



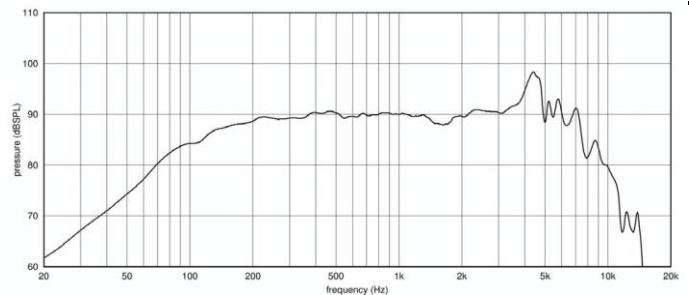
6" Ceramic Woofer

Program Power	300 W
Rated impedance	8 Ohm
Nominal diameter	6,5"- 165 mm
Sensitivity (2,83V/1m)	90,5 dB
Voice coil diameter	1,5 in - 38 mm
Frequency Range	80-7000 Hz

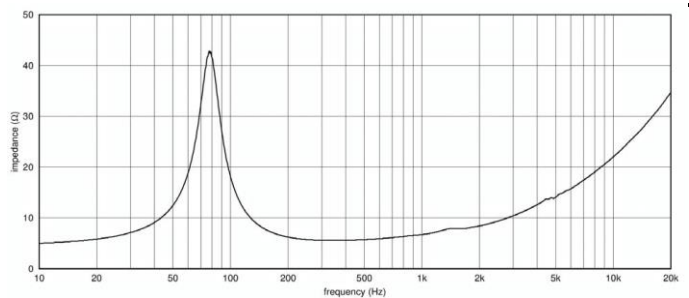
SPECIFICATIONS

Nominal Diameter	6,5"- 165 mm
Rated Impedance	8 Ohm
AES Power	150 W
Program Power ²	300 W
Sensitivity ³	90,5 dB
Frequency Range	80-7000 Hz
Minimum Impedance	6 Ohm
Basket Material	Steel
Magnet Material	Ferrite
Cone Material	Treated Paper - Water repellent
Cone Shape	Exponential
Surround	Rubber - Single Roll
Suspension	-
Voice Coil Diameter	1,5 in - 38 mm
Voice Coil Winding Material	Copper
Voice Coil Length	11,5 mm - 0,45 in
Voice Coil Former Material	-
Connection type	-
Ferrofluid	No
Magnetic Gap Height	6,5 mm - 0,26 in
Max. Peak to Peak Excursion	20 mm - 0,79 in
Recommended Enclosure Volume	5÷15 lt (dm ³) - 0,18÷0,53 cu.ft

FREQUENCY RESPONSE CURVE ⁷



FREE AIR IMPEDANCE CURVE ⁸



T/S PARAMETERS ⁴

8 Ohm

Resonance frequency	Fs	80 Hz
DC Resistance	Re	4,7 Ohm
Mechanical Q Factor	Qms	4,9
Electrical Q Factor	Qes	0,55
Total Q Factor	Qts	0,5
BI Factor	BI	8,9 Tm
Effective Moving Mass	Mms	18 g - 0,04 lb
Equivalent Cas air loaded	Vas	5 lt (dm ³) - 0,18 cuft
Effective piston area	Sd	132,7 cm ² - 20,6 sq.in
Max Linear Excursion	Xmax ⁵	4 mm - 0,16 in
	Xvar ⁶	6 mm - 0,24 in
Voice Coil Inductance @ 1kHz	Le	0,4 mH
Half-space Efficiency	η0	0,5 %
Efficiency Bandwidth Product	EBP	145

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	185,5 mm - 7,3 in
Baffle Cutout Diameter	144 mm - 5,67 in
Flange and Gasket Thickness	4 mm - 0,16 in
Total Depth	87 mm - 3,43 in
Bolt Circle Diameter	168 mm - 6,61 in
Bolt Holes Quantity and Diameter	4 / 5 mm - 0,2 in
Net Weight	1,8 Kg - 3,97 lb
Shipping Weight	2 Kg - 4,4 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.