



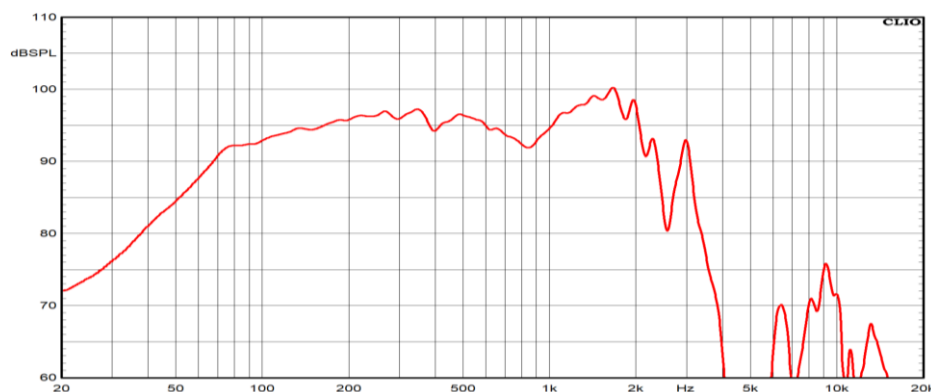
18" Ceramic Woofer

Program Power	2000 W
Rated impedance	8 Ohm
Nominal diameter	18"- 450 mm
Sensitivity (2,83V/1m)	97,5 dB
Voice coil diameter	4 in - 100 mm
Frequency Range	35-1000 Hz

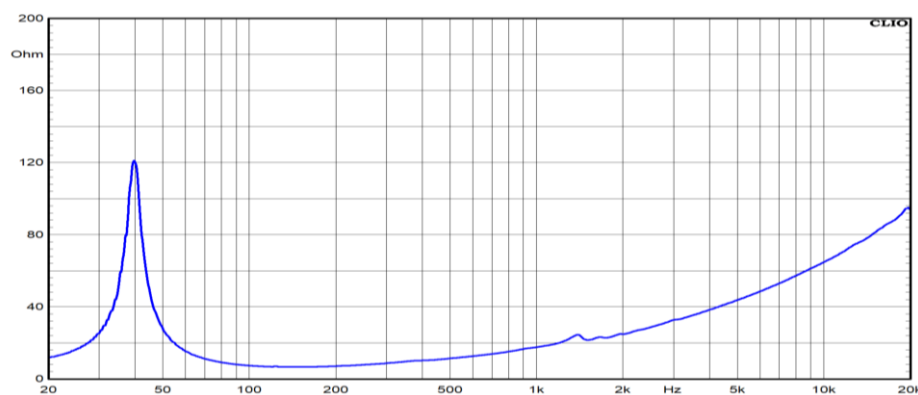
SPECIFICATIONS

Nominal Diameter	18"- 450 mm
Rated Impedance	8 Ohm
AES Power	1000 W
Program Power ²	2000 W
Sensitivity ³	97,5 dB
Frequency Range ⁴	35-1000 Hz
Minimum Impedance	6,7 Ohm
Basket Material	Steel
Magnet Material	Ferrite
Cone Material	Treated Paper - Water repellent
Cone Shape	Straight
Surround	Triple Roll - Polycotton
Suspension	-
Voice Coil Diameter	4 in - 100 mm
Voice Coil Winding Material	Copper
Voice Coil Length	21,5 mm - 0,85 in
Voice Coil Former Material	Glass Fiber
Connection type	Fast-On
Ferrofluid	No
Magnetic Gap Height	11 mm - 0,43 in
Max. Peak to Peak Excursion	45 mm - 1,77 in
Efficiency Bandwidth Product EBP	93
Recommended Enclosure Volume	90±210 lt (dm ³) - 3,18÷7,42 cu.ft

FREQUENCY RESPONSE CURVE ⁶



FREE AIR IMPEDANCE CURVE ⁷



T/S PARAMETERS

8 Ohm

Resonance frequency	Fs	40 Hz
DC Resistance	Re	5.4 Ohm
Mechanical Q Factor	Qms	10,52
Electrical Q Factor	Qes	0,43
Total Q Factor	Qts	0,41
BI Factor	BI	26,2 Tm
Effective Moving Mass	Mms	229 g - 0,5 lb
Equivalent Cas air loaded	Vas	145 lt (dm ³) - 5,12 cuft
Effective piston area	Sd	1225 cm ² - 189,9 sq.in
Max. Linear Excursion ⁵	Xmax	8 mm - 0,31 in
	Xvar	10,5 mm - 0,41 in
Voice Coil Inductance @ 1kHz	Le	1,10 mH
Half-space Efficiency	η0	2,13 %

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	460 mm - 18,11 in
Baffle Cutout Diameter	422 mm - 16,61 in
Flange and Gasket Thickness	16,5 mm - 0,65 in
Total Depth	202 mm - 7,95 in
Bolt Circle Diameter	440 mm - 17,32 in
Bolt Holes Quantity and Diameter	8 / 7 mm - 0,28 in
Net Weight	11,8 Kg - 26,01 lb
Shipping Weight	13,4 Kg - 29,54 lb

NOTES

- Nominal power is determined according to AES2-1984 (r2003) standard.
- Program Power is defined as 3 dB greater than the Nominal rating.
- 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.
- Frequency range is given as the band of frequencies delineated by the lower and upper limits where the output level drops by 10 dB below the rated sensitivity in half space environment.
- Linear Math. Xmax is calculated as $(Hvc-Hg)/2 + Hg/4$ where Hvc is the coil depth and Hg is the gapdepth.
- Frequency response measured in 260 L reference closed box in free field (4π) with 2.83 Vrms
- Impedance curve is measured in free air conditions at small signals.