EMINENCE®
The Art and Science of Sound

EMINATOR® 2515

Eminator® Car Audio Series

Specification

Nominal Basket Diameter	15 in., 381mm
Nominal Impedance*	4 ohms
Power Rating**	
Watts	300 W
Peak	1,200 W
Resonance	28.73 Hz
Usable Frequency Range***	27 Hz-0.2 kHz
Sensitivity	94.4
Magnet Weight	56 oz
Gap Height	0.39 in., 10.01 mm
Voice Coil Diameter	2.5 in., 63.5 mm

Thiele & Small Parameters

Resonant Frequency (fs)	28.73 Hz
DC Resistance (Re)	3.73
Coil Inductance (Le)	2.49 mH
Mechanical Q (Qms)	10.72
Electromagnetic Q (Qes)	0.38
Total Q (Qts)	0.37
Compliance Equivalent Volume (Vas)	274.84 liters/ 9.7 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	514 cc
Mechanical Compliance of Suspension (Cms)	0.27 mm/N
BL Product (BL)	14.17 T-M
Diaphragm Mass inc. Airload (Mms)	113.3 grams
Efficiency Bandwidth Product (EBP)	75.68
Maximum Linear Excursion (Xmax)	6 mm
Surface Area of Cone (Sd)	856.3 cm2
Maximum Mechanical Limit (Xlim)	12 mm

Mounting Information

Recommended Enclosure Volume	
Sealed	42.48-84.95 liters/1.5-3 cu.ft.
Vented	79.29-99.11 liters/2.8-3.5 cu.ft.
Driver Volume Displaced	3.62 liters/221 cu.in.
Overall Diameter	386.08 mm/15.2 in.
Baffle Hole Diameter	351.28 mm/13.83 in.
Front Sealing Gasket	Fitted as Standard
Rear Sealing Gasket	N/A
Mounting Holes Diameter	6.35 mm/6.35 in.
Mounting Holes B.C.D.	369.82 mm/14.56 in.
Depth	162.56 mm/6.4 in.
Net Weight	5.94kg/13.1 lbs.
Shipping Weight	

Materials of Construction

Copper voice coil
Polyimide former
Ferrite magnet
Vented core
Pressed steel basket
Treated Paper Cone
Foam Edge
Treated paper dust cap

* 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)