



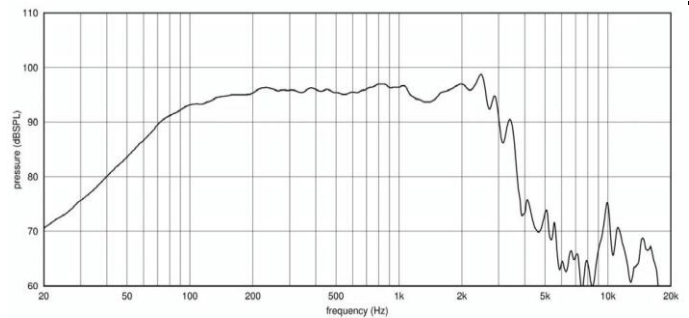
15" Ceramic Woofer

Program Power	1000 W
Rated impedance	8 Ohm
Nominal diameter	15"- 380 mm
Sensitivity (2,83V/1m)	97,9 dB
Voice coil diameter	3 in - 75 mm
Frequency Range	40-3000 Hz

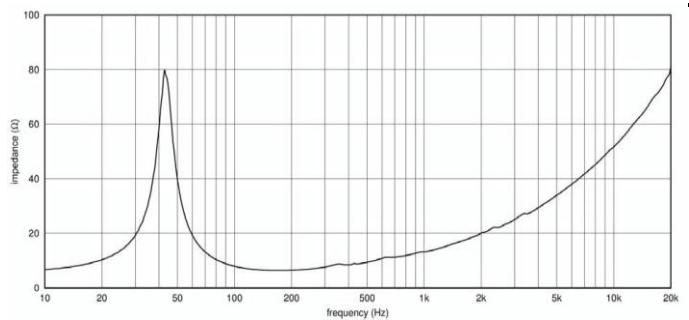
SPECIFICATIONS

Nominal Diameter	15"- 380 mm
Rated Impedance	8 Ohm
AES Power	500 W
Program Power ²	1000 W
Sensitivity ³	97,9 dB
Frequency Range	40-3000 Hz
Minimum Impedance	6,4 Ohm
Basket Material	Steel
Magnet Material	Ferrite
Cone Material	Treated Paper - Water repellent
Cone Shape	Exponential
Surround	Triple Roll
Suspension	-
Voice Coil Diameter	3 in - 75 mm
Voice Coil Winding Material	Copper
Voice Coil Length	19 mm - 0,75 in
Voice Coil Former Material	-
Connection type	-
Ferrofluid	No
Magnetic Gap Height	10 mm - 0,39 in
Max. Peak to Peak Excursion	30 mm - 1,18 in
Recommended Enclosure Volume	65÷150 lt (dm ³) - 2,3÷5,3 cu.ft

FREQUENCY RESPONSE CURVE ⁷



FREE AIR IMPEDANCE CURVE ⁸



T/S PARAMETERS ⁴

8 Ohm

Resonance frequency	Fs	44 Hz
DC Resistance	Re	5,4 Ohm
Mechanical Q Factor	Qms	6,6
Electrical Q Factor	Qes	0,44
Total Q Factor	Qts	0,41
BI Factor	BI	19 Tm
Effective Moving Mass	Mms	107 g - 0,24 lb
Equivalent Cas air loaded	Vas	136 lt (dm ³) - 4,8 cuft
Effective piston area	Sd	881 cm ² - 136,6 sq.in
Max Linear Excursion	Xmax ⁵	7 mm - 0,28 in
	Xvar ⁶	8 mm - 0,31 in
Voice Coil Inductance @ 1kHz	Le	1,20 mH
Half-space Efficiency	η0	2,5 %
Efficiency Bandwidth Product	EBP	100

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	389 mm - 15,31 in
Baffle Cutout Diameter	353 mm - 13,9 in
Flange and Gasket Thickness	11 mm - 0,43 in
Total Depth	174 mm - 6,85 in
Bolt Circle Diameter	374 mm - 14,72 in
Bolt Holes Quantity and Diameter	8 / 5 mm - 0,2 in
Net Weight	6,8 Kg - 14,99 lb
Shipping Weight	7,4 Kg - 16,31 lb

NOTES

¹ Nominal power is determined according to AES2-1984 (r2003) standard.

² Program Power is defined as 3 dB greater than the Nominal rating.

³ Sensitivity represents the averaged value of acoustic output as measured on the forward central axis of cone, at distance 1m, when connected to 2,83V sine wave test signal.

⁴ Thiele - Small parameters are measured after the test specimen has been conditioned by 2 hour 20 Hz sine and represent the expected long term parameters after a short period of use.

⁵ Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.

⁶ Xvar represents the displacement value where force factor or suspension compliance drops to 50% of their small signal value.

⁷ Frequency response measured in 260 L reference closed box in free field (4π) with 2.83 Vrms

⁸ Impedance curve is measured in free air conditions at small signals.