



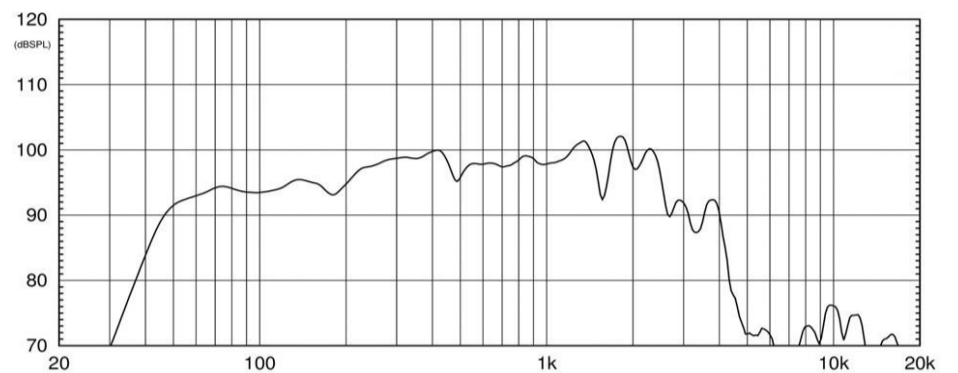
15" NEO Subwoofer

Program Power	2000 W
Rated impedance	4+4 Ohm
Nominal diameter	15" - 380 mm
Sensitivity (2,83V/1m)	98 dB
Voice coil diameter	4 in - 100 mm
Frequency Range	30-200 Hz

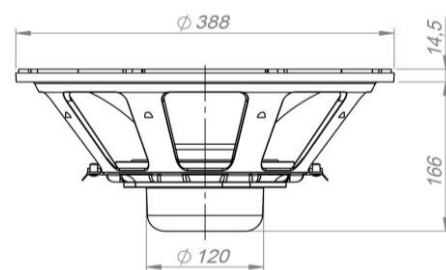
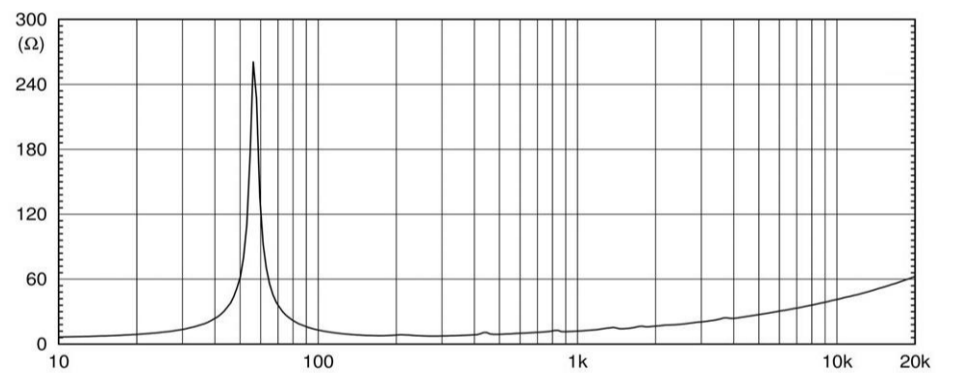
SPECIFICATIONS

Nominal Diameter	15" - 380 mm
Rated Impedance	4+4 Ohm
Nominal Power Handling ¹	1000 W
Program Power ²	2000 W
Sensitivity ³	98 dB
Frequency Range ⁴	30-200 Hz
Minimum Impedance	-
Basket Material	Diecast Aluminum
Magnet Material	Neodymium
Cone Material	Treated Cellulose
Cone Shape	-
Surround	-
Suspension	Nomex Fabric
Voice Coil Diameter	4 in - 100 mm
Voice Coil Winding Material	-
Voice Coil Length	20 mm - 0,79 in
Voice Coil Former Material	-
Connection type	Faston
Ferrofluid	No
Magnetic Gap Height	10 mm - 0,39 in
Max. Peak to Peak Excursion	-
Efficiency Bandwidth Product EBP	149
Recommended Loading	Vented Box
Volume / Tuning frequency	100 Lt (dm ³) - 3,531 cuft / 41 Hz
Maximum recommended frequency	-

FREQUENCY RESPONSE CURVE ⁶



FREE AIR IMPEDANCE CURVE ⁷



T/S PARAMETERS

4+4 Ohm

Resonance frequency	Fs	55 Hz
DC Resistance	Re	5,6 Ohm
Mechanical Q Factor	Qms	13,23
Electrical Q Factor	Qes	0,37
Total Q Factor	Qts	0,36
BI Factor	Bl	26,28 Tm
Effective Moving Mass	Mms	150 g
Equivalent Gas air loaded	Vas	64 Lt (dm ³) - 2,26 cuft
Suspension Compliance	Cms	0,06 mm/N
Effective Piston Diameter	D	32 mm - 1,26 in
Effective piston area	Sd	8 cm ² - 1,24 sq in
Max. Linear Excursion ⁵	Xmax	7,5 mm - 0,3 in
Voice Coil Inductance @ 1kHz	Le	0,98 mH
Half-space Efficiency	η0	2,85 %

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	388 mm - 15,28 in
Baffle Cutout Diameter	354 mm - 13,94 in
Flange and Gasket Thickness	14,5 mm - 0,57 in
Total Depth	200,5 mm - 7,89 in
Bolt Circle Diameter	370 mm - 14,57 in
Bolt Holes Quantity and Diameter	8 / 7 mm - 0,28 in
Net Weight	8 Kg - 17,62 lb
Shipping Units	1 Pc

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.