

Specification Sheet

Model # JC8PA-45



MISCO®

Key Features:

- 8" (205mm), 45 ohm
- Full Range, 15 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	8.0	inch
	205.0	mm
Rated Impedance	45	ohms
Rated Power	15.0	Watts
Program Power	30	Watts
Frequency Range	40 - 14000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	97	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)	90	Hz
D.C. Resistance (Re)	35.5	ohms
Mechanical Q (Qms)	4.6	
Electrical Q (Qes)	2.2	
Total Q (Qts)	1.5	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)	2.9	mm
Surface Area of Cone (Sd)		cm2
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	Paper
Cone Edge	Paper
Dust Cap	Paper

Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	8.0 in.	+/- 0.040"
CD	Cutout Diameter	7.1 in.	+/- 0.030"
MG	Magnet Diameter	3.4 in.	+/- 0.050"
HD	Hole Diameter	0.3 in.	+/- 0.020"
MD	Mounting Diameter	7.63 in.	+/- 0.020"
ID	Internal Depth	2.6 in.	Maximum
FT	Flange Thickness	0.16 in.	+/- 0.050"
NW	Net Weight	900.0 gr.	

