

# Specification Sheet

Model # FC48S



## MISCO®

### Key Features:

- 4 X 8" (100 X 205mm), 8 ohm
- Full Range, 12 watts
- Ferrite magnet, paper cone with paper surround;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.0 x 8.0	inch
	100.0 x 205.0	mm
Rated Impedance	8	ohms
Rated Power	12.0	Watts
Program Power	24	Watts
Frequency Range	120 - 10000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	94	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	4.8 / 136	oz / gr
Transformer		

### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	150	Hz
D.C. Resistance (Re)	6.0	ohms
Mechanical Q (Qms)		
Electrical Q (Qes)		
Total Q (Qts)		
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	0.3	mm
Surface Area of Cone (Sd)		cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Stamped Steel
Terminal Size	0.19 x 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Paper
Cone Edge	Paper
Dust Cap	Paper

# 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	3.1 in.	+/- 0.020"
ID	Internal Depth	in.	Maximum
FT	Flange Thickness	in.	+/- 0.050"
NW	Net Weight	gr.	

