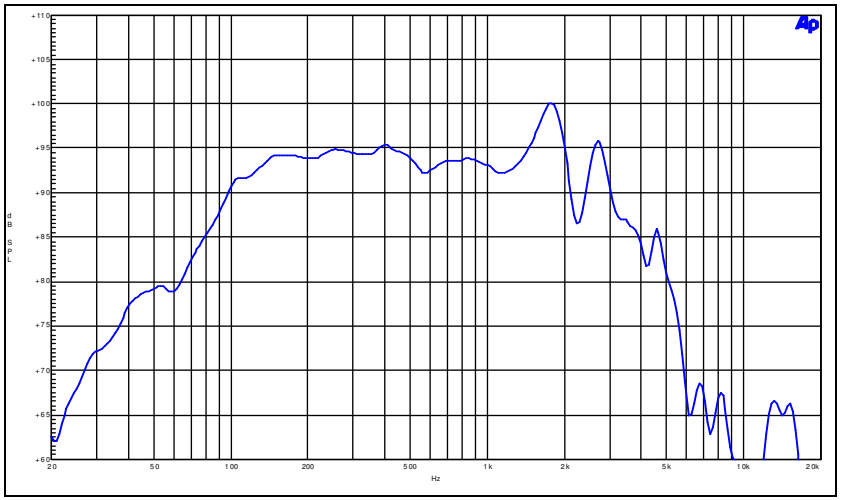
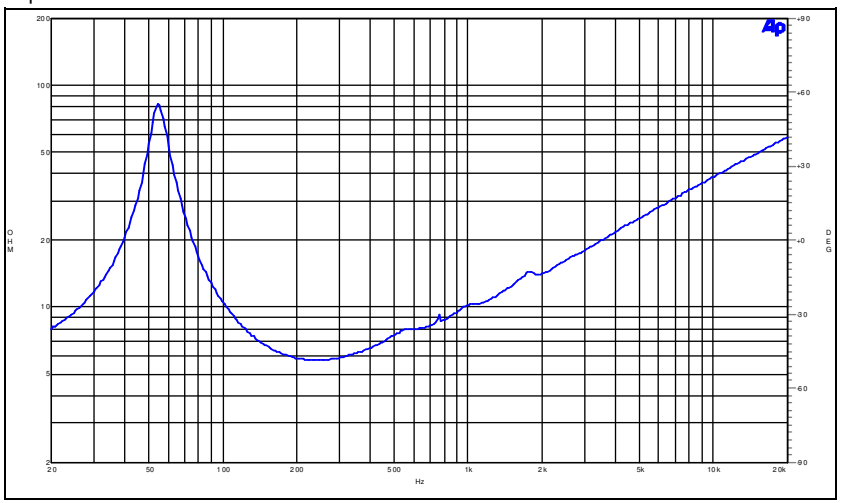
10/151-8

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	**10"**
Nominal Impedance	**8 Ω**
Minimum Impedance	**5,6 Ω**
Power Handling	
Nominal [1]	**250 W**
Continuous Program [2]	**500 W**
Sensitivity (1W/1m) [3]	**95 dB**
Frequency Range	**Fs to 3500 Hz**
Voice Coil Diameter	**51,00 mm**
Winding Material	**Copper**
Former Material	**Fiber Glass**
Winding Depth	**16,50 mm**
Magnetic Gap Depth	**8 mm**
Flux Density	**1,05 T**
Surround Material	**PolyCotton**
Surround Shape	**Double 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	☐

21/03/2008

Thiele & Small Parameters [4]

Fs	**56 Hz**
Re	**5,1 Ω**
Qes	**0,42**
Qms	**6,89**
Qts	**0,39**
Vas	**31,3 dm^3**
Sd	**320 cm^2**
η_0	**1,23 %**
Xmax	**6,0 mm**
Xvar	**6,00 mm**
Mms	**37,9 g**
Bl	**12,74 Txm**
Le	**1,16 mH**
Cms	**217,5 µm/N**

Mounting Information

Overal Diameter	**256 mm (10 in)**
Bolt Circle Diameter	**246 mm (9,7 in)**
Baffle Cutout Diameter	**230 mm (9 in)**
Depth	**108 mm (4,25 in)**
Flange / Gasket Thickness	**7,5 mm (0,3 in)**
Net Weight	**1,2 Kg (2,64 lb)**

(1)

(2) Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

(3) Applied RMS Voltage is set to 2.83V for 8 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.