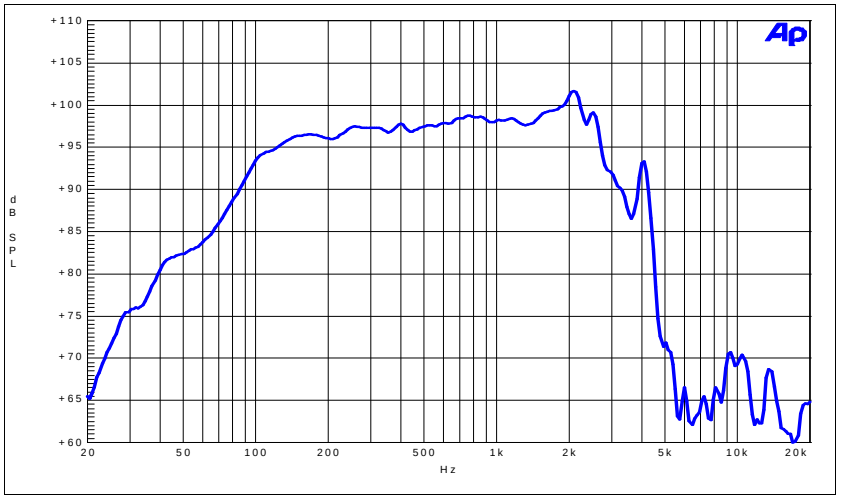
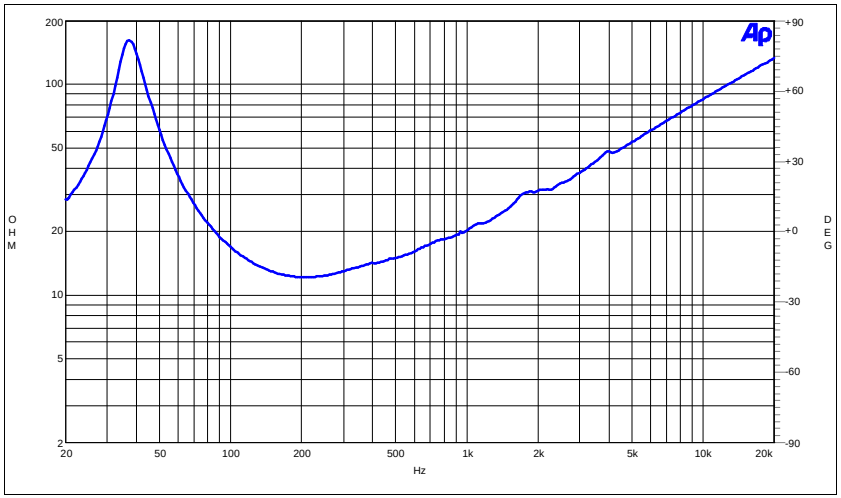
15NW76-16

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	**15"**
Nominal Impedance	**16 Ω**
Minimum Impedance	**12,2 Ω**
Power Handling	
Nominal[1]	**600 W**
Continuous Program [2]	**1.200 W**
Sensitivity (1W/1m)[3]	**100 dB**
Frequency Range	**Fs to 2000 Hz**
Voice Coil Diameter	**76,00 mm**
Winding Material	**Copper**
Former Material	**Fiber Glass**
Winding Depth	**20,00 mm**
Magnetic Gap Depth	**11 mm**
Flux Density	**1,350 T**
Surround Material	**PolyCotton**
Surround Shape	**Triple Roll**
Spider Material	**PolyCotton**
Magnet Material	**Neodimium**
Cone Material	**Paper**
Water Proof Front Side (WP)	☐
Water Proof Both Sides (TWP)	☑
Epoxy Treatment	☐
Demodulation Ring	☑
Shorting Copper Ring	☐
Double Spider	☑
Vented Gap	☑

06/06/2006

Thiele & Small Parameters [4]

Fs	**39 Hz**
Re	**10,0 Ω**
Qes	**0,31**
Qms	**5,41**
Qts	**0,30**
Vas	**153,0 dm^3**
Sd	**855 cm^2**
η_0	**2,85 %**
Xmax	**8,0 mm**
Xvar	**9,00 mm**
Mms	**110,2 g**
Bl	**29,56 Txm**
Le	**2,00 mH**
Cms	**149,0 µm/N**

Mounting Information

Overal Diameter	**393 mm (15.5 in)**
Bolt Circle Diameter	**374 mm (16.7 in)**
Baffle Cutout Diameter	**353 mm (13.9 in)**
Depth	**177 mm (6.9 in)**
Flange / Gasket Thickness	**15 mm (5/8 in)**
Net Weight	**5.6 Kg (12.7 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 200 to 2000 Hz

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