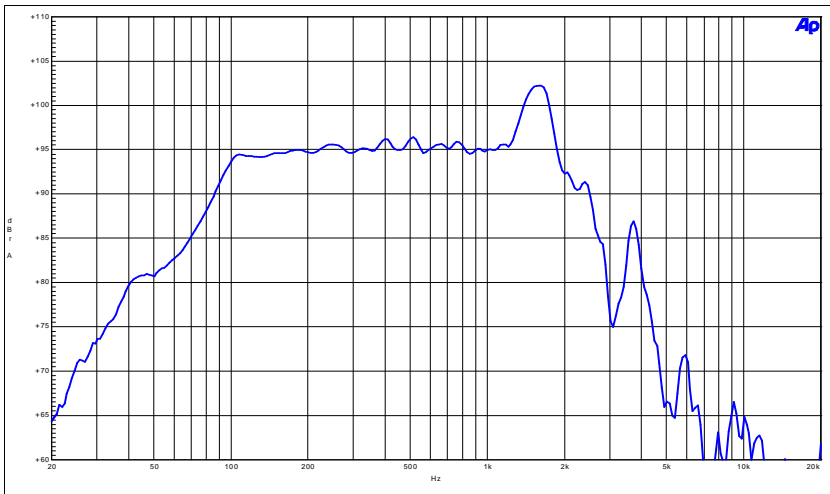




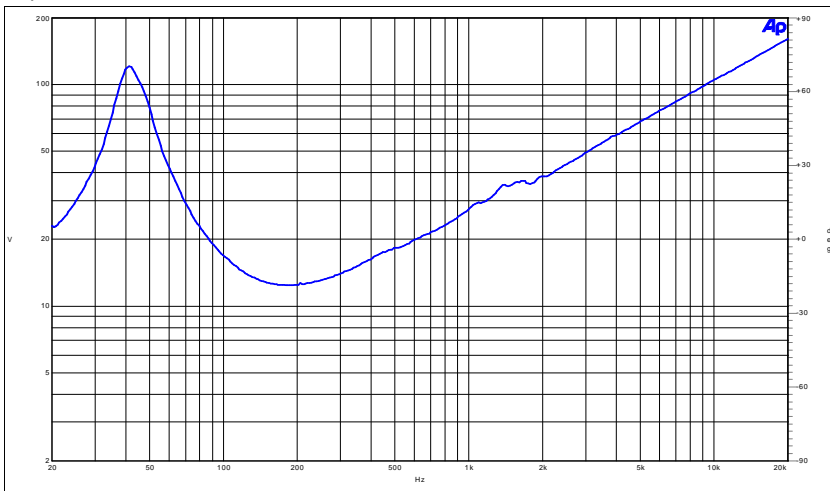
# 15NW100-16

Rev: 0

Frequency Response



Impedance



## Specifications

Nominal Diameter	15"
Nominal Impedance	16 Ω
Minimum Impedance	12.5 Ω
Power Handling	
Nominal <sup>1</sup>	600 W
Continuous Program <sup>2</sup>	1.200 W
Sensitivity (1W/1m) <sup>3</sup>	96 dB
Frequency Range	Fs to 1500 Hz
Voice Coil Diameter	100,00 mm
Winding Material	Copper
Former Material	Fiber Glass
Winding Depth	25,00 mm
Magnetic Gap Depth	11 mm
Flux Density	1.25 T
Surround Material	PolyCotton
Surround Shape	Triple Roll
Spider Material	PolyCotton
Magnet Material	Neodimium
Cone Material	Paper
Water Proof Front Side (WP)	<input type="checkbox"/>
Water Proof Both Sides (TWP)	<input checked="" type="checkbox"/>
Epoxy Treatment	<input checked="" type="checkbox"/>
Demodulation Ring	<input type="checkbox"/>
Shorting Copper Ring	<input type="checkbox"/>
Double Spider	<input checked="" type="checkbox"/>
Vented Gap	<input checked="" type="checkbox"/>

16/03/2005

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

Fs	42 Hz
Re	10,1 Ω
Qes	0,36
Qms	4,53
Qts	0,34
Vas	89,0 dm <sup>3</sup>
Sd	855 cm <sup>2</sup>
η <sub>0</sub>	1,94 %
Xmax	8,5 mm
Xvar	9,00 mm
Mms	155,0 g
Bl	34,30 Txm
Le	2,99 mH
Cms	86,6 μm/N

## Mounting Information

Overall Diameter	393 mm ( 15.5 in )
Bolt Circle Diameter	374 mm ( 16.7 in )
Baffle Cutout Diameter	353 mm ( 13.9 in )
Depth	180 mm ( 7.0 in )
Flange / Gasket Thickness	15 mm ( 5/8 in )
Net Weight	9.0 Kg ( 20.5 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 150 to 1500 Hz

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