

Specification Sheet

Model # ROC12W-8B



MISCO®

Key Features:

- 12" (315mm), 6 mounting holes, 8 ohm
- Woofer, 75 watts
- Ferrite magnet, black talc filled polypropylene cone
- Santoprene rubber surround
- ROHS compliant

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	12.0	inch
	304.0	mm
Rated Impedance	8	ohms
Rated Power	75.0	Watts
Program Power	150	Watts
Frequency Range	25 - 1000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	88	dB SPL
Voice Coil Diameter	2.0 / 50.8	inch / mm
Magnet Weight	40.0 / 1136	oz / gr
Transformer		

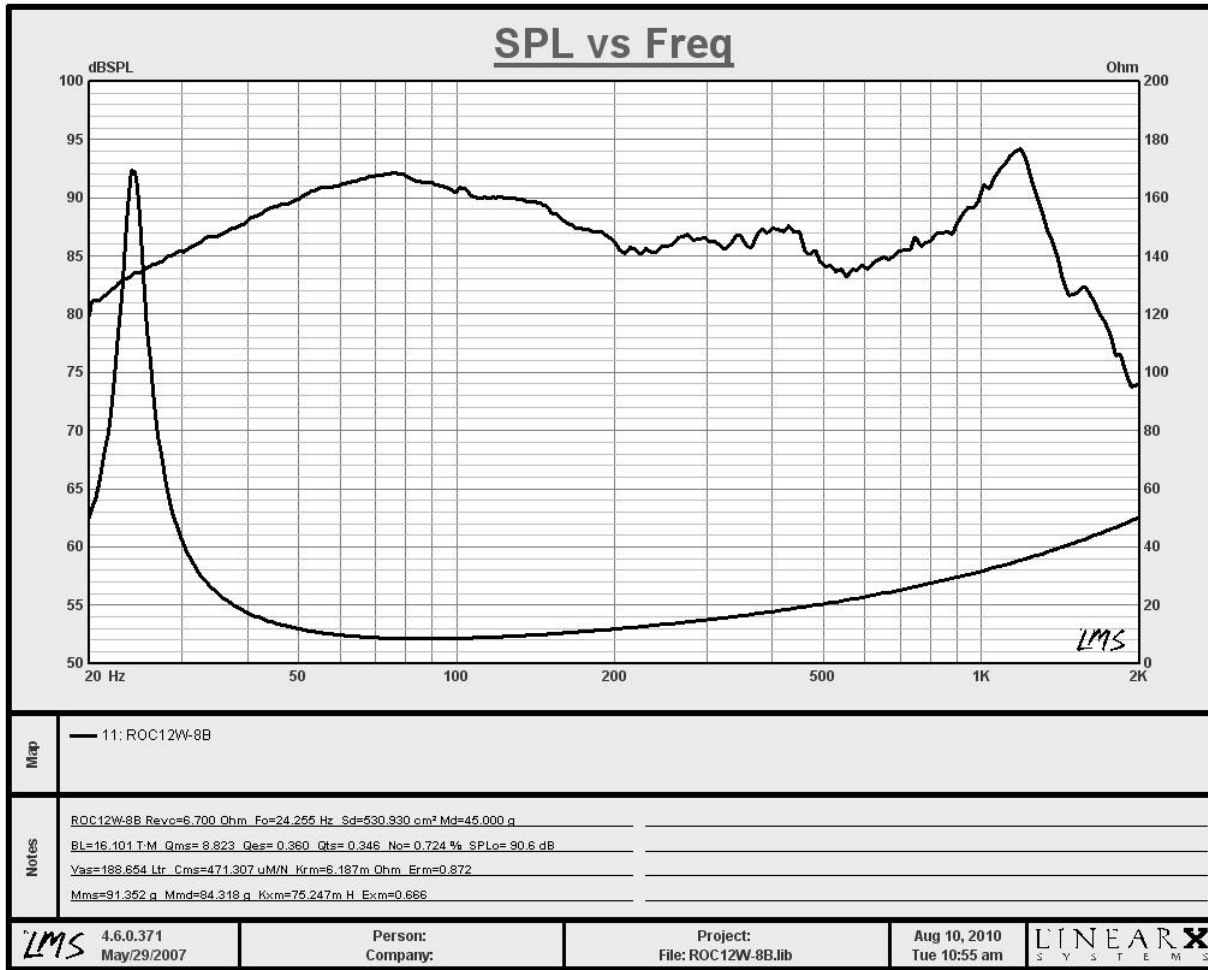
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	24	Hz
D.C. Resistance (Re)	6.6	ohms
Mechanical Q (Qms)	8.8	
Electrical Q (Qes)	0.36	
Total Q (Qts)	0.35	
Compliance Equivalent Volume (Vas)	188.7	ltr
BL Product (BL)	16.1	T-M
Maximum Linear Excursion (Xmax)	6.6	mm
Surface Area of Cone (Sd)	531.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel, Powder Coat Black
Terminal Size	0.110 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Kapton
Cone	Black Talc Filled Polypropylene
Cone Edge	Santoprene Rubber
Dust Cap	Plastic

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	12.5 in.	+/- 0.020"
CD	Cutout Diameter	11.0 in.	+/- 0.020"
MG	Magnet Diameter	4.5 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	12.0 in.	+/- 0.010"
ID	Internal Depth	5.2 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	4088.0 g	

