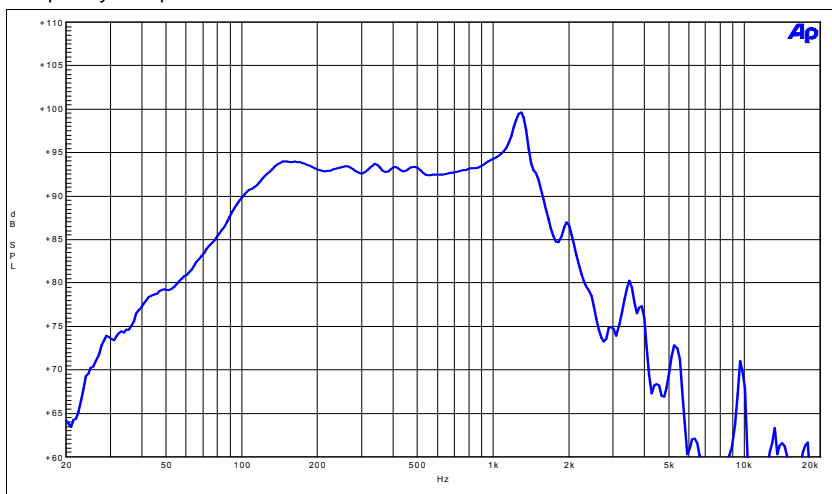




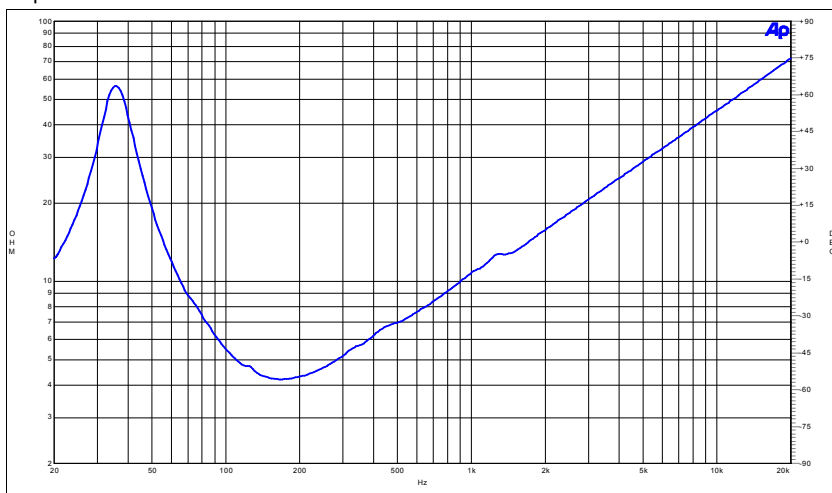
15SW115-4

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	15"
Nominal Impedance	4 Ω
Minimum Impedance	4,2 Ω
Power Handling	
Nominal ¹	1.700 W
Continuous Program ²	3.400 W
Sensitivity (1W/1m) ³	96 dB
Frequency Range	Fs to 1500 Hz
Voice Coil Diameter	115,00 mm
Winding Material	Copper
Former Material	Fiber Glass
Winding Depth	32,00 mm
Magnetic Gap Depth	16 mm
Flux Density	1,150 T
Surround Material	PolyCotton
Surround Shape	Triple Roll
Spider Material	PolyCotton
Magnet Material	Neodimium
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 checked="" type="checkbox"/>
Shorting Copper Ring	<input type="checkbox"/>
Double Spider	<input checked="" type="checkbox"/>
Vented Gap	<input checked="" type="checkbox"/>

19/10/2010

Thiele & Small Parameters⁴

Fs	34 Hz
Re	3,2 Ω
Qes	0,23
Qms	5,80
Qts	0,22
Vas	105,0 dm ³
Sd	855 cm ²
η ₀	1,75 %
Xmax	12,5 mm
Xvar	12,50 mm
Mms	212,0 g
Bl	25,50 Txm
Le	1,27 mH
Cms	101,7 μm/N

Mounting Information

Overall Diameter	393 mm (15,5 in)
Bolt Circle Diameter	374 mm (14,7 in)
Baffle Cutout Diameter	354 mm (13,95 in)
Depth	
Flange / Gasket Thickness	15 mm (0,6 in)
Net Weight	12 Kg (27,3 in)

(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 100 to 1000 Hz

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