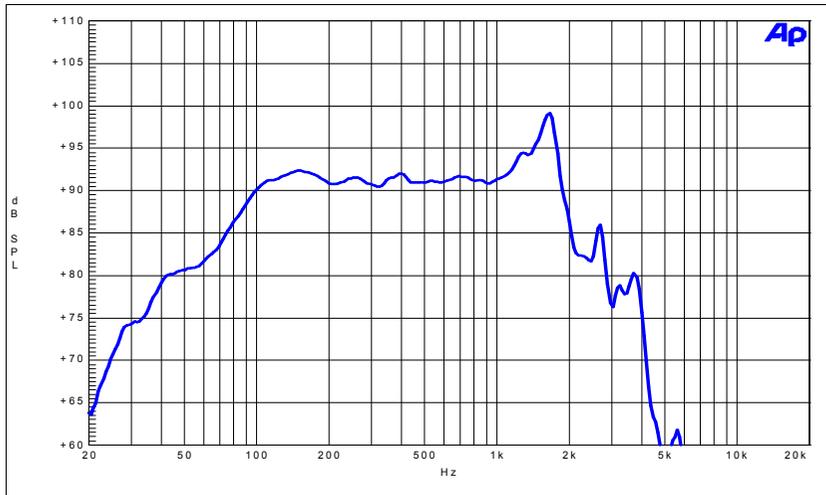




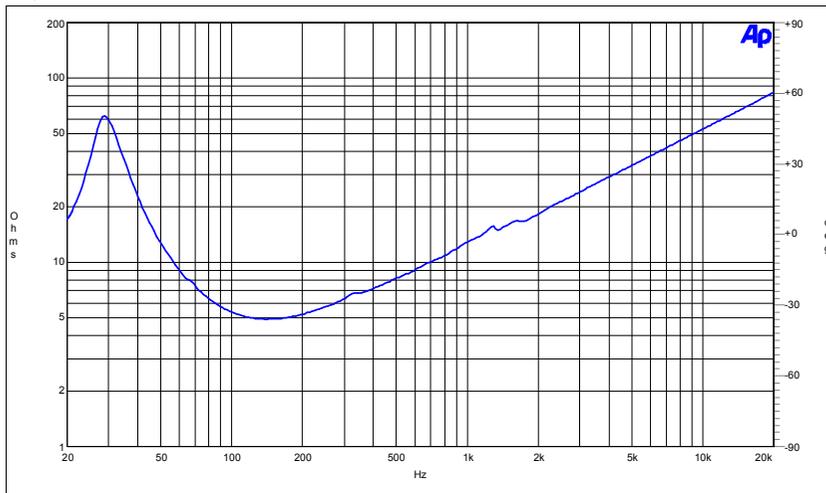
15PS100-4

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	15"
Nominal Impedance	4 Ω
Minimum Impedance	5 Ω
Power Handling	
Nominal ¹	700 W
Continuous Program ²	1.400 W
Sensitivity (1W/1m) ³	95 dB
Frequency Range	35-1000 Hz
Voice Coil Diameter	100,00 mm
Winding Material	Copper
Former Material	Fiber Glass
Winding Depth	19,00 mm
Magnetic Gap Depth	10,5 mm
Flux Density	1,05 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 checked="" type="checkbox"/>
Vented Gap	<input type="checkbox"/>

06/09/2005

Thiele & Small Parameters⁴

Fs	31 Hz
Re	4,0 Ω
Qes	0,33
Qms	6,50
Qts	0,32
Vas	172,0 dm³
Sd	855 cm²
η ₀	1,58 %
Xmax	8,0 mm
Xvar	8,00 mm
Mms	154,0 g
Bl	19,00 Txm
Le	1,40 mH
Cms	168,0 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	169 mm (6.65 in)
Flange / Gasket Thickness	15 mm (5/8 in)
Net Weight	9,8 kg (22.2 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.