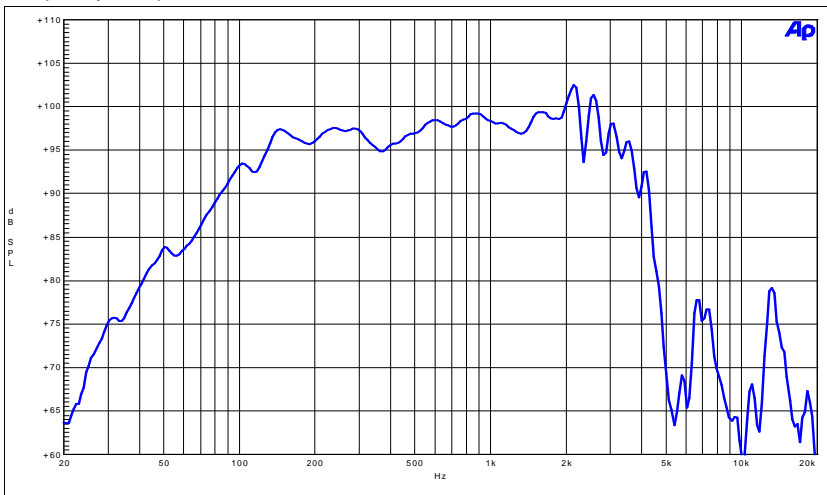




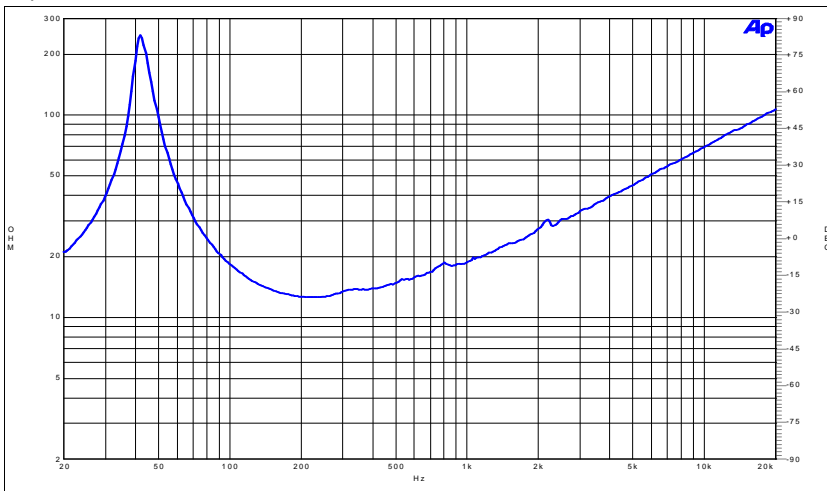
# 14NDL88-16

Rev: 0

Frequency Response



Impedance



## Specifications

Nominal Diameter	14"
Nominal Impedance	16 Ω
Minimum Impedance	12,5 Ω
Power Handling	
Nominal <sup>1</sup>	700 W
Continuous Program <sup>2</sup>	1.400 W
Sensitivity (1W/1m) <sup>3</sup>	98 dB
Frequency Range	Fs to 3500 Hz
Voice Coil Diameter	88,00 mm
Winding Material	Copper
Former Material	Fiber Glass
Winding Depth	21,00 mm
Magnetic Gap Depth	10 mm
Flux Density	1,150 T
Surround Material	PolyCotton
Surround Shape	Triple Roll
Spider Material	PolyCotton
Magnet Material	Neodymium
Cone Material	Paper
Water Proof Front Side (WP)	<input checked="" type="checkbox"/>
Water Proof Both Sides (TWP)	<input type="checkbox"/>
Epoxy Treatment	<input type="checkbox"/>
Demodulation Ring	<input checked="" type="checkbox"/>
Shorting Copper Ring	<input type="checkbox"/>
Double Spider	<input checked="" type="checkbox"/>
Vented Gap	<input checked="" type="checkbox"/>

25/07/2014

## Thiele & Small Parameters<sup>4</sup>

Fs	44 Hz
Re	11,0 Ω
Qes	0,39
Qms	10,61
Qts	0,37
Vas	115,2 dm <sup>3</sup>
Sd	707 cm <sup>2</sup>
η <sub>0</sub>	2,45 %
Xmax	7,5 mm
Xvar	9,50 mm
Mms	79,5 g
Bl	25,00 Txm
Le	2,05 mH
Cms	164,1 μm/N

## Mounting Information

Overall Diameter	359 mm ( 14,13 in )
Bolt Circle Diameter	343 mm ( 13,50 in )
Baffle Cutout Diameter	323 mm ( 12,71 in )
Depth	168 mm ( 6,61 in )
Flange / Gasket Thickness	4,5 mm ( 0,57 in )
Net Weight	4,7 Kg ( 10,68 lb )

(1) A.E.S. Standard

(2) Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

(3) Applied RMS Voltage is set to 4V for 16 ohms Nominal Impedance. Average SPL from 100 to 1000 Hz

(4) Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.