

# Specification Sheet

Model # DC32S-FR



## MISCO®

### Key Features:

- 3.5" (87mm), 8 ohm
- Voice Range, 4 watts
- Ferrite magnet, flame retardant paper cone;

## 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	4.0	Watts
Program Power	8	Watts
Frequency Range	220 - 10000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	93	dB SPL
Voice Coil Diameter	0.7 / 17.8	inch / mm
Magnet Weight	2.4 / 68	oz / gr
Transformer		

### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	249	Hz
D.C. Resistance (Re)	6.3	ohms
Mechanical Q (Qms)	7.9	
Electrical Q (Qes)	1.91	
Total Q (Qts)	1.54	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	1.1	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	Flame Retardant Paper
Cone Edge	Paper
Dust Cap	Paper

# Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	3.5 in.	+/- 0.040"
CD	Cutout Diameter	3.1 in.	+/- 0.030"
MG	Magnet Diameter	2.1 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.020"
MD	Mounting Diameter	3.9 in.	+/- 0.020"
ID	Internal Depth	1.2 in.	Maximum
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	230.0 gr.	

