10PLB76-16

Rev: 0

Specifications

Nominal Diameter	**10"**
Nominal Impedance	**16 Ω**
Minimum Impedance	**12,3 Ω**
Power Handling	
Nominal[1]	**400 W**
Continuous Program [2]	**800 W**
Sensitivity (1W/1m)[3]	**97 dB**
Frequency Range	**Fs to 2500 Hz**
Voice Coil Diameter	**76,00 mm**
Winding Material	**Aluminium**
Former Material	**Fiber Glass**
Winding Depth	**19,00 mm**
Magnetic Gap Depth	**8,5 mm**
Flux Density	**1,100 T**
Surround Material	**PolyCotton**
Surround Shape	**Double Roll**
Spider Material	**PolyCotton**
Magnet Material	**Ceramic**
Cone Material	**Paper**
Water Proof Front Side (WP)	☐
Water Proof Both Sides (TWP)	☐
Epoxy Treatment	☐
Demodulation Ring	☑
Shorting Copper Ring	☐
Double Spider	☐
Vented Gap	☐

28/07/2006

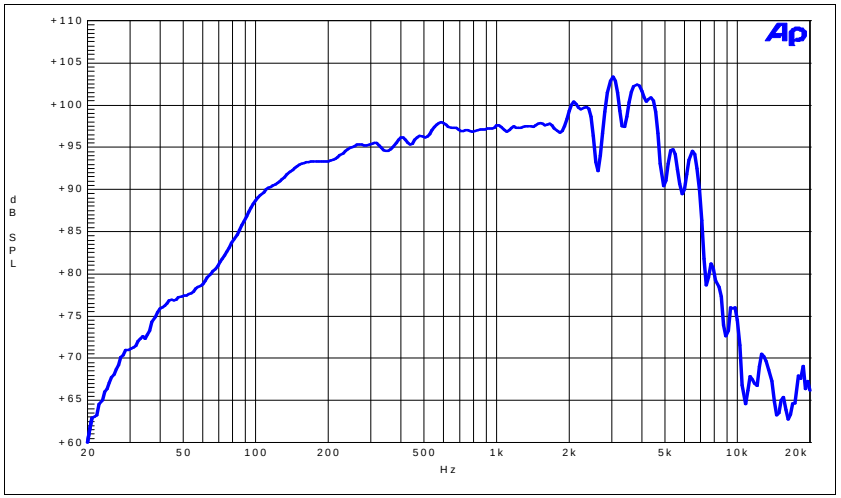
Thiele & Small Parameters [4]

Fs	**51 Hz**
Re	**10,2 Ω**
Qes	**0,24**
Qms	**8,33**
Qts	**0,24**
Vas	**35,0 dm^3**
Sd	**320 cm^2**
η_0	**1,78 %**
Xmax	**6,0 mm**
Xvar	**0,00 mm**
Mms	**40,8 g**
Bl	**23,28 Txm**
Le	**1,13 mH**
Cms	**243,4 µm/N**

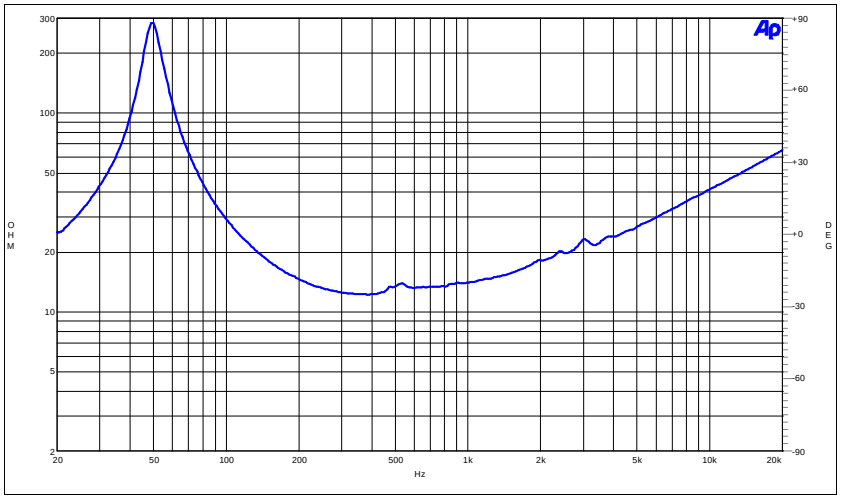
Mounting Information

Overal Diameter	**261 mm (10,2 in)**
Bolt Circle Diameter	**245 mm (9,6 in)**
Baffle Cutout Diameter	**230 mm (8,8 in)**
Depth	**125 mm (4,9 in)**
Flange / Gasket Thickness	**17 mm (2/3 in)**
Net Weight	**7,3 Kg (16,1 lb)**

Frequency Response



Impedance



(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 250 to 2500 Hz

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