

## KAPPA 15

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

Nominal Basket Diameter	15", 381mm
Impedance	8 ohms
Power Rating	450Wrms
Resonance	36Hz
Usable Frequency Range	30Hz - 2.5kHz
Sensitivity	<a href="#">see chart 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)	64 - 106 liters
Overall Diameter	2.25 - 3.75 cu. ft.
Baffle Hole Diameter	15.16", 384.9mm
Front Sealing Gasket	13.77", 349.6mm
Rear Sealing Gasket	<i>fitted as standard</i>
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	14.56", 369.9mm
Depth	6.125", 155mm
Shipping Weight	19.3lbs., 8.8 kg.

### Thiele-Small Parameters

Resonant Frequency (fs)	36Hz
Impedance (Re)	5.21 ohms
Coil Inductance (Le)	1.05mH
Electromagnetic Q (Qes)	0.31
Mechanical Q (Qms)	10.60
Total Q (Qts)	0.30
Compliance Equivalent Volume (Vas)	278 liters
Peak Diaphragm Displacement Volume (Vd)	9.8 cu. ft.
Mechanical Compliance of Suspension (Cms)	131cc
BL Product (BL)	0.27mm/N
Diaphragm Mass inc. Airload (Mms)	16.7 T-M
Equiv. Resistance of Mechanical Suspension Loss (Rms)	74 grams
Efficiency Bandwidth Product (EBP)	1.46N*sec/M
Voice Coil Overhang (Xmax)	115
Surface Area of Cone (Sd)	1.6mm
Impedance at Resonance (Zmax)	823.7cm <sup>2</sup>
Maximum Linear Excursion (Xmech)	197 ohms
	23.24mm

### 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

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