



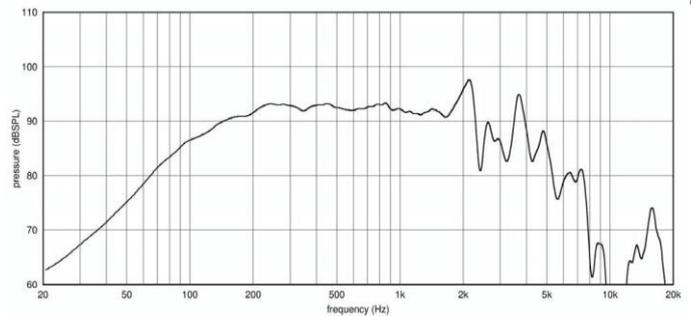
8" Ceramic Woofer

Program Power	500 W
Rated impedance	8 Ohm
Nominal diameter	8" - 200 mm
Sensitivity (2,83V/1m)	95 dB
Voice coil diameter	2 in - 50 mm
Frequency Range	70-2500 Hz

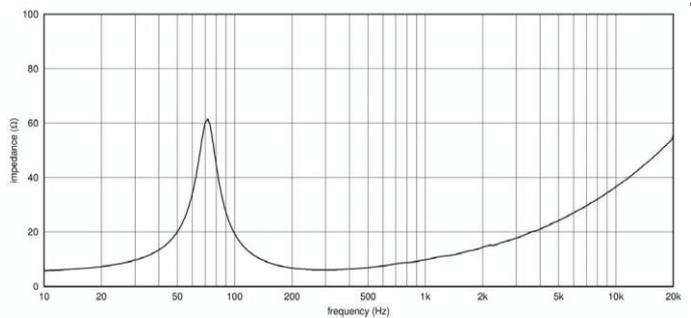
SPECIFICATIONS

Nominal Diameter	8" - 200 mm
Rated Impedance	8 Ohm
AES Power	250 W
Program Power ²	500 W
Sensitivity ³	95 dB
Frequency Range	70-2500 Hz
Minimum Impedance	6,1 Ohm
Basket Material	Steel
Magnet Material	Ferrite
Cone Material	Treated Paper - Water repellent
Cone Shape	Exponential
Surround	M-Roll - Polycotton
Suspension	-
Voice Coil Diameter	2 in - 50 mm
Voice Coil Winding Material	Copper
Voice Coil Length	17 mm - 0,67 in
Voice Coil Former Material	-
Connection type	-
Ferrofluid	No
Magnetic Gap Height	7 mm - 0,28 in
Max. Peak to Peak Excursion	20 mm - 0,79 in
Recommended Enclosure Volume	5÷10 lt (dm ³) - 0,18÷0,35 cu.ft

FREQUENCY RESPONSE CURVE ⁷



FREE AIR IMPEDANCE CURVE ⁸



T/S PARAMETERS ⁴

8 Ohm

Resonance frequency	Fs	78 Hz
DC Resistance	Re	5 Ohm
Mechanical Q Factor	Qms	5,6
Electrical Q Factor	Qes	0,43
Total Q Factor	Qts	0,4
Bl Factor	Bl	12,7 Tm
Effective Moving Mass	Mms	28 g - 0,06 lb
Equivalent Cas air loaded	Vas	11 lt (dm ³) - 0,39 cuft
Effective piston area	Sd	227 cm ² - 35,2 sq.in
Max Linear Excursion	Xmax ⁵	6,8 mm - 0,27 in
	Xvar ⁶	4,1 mm - 0,16 in
Voice Coil Inductance @ 1kHz	Le	0,82 mH
Half-space Efficiency	η0	1,2 %
Efficiency Bandwidth Product	EBP	181

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	200 mm - 7,87 in
Baffle Cutout Diameter	186 mm - 7,32 in
Flange and Gasket Thickness	9 mm - 0,35 in
Total Depth	96 mm - 3,78 in
Bolt Circle Diameter	199 mm - 7,83 in
Bolt Holes Quantity and Diameter	8 / 5,5 mm - 0,22 in
Net Weight	2,7 Kg - 5,95 lb
Shipping Weight	3,2 Kg - 7,05 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.