

## Specification

Nominal Basket Diameter	18", 457mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	700W
Music Program	
Resonance	34Hz
Usable Frequency Range***	35Hz-650Hz
Sensitivity	99
Magnet Weight	120oz
Gap Height	.39", 10.01mm
Voice Coil Diameter	3.0", 76.2mm

## Thiele & Small Parameters

Resonant Frequency (fs)	34Hz
DC Resistance (Re)	6.4
Coil Inductance (Le)	1.43mH
Mechanical Q (Qms)	10.55
Electromagnetic Q (Qes)	0.34
Total Q (Qts)	0.33
Compliance Equivalent Volume (Vas)	385.28 ltr./13.60 cuft
Peak Diaphragm Displacement Volume (Vd)	688.00cc
Mechanical Compliance of Suspension (Cms)	.20mm/N
BL Product (BL)	21.2 T-M
Diaphragm Mass inc. Airload (Mms)	112.2 grams
Efficiency Bandwidth Product (EBP)	99
Maximum Linear Excursion (Xmax)	5.8mm
Surface Area of Cone (Sd)	1178.0cm <sup>2</sup>
Maximum Mechanical Limit (Xlim)	12.20mm

## Mounting Information

Recommended Enclosure Volume	
Sealed	Not Recommended
Vented	85-311 liters / 3.0-11.0 cuft
Overall Diameter	18.00", 457.20mm
Baffle Hole Diameter	16.60", 420.62mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	.28", 7.11mm
Mounting Holes B.C.D.	17.25", 438.15mm
Depth	7.91", 200.91mm
Net Weight	24.8 lbs, 11.25 kg
Shipping Weight	

## Materials of Construction

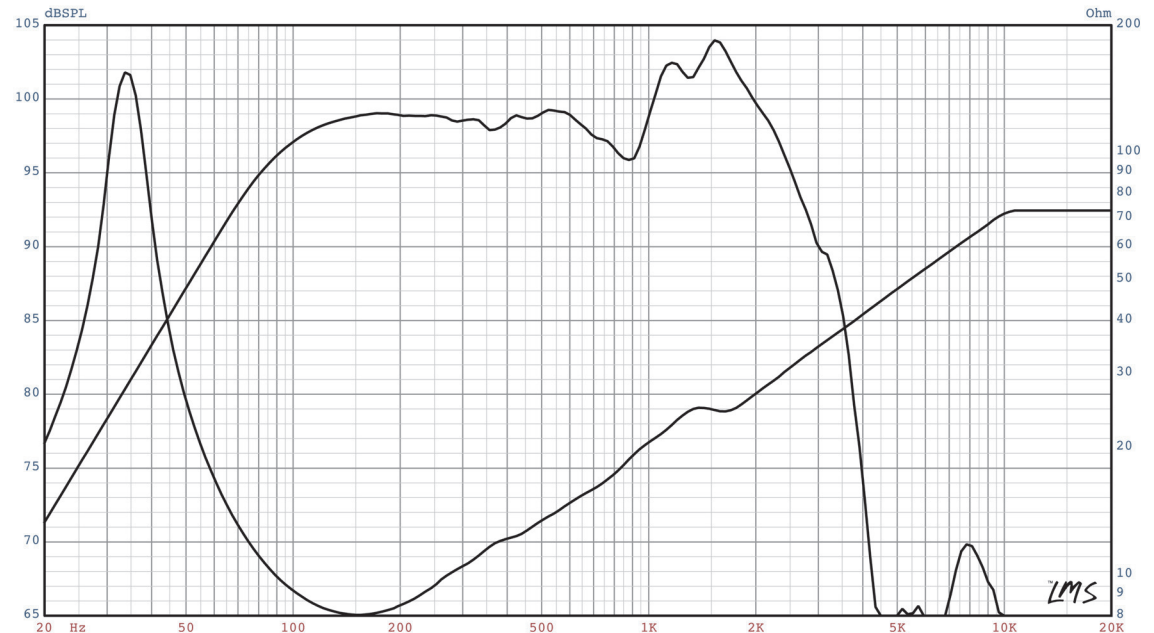
Coil Construction	Copper
Coil Former	Polymide
Magnet Composition	Ferrite
Motor Details	Vented w/Extended Core Bumped BackPlate
Basket Material	Aluminum
Cone Composition	Treated Paper
Cone Edge Composition	Sealed Cloth
Dust Cap Composition	Treated Paper




  
**EMINENCE**<sup>®</sup>
  
 DONGGUAN

## EPA-CHP3018LF

High Power Po-Sound Subwoofer Driver. Long Xmax and large motor insure distortion-free deep bass.



\* 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)