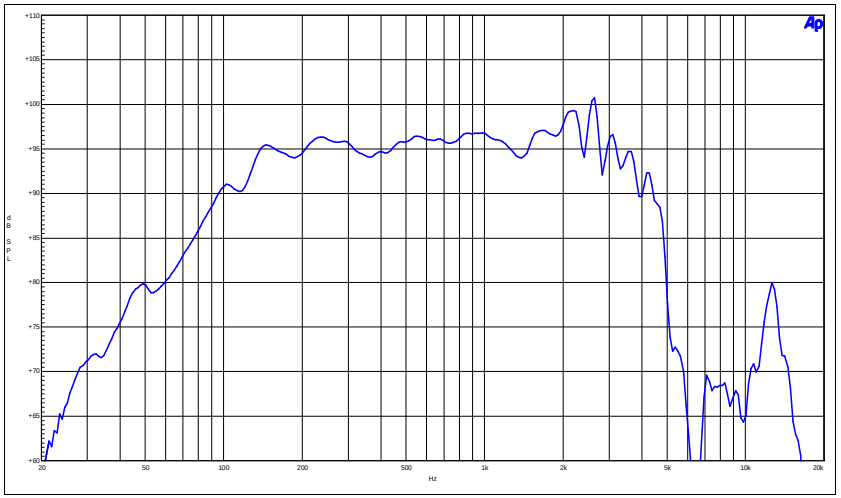
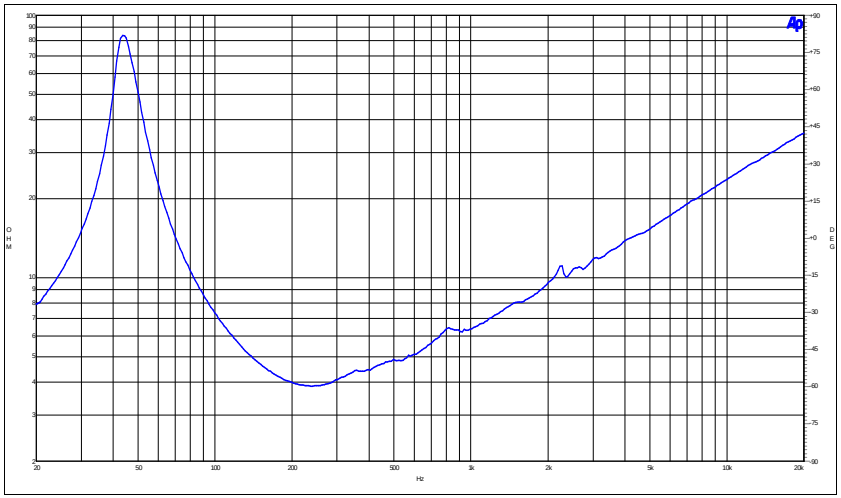
14NDL76-4

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	**14"**
Nominal Impedance	**4 Ω**
Minimum Impedance	**3,8 Ω**
Power Handling	
Nominal[1]	**500 W**
Continuous Program [2]	**1.000 W**
Sensitivity (1W/1m)[3]	**99 dB**
Frequency Range	**Fs to 3000 Hz**
Voice Coil Diameter	**76,00 mm**
Winding Material	**Copper**
Former Material	**Fiber Glass**
Winding Depth	**18,50 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)	☑
Water Proof Both Sides (TWP)	☐
Epoxy Treatment	☐
Demodulation Ring	☐
Shorting Copper Ring	☐
Double Spider	☐
Vented Gap	☑

29/05/2015

Thiele & Small Parameters [4]

Fs	**46 Hz**
Re	**3,1 Ω**
Qes	**0,26**
Qms	**8,71**
Qts	**0,25**
Vas	**108,9 dm^3**
Sd	**707 cm^2**
η_0	**3,86 %**
Xmax	**6,0 mm**
Xvar	**0,00 mm**
Mms	**78,2 g**
Bl	**16,35 Txm**
Le	**0,75 mH**
Cms	**155,1 µm/N**

Mounting Information

Overal Diameter	**359 mm (14,13 in)**
Bolt Circle Diameter	**343 mm (13,50 in)**
Baffle Cutout Diameter	**323 mm (12,71 in)**
Depth	**172 mm (6,7 lb)**
Flange / Gasket Thickness	**4,5 mm (0,57 in)**
Net Weight	**4,5 Kg (10,22 in)**

(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 100 to 1000 Hz

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