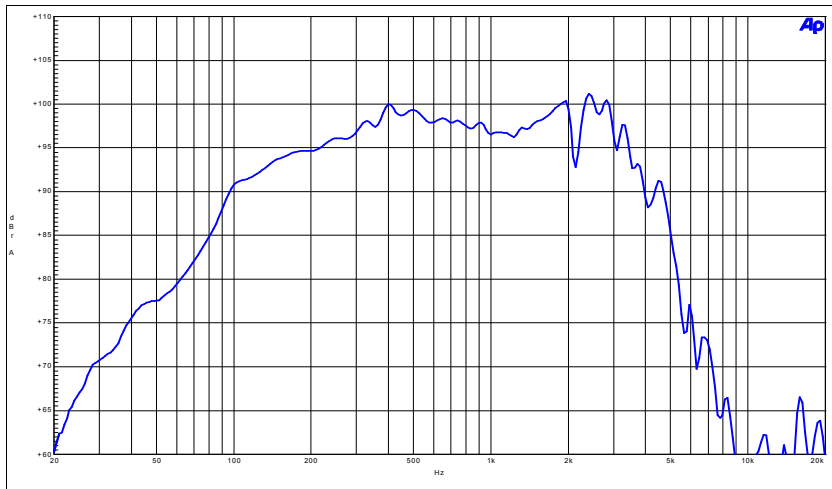


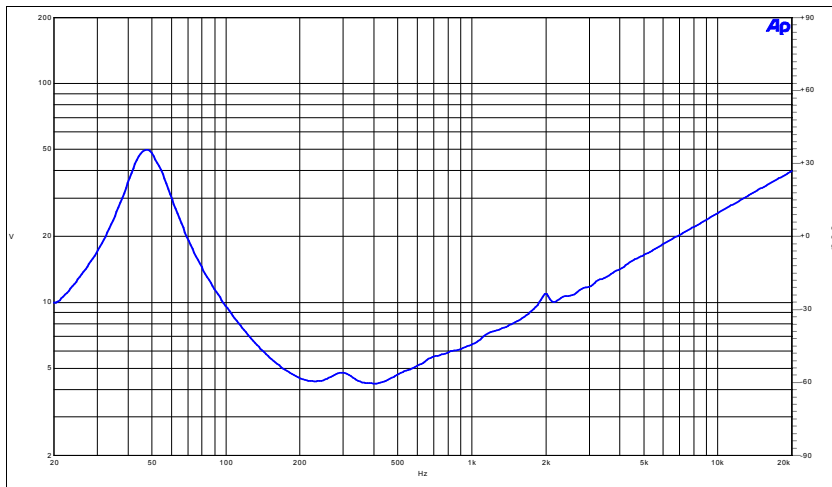


12NDL76-4 Rev: 1

Frequency Response



Impedance



Specifications

Nominal Diameter	12"
Nominal Impedance	4 Ω
Minimum Impedance	4.3 Ω
Power Handling	
Nominal ¹	400 W
Continuous Program ²	800 W
Sensitivity (1W/1m) ³	99,8 dB
Frequency Range	Fs to 2000 Hz
Voice Coil Diameter	76,00 mm
Winding Material	Aluminium
Former Material	Fiber Glass
Winding Depth	18,5 mm
Magnetic Gap Depth	10 mm
Flux Density	1,25 T
Surround Material	PolyCotton
Surround Shape	Double 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"/>

24/03/2005

Thiele & Small Parameters ⁴

Fs	50 Hz
Re	3,1 Ω
Qes	0,20
Qms	3,25
Qts	0,19
Vas	70,0 dm ³
Sd	522 cm ²
η ₀	4,57 %
Xmax	6,0 mm
Xvar	7,0 mm
Mms	54,0 g
Bl	16,50 Txm
Le	0,72 mH
Cms	181,0 μm/N

Mounting Information

Overall Diameter	315 mm (12.5 in)
Bolt Circle Diameter	298 mm (11.7 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	140 mm (5.51 in)
Flange / Gasket Thickness	13 mm (0.51 in)
Net Weight	3.9 Kg (8.86 lb)

- (1)
- (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.