

## KAPPA 18

*For all high power bass applications including bass guitar.*

Nominal Basket Diameter	18", 457.2mm
Impedance	8 ohms
Power Rating	500Wrms
Resonance	28Hz
Usable Frequency Range	25Hz - 2kHz
Sensitivity	<a href="#">see guide on web</a>
Magnet Weight	80oz.
Gap Height	0.375", 9.52mm
Voice Coil Diameter	3.0", 76.2mm

### Mounting Information

Recommended Enclosure Volume (vented)	170 - 283 liters 6 - 10 cu. ft.
Overall Diameter	17.96", 456.2mm
Baffle Hole Diameter	16.44", 417.5mm
Front Sealing Gasket	<i>fitted as standard</i>
Rear Sealing Gasket	<i>fitted as standard</i>
Mounting Holes Diameter	0.375", 9.5mm
Mounting Holes B.C.D.	17.38", 441.3mm
Depth	7.362", 187mm
Shipping Weight	23.4lbs., 10.6 kg.

### Thiele-Small Parameters

Resonant Frequency (fs)	28Hz
Impedance (Re)	7.82 ohms
Coil Inductance (Le)	1.98mH
Electromagnetic Q (Qes)	0.43
Mechanical Q (Qms)	7.84
Total Q (Qts)	0.41
Compliance Equivalent Volume (Vas)	475.7 liters 16.8 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	543cc
Mechanical Compliance of Suspension (Cms)	0.26mm/N
BL Product (BL)	20 T-M
Diaphragm Mass inc. Airload (Mms)	124 grams
Equiv. Resistance of Mechanical Suspension Loss (Rms)	2.78N*sec/M
Efficiency Bandwidth Product (EBP)	65
Voice Coil Overhang (Xmax)	4.8mm
Surface Area of Cone (Sd)	1140.1cm <sup>2</sup>
Impedance at Resonance (Zmax)	151 ohms
Maximum Linear Excursion (Xmech)	27.05mm



### Materials of Construction

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated two-layer, 29ga., copper voice coil for improved power-handling and durability
- Ferrite Magnet
- Vented core for increased power handling
- Premium pressed steel basket for maximum strength
- Paper cone
- Cloth cone edge
- Solid composition paper dust cap

**Eminence Speaker LLC**  
**P. O. Box 360**  
**Eminence, Kentucky 40019**  
**USA**  
**502.845.5622 phone**  
**502.845.5653 fax**  
**info@eminence.com**  
**www.eminence.com**

