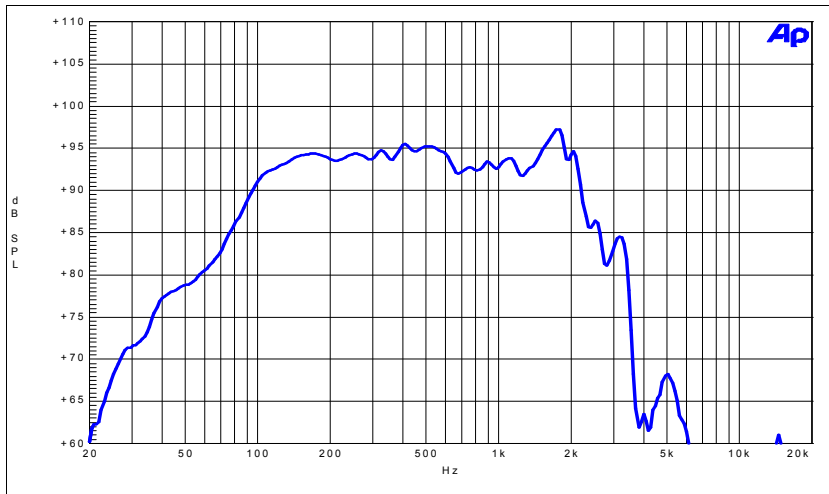




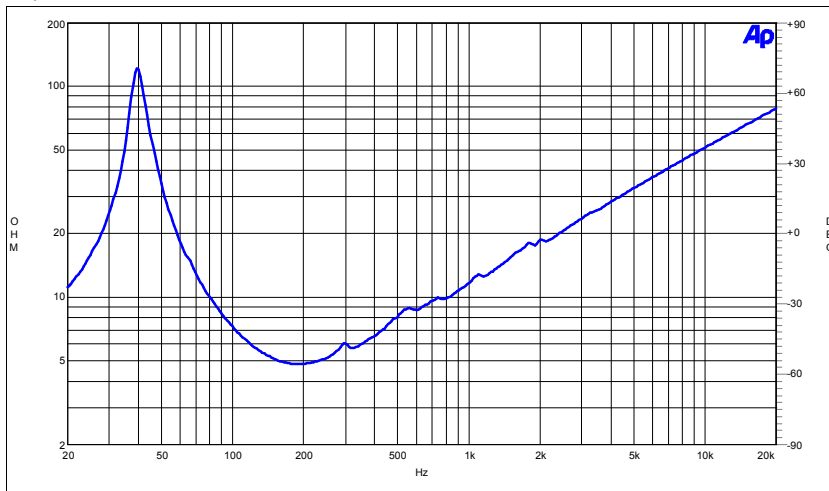
15PZB100-4

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	15"
Nominal Impedance	4 Ω
Minimum Impedance	4.8 Ω
Power Handling	
Nominal ¹	700 W
Continuous Program ²	1.400 W
Sensitivity (1W/1m) ³	96 dB
Frequency Range	Fs to 2000 Hz
Voice Coil Diameter	100,00 mm
Winding Material	Copper
Former Material	Fiber Glass
Winding Depth	19,00 mm
Magnetic Gap Depth	8.5 mm
Flux Density	1.2 T
Surround Material	PolyCotton
Surround Shape	Double 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 type="checkbox"/>
Demodulation Ring	<input type="checkbox"/>
Shorting Copper Ring	<input type="checkbox"/>
Double Spider	<input checked="" type="checkbox"/>
Vented Gap	<input type="checkbox"/>

06/05/2005

Thiele & Small Parameters⁴

Fs	41 Hz
Re	3,9 Ω
Qes	0,27
Qms	10,61
Qts	0,27
Vas	101,7 dm³
Sd	855 cm²
η ₀	2,52 %
Xmax	8,0 mm
Xvar	0,00 mm
Mms	150,8 g
Bl	23,75 Txm
Le	1,59 mH
Cms	99,1 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	174 mm (7.0 in)
Flange / Gasket Thickness	15 mm (5/8 in)
Net Weight	11.8 kg (26.8 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 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.