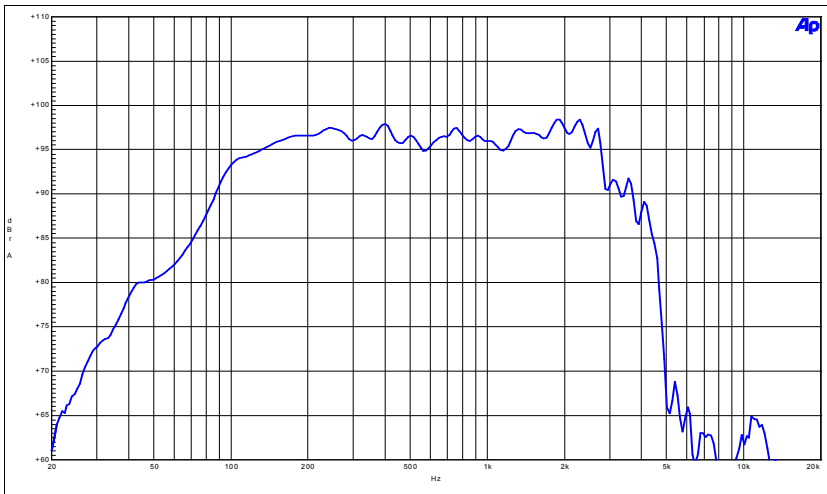




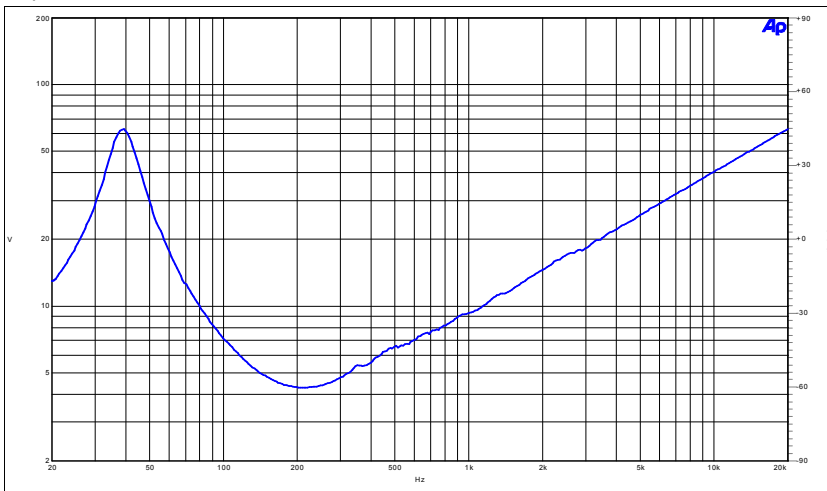
15PLB76-4

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	15"
Nominal Impedance	4 Ω
Minimum Impedance	4.3 Ω
Power Handling	
Nominal ¹	450 W
Continuous Program ²	900 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	17,50 mm
Magnetic Gap Depth	10.5 mm
Flux Density	1.150 T
Surround Material	PolyCotton
Surround Shape	Triple Roll
Spider Material	PolyCotton
Magnet Material	Ceramic
Cone Material	Paper
Water Proof Front Side (WP)	<input type="checkbox"/>
Water Proof Both Sides (TWP)	<input checked="" type="checkbox"/>
Epoxy Treatment	<input checked="" type="checkbox"/>
Demodulation Ring	<input type="checkbox"/>
Shorting Copper Ring	<input type="checkbox"/>
Double Spider	<input type="checkbox"/>
Vented Gap	<input type="checkbox"/>

17/03/2005

Thiele & Small Parameters⁴

Fs	40 Hz
Re	3,3 Ω
Qes	0,22
Qms	4,30
Qts	0,21
Vas	154,3 dm³
Sd	855 cm²
η ₀	4,79 %
Xmax	5,0 mm
Xvar	8,00 mm
Mms	101,0 g
Bl	20,20 Txm
Le	1,11 mH
Cms	150,0 μm/N

Mounting Information

Overall Diameter	393 mm (15.5 in)
Bolt Circle Diameter	374 mm (16.7 in)
Baffle Cutout Diameter	353 mm (13.9 in)
Depth	168 mm (6.6 in)
Flange / Gasket Thickness	15 mm (5/8 in)
Net Weight	8.5 Kg (19.3 lb 9

(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 200 to 2000 Hz

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