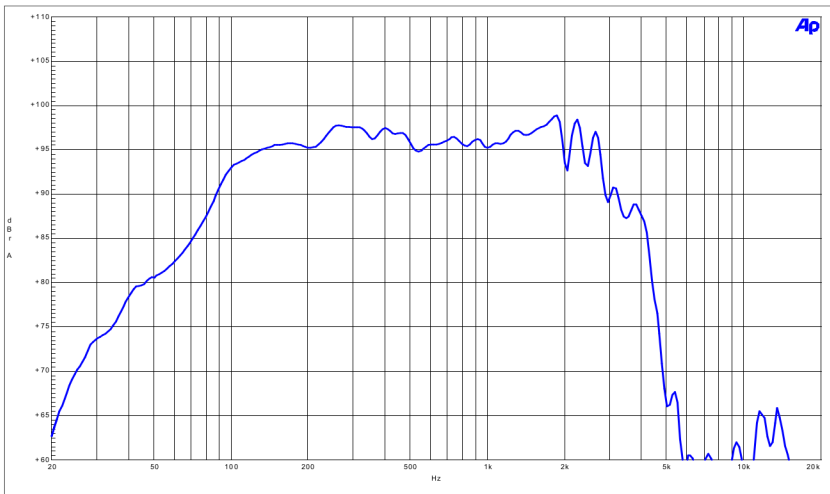




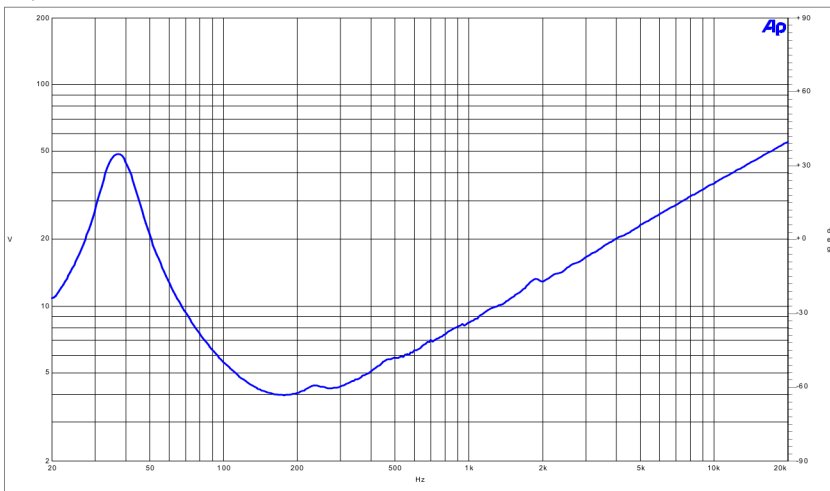
15NDL76-4

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	15"
Nominal Impedance	4 Ω
Minimum Impedance	4.1 Ω
Power Handling	
Nominal ¹	500 W
Continuous Program ²	1.000 W
Sensitivity (1W/1m) ³	99 dB
Frequency Range	Fs to 2000 Hz
Voice Coil Diameter	76,00 mm
Winding Material	Copper
Former Material	Fiber Glass
Winding Depth	19,50 mm
Magnetic Gap Depth	10 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 checked="" type="checkbox"/>
Water Proof Both Sides (TWP)	<input type="checkbox"/>
Epoxy Treatment	<input checked="" type="checkbox"/>
Demodulation Ring	<input type="checkbox"/>
Shorting Copper Ring	<input type="checkbox"/>
Double Spider	<input type="checkbox"/>
Vented Gap	<input checked="" type="checkbox"/>

18/02/2005

Thiele & Small Parameters⁴

Fs	38 Hz
Re	3,1 Ω
Qes	0,23
Qms	4,10
Qts	0,22
Vas	180,0 dm³
Sd	855 cm²
η ₀	3,80 %
Xmax	7,0 mm
Xvar	7,50 mm
Mms	100,0 g
Bl	18,50 Txm
Le	0,90 mH
Cms	180,0 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	170 mm (6.7 in)
Flange / Gasket Thickness	15 mm (5/8 in)
Net Weight	4.6 Kg (10.1 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 2V for 4 ohms Nominal Impedance. Average SPL from 200 to 2000 Hz

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