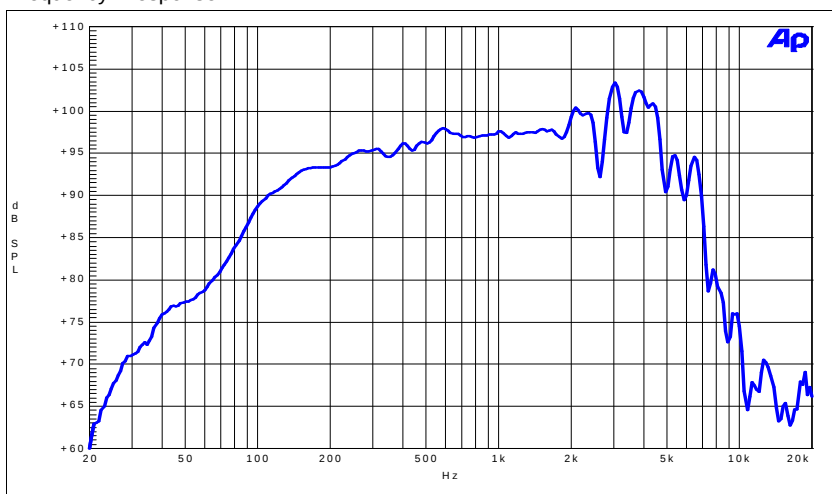




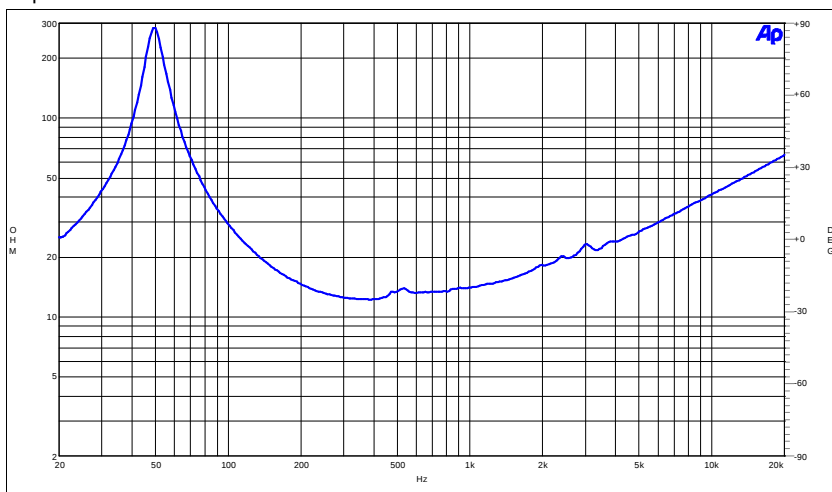
10PLB76-16

Rev: 0

Frequency Response



Impedance



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 Parameters⁴

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 μ m/N

Mounting Information

Overall 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)

(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.