

Specification

Nominal Basket Diameter	12", 304.8mm
Nominal Impedance*	16 ohms
Power Rating**	125W
Resonance	100Hz
Usable Frequency Range***	70Hz-5.5kHz
Sensitivity	101
Magnet Weight	4 oz.
Gap Height	0.28", 7.2mm
Voice Coil Diameter	2", 50.8mm

Thiele & Small Parameters

Resonant Frequency (fs)	100Hz
DC Resistance (Re)	14.6
Coil Inductance (Le)	0.72mH
Mechanical Q (Qms)	11.94
Electromagnetic Q (Qes)	0.92
Total Q (Qts)	0.86
Compliance Equivalent Volume (Vas)	30 liters / 1.1 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	61cc
Mechanical Compliance of Suspension (Cms)	0.08mm/N
BL Product (BL)	17.9 T-M
Diaphragm Mass inc. Airload (Mms)	32 grams
Efficiency Bandwidth Product (EBP)	109
Maximum Linear Excursion (Xmax)	1.2mm
Surface Area of Cone (Sd)	519.5 cm ²
Maximum Mechanical Limit (Xlim)	

Mounting Information

Recommended Enclosure Volume	
Sealed	Acceptable
Vented	Acceptable
Overall Diameter	12.02", 305.3mm
Baffle Hole Diameter	10.97", 278.6mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	11.63", 295.4mm
Depth	5.1", 129mm
Net Weight	4.1 lbs., 1.9 kg
Shipping Weight	5.8 lbs., 2.6 kg

Materials of Construction

Copper voice coil
Polyimide former
Neodymium magnet
Non-vented core
Pressed steel basket
Paper Cone
Paper cone edge
Zurette dust cap



EMINENCE®
The Art and Science of Sound

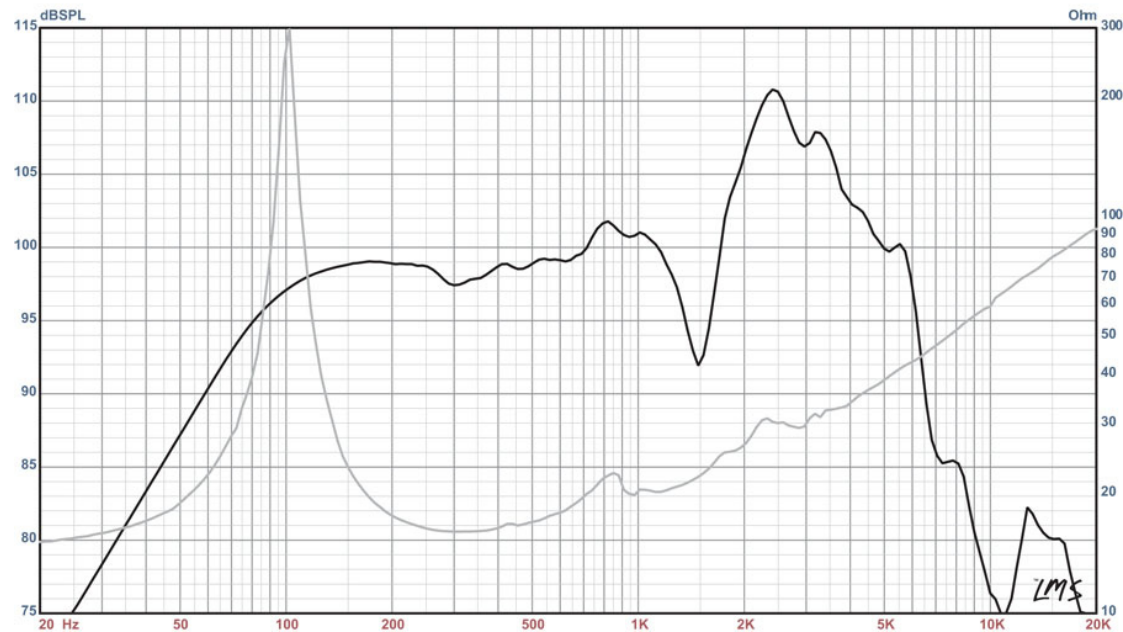
TONKERLITE™ 16

RED COAT™

tonker-lite n. a very lightweight, but hard-hitting 12" speaker with British flavor and harmonic balance

Coloration: A nice round, balanced tone like the Tonker, but with extended top end and less lower-mid meat.

Genre: Blues, Southern Rock, Country



* 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)