NDH15-4S

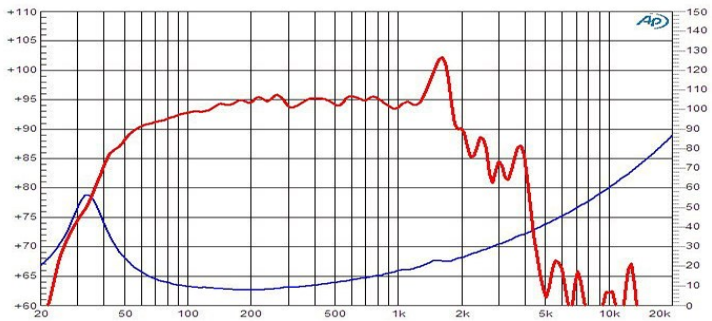
15” NEO Subwoofer

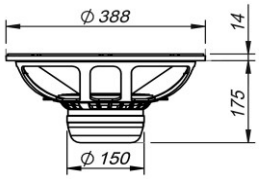
Program Power	**2000 W**
Rated impedance	**8 Ohm**
Nominal diameter	**15”- 380 mm**
Sensitivity (2,83V/1m)	**96 dB**
Voice coil diameter	**4 in - 100 mm**
Frequency Range	**30-200 Hz**

SPECIFICATIONS

Nominal Diameter	15”- 380 mm
Rated Impedance	8 Ohm
Nominal Power Handling [1]	1000 W
Program Power [2]	2000 W
Sensitivity [3]	96 dB
Frequency Range [4]	30-200 Hz
Minimum Impedance	-
Gasket Material	Diecast Aluminum
Magnet Material	Neodymium
Cone Material	Treated Cellulose
Cone Shape	-
Surround	Doped fabric
Suspension	Nomex Fabric
Voice Coil Diameter	4 in - 100 mm
Voice Coil Winding Material	-
Voice Coil Length	30 mm - 11,81 in
Voice Coil Former Material	-
Connection type	Push Button
Ferrofluid	No
Magnetic Gap Height	- - -
Max. Peak to Peak Excursion Xvar	-
Efficiency Bandwidth Product EBP	108
Recommended Loading	Vented Box
Volume / Tuning frequency	115 Lt (dm³) - 4,061 cuft / 40 Hz
Maximum recommended frequency	-

FREQUENCY RESPONSE AND IMPEDANCE CURVE [6] [7]





T/S PARAMETERS

8 Ohm

Resonance frequency	Fs	28 Hz
DC Resistance	Re	6,04 Ohm
Mechanical Q Factor	Qms	11,19
Electrical Q Factor	Qes	0,26
Total Q Factor	Qts	0,25
Bl Factor	Bl	24,19 Tm
Effective Moving Mass	Mms	143 g
Equivalent Cas air loaded	Vas	220 lt (dm³) - 7,769 cuft
Suspension Compliance	Cms	0,23 mm/N
Effective Piston Diameter	D	32 mm - 1,26 in
Effective piston area	Sd	8 cm² - 1,24 sq.in
Max. Linear Excursion [5]	Xmax	11,5 mm - 0,45 in
Voice Coil Inductance @ 1kHz	Le	1,07 mH
Half-space Efficency	ŋ0	1,78 %

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	388 mm - 15,28 in
Baffle Cutout Diameter	354 mm - 13,94 in
Flange and Gasket Thickness	14 mm - 0,55 in
Total Depth	189 mm - 7,441 in
Bolt Circle Diameter	370 mm - 14,57 in
Bolt Holes Quantity and Diameter	8 / 7 mm - 0,28 in
Net Weight	8 Kg - 17,64 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 In the range above 150 Hz is measured on infinite baffle conditions and simulated as per recommended loading in the range below 150 Hz.
[7] Impedance curve is measured in free air conditions at small signals.