume (Vas)	13.1	ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	4.7	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	Titanium Electroplated Polypropylene
Cone Edge	Santoprene Rubber
Dust Cap	Felt

Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	in.	+/- 0.040"
CD	Cutout Diameter	in.	+/- 0.030"
MG	Magnet Diameter	in.	+/- 0.050"
HD	Hole Diameter	in.	+/- 0.020"
MD	Mounting Diameter	6.3 in.	+/- 0.020"
ID	Internal Depth	in.	Maximum
FT	Flange Thickness	in.	+/- 0.050"
NW	Net Weight	gr.	

