

# Specification Sheet

Model # KC8WF-4A



## MISCO®

### Key Features:

- 8" (205 mm), 4 ohm
- Woofer, 25 watt
- Ferrite magnet, Black Talc Filled Polypropylene cone with Polyether Foam surround;

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	8.0	inch
	205.0	mm
Rated Impedance	4	ohms
Rated Power	25.0	Watts
Program Power	50	Watts
Frequency Range	38 - 2000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	91	dB SPL
Voice Coil Diameter	1.0 / 25.4	inch / mm
Magnet Weight	12.0 / 341	oz / gr
Transformer		

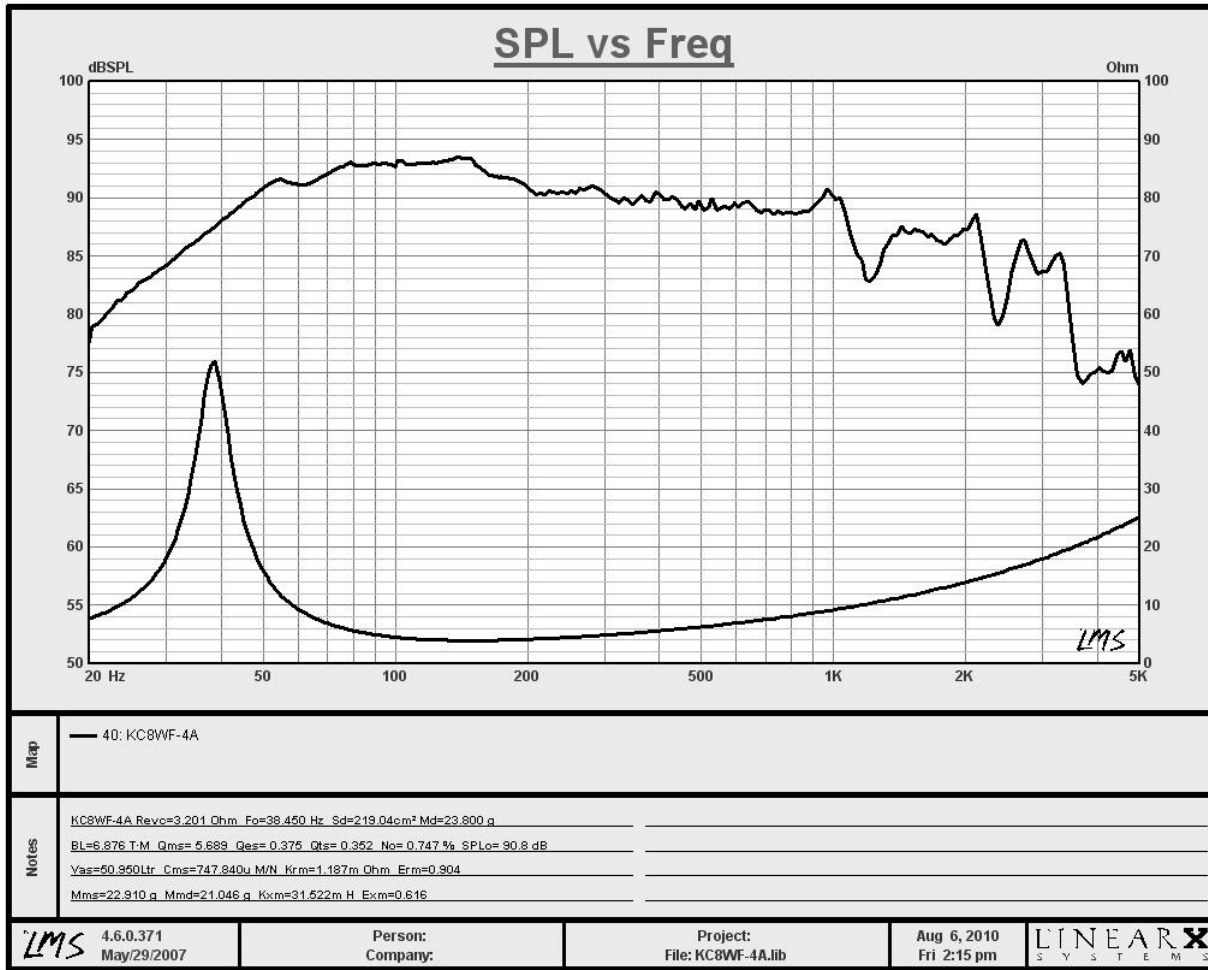
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	38	Hz
D.C. Resistance (Re)	3.2	ohms
Mechanical Q (Qms)	5.7	
Electrical Q (Qes)	0.38	
Total Q (Qts)	0.35	
Compliance Equivalent Volume (Vas)	51.0	ltr
BL Product (BL)	6.9	T-M
Maximum Linear Excursion (Xmax)	4.2	mm
Surface Area of Cone (Sd)	219.0	cm <sup>2</sup>
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	Polyether Foam
Dust Cap	Paper

# Sensitivity / Frequency



# Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	8.2 in.	+/- 0.020"
CD	Cutout Diameter	7.1 in.	+/- 0.020"
MG	Magnet Diameter	3.4 in.	+/- 0.050"
HD	Hole Diameter	0.35 in.	+/- 0.010"
MD	Mounting Diameter	7.8 in.	+/- 0.010"
ID	Internal Depth	3.2 in.	+/- 0.025"
FT	Flange Thickness	0.18 in.	+/- 0.050"
NW	Net Weight	1218.0 g	

