



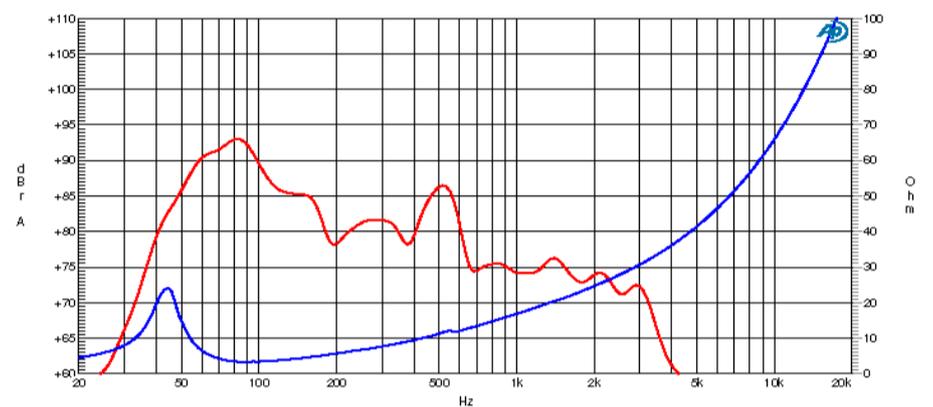
15" NEO Subwoofer

Program Power	8000 W
Rated impedance	1+1 Ohm
Nominal diameter	15" - 380 mm
Sensitivity (1W/1m)	89,5 dB
Voice coil diameter	4 in - 100 mm
Frequency Range	25-200 Hz

SPECIFICATIONS

Nominal Diameter	15" - 380 mm
Rated Impedance	1+1 Ohm
Nominal Power Handling ¹	600+600 W
Program Power ²	8000 W
Sensitivity ³	89,5 dB
Frequency Range ⁴	25-200 Hz
Minimum Impedance	-
Basket Material	Aluminum
Magnet Material	Neodymium
Cone Material	Reinforced cellulose fiber
Cone Shape	Straight
Surround	Rubber
Suspension	Nomex Fabric
Voice Coil Diameter	4 in - 100 mm
Voice Coil Winding Material	Flat aluminium
Voice Coil Length	42 mm
Voice Coil Former Material	Aluminum
Connection type	Golden brass
Ferrofluid	No
Magnetic Gap Height	20 mm - 0,79 in
Max. Peak to Peak Excursion	-
Efficiency Bandwidth Product EBP	100
Recommended Loading	Vented Box
Volume / Tuning frequency	40 Lt (dm ³) - 1,413 cuft / 42 Hz
Maximum recommended frequency	-

FREQUENCY RESPONSE AND IMPEDANCE CURVE ^{6 7}



T/S PARAMETERS

1+1 Ohm

* Parameters measured with voice coils connected in series

Resonance frequency	Fs	47 Hz
DC Resistance	Re	1+1 Ohm
Mechanical Q Factor	Qms	4,99
Electrical Q Factor	Qes	0,47
Total Q Factor	Qts	0,43
BI Factor	Bl	20,38 Tm
Effective Moving Mass	Mms	415 g
Equivalent Gas air loaded	Vas	22 Lt (dm ³) - 0,78 cuft
Suspension Compliance	Cms	0,03 mm/N
Effective Piston Diameter	D	309 mm - 12,17 in
Effective piston area	Sd	750 cm ² - 116,25 sq in
Max. Linear Excursion ⁵	Xmax	16 mm - 0,63 in
Voice Coil Inductance @ 1kHz	Le	2,47 mH
Half-space Efficiency	η_0	0,46 %

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.

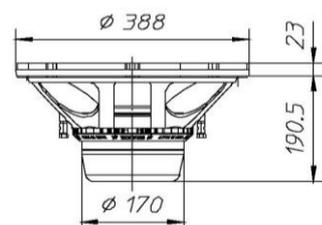
³ Sensitivity represents the averaged value of acoustic output as measured on the forward central axis of cone, at distance 1m, when connected to 2,83V sine wave test signal.

⁴ 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.

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

⁶ Frequency response curve is measured in box.

⁷ Impedance curve is measured in free air conditions at small signals.



MOUNTING AND SHIPPING INFORMATION

Overall Diameter	388 mm - 15,28 in
Baffle Cutout Diameter	354 mm - 13,94 in
Flange and Gasket Thickness	23 mm - 0,91 in
Total Depth	213,5 mm - 8,41 in
Bolt Circle Diameter	368 mm - 14,49 in
Bolt Holes Quantity and Diameter	8 / 7 mm - 0,28 in
Net Weight	12,9 Kg - 28,41 lb
Shipping Units	1 Pc