

Specification

Nominal Basket Diameter	12", 304.8mm
Nominal Impedance*	8 ohms
Power Rating**	30W
Resonance	69Hz
Usable Frequency Range***	70Hz-5.5kHz
Sensitivity	101.3
Magnet Weight	35 oz.
Gap Height	0.312", 7.94mm
Voice Coil Diameter	1.75", 44.45mm

Thiele & Small Parameters

Resonant Frequency (fs)	68.58Hz
DC Resistance (Re)	6.44
Coil Inductance (Le)	.62 mH
Mechanical Q (Qms)	8.13
Electromagnetic Q (Qes)	0.53
Total Q (Qts)	0.50
Compliance Equivalent Volume (Vas)	69.64 liters / 2.46 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	40cc
Mechanical Compliance of Suspension (Cms)	0.19 mm/N
BL Product (BL)	12.07 T-M
Diaphragm Mass inc. Airload (Mms)	27.8 grams
Efficiency Bandwidth Product (EBP)	129.2
Maximum Linear Excursion (Xmax)	0.8mm
Surface Area of Cone (Sd)	506.7 cm ²
Maximum Mechanical Limit (Xlim)	

Mounting Information

Recommended Enclosure Volume	
Sealed	Acceptable
Vented	Acceptable
Overall Diameter	12.26", 311.4mm
Baffle Hole Diameter	9.13", 231.8mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	11.71", 297.4mm
Depth	5.95", 151.1mm
Net Weight	8.9 lbs, 4.04 kg
Shipping Weight	11.1 lbs, 5 kg

Materials of Construction

Copper Voice Coil
Paper former
Alnico magnet

Pressed steel basket
Seamed Paper Cone
Paper cone edge
Treated paper dust cap


EMINENCE®
The Art and Science of Sound

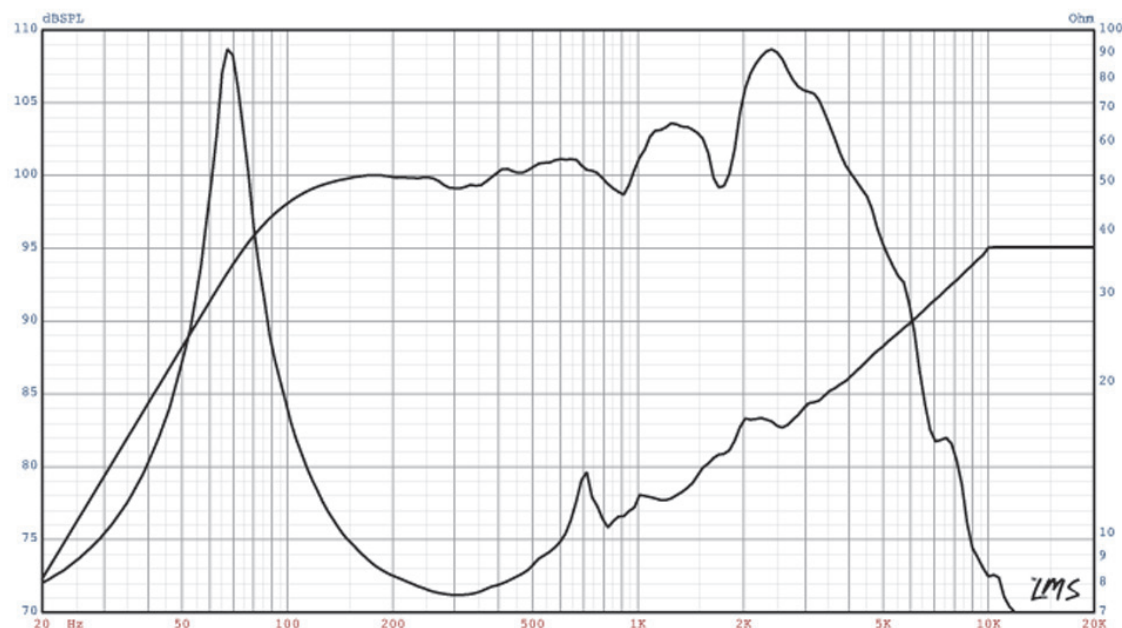


BLACK MOUNTAIN™



Coloration:

Genre:



* Please inquire about alternative impedances.

** Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, non-temperature controlled environment.

*** The average output across the usable frequency range when applying 1W/1M into the nominal impedance. ie: 2.83V/8ohms, 4V/16ohms.

Eminence response curves are measured under the following conditions: All speakers are tested at 1w/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft. X 2ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges)