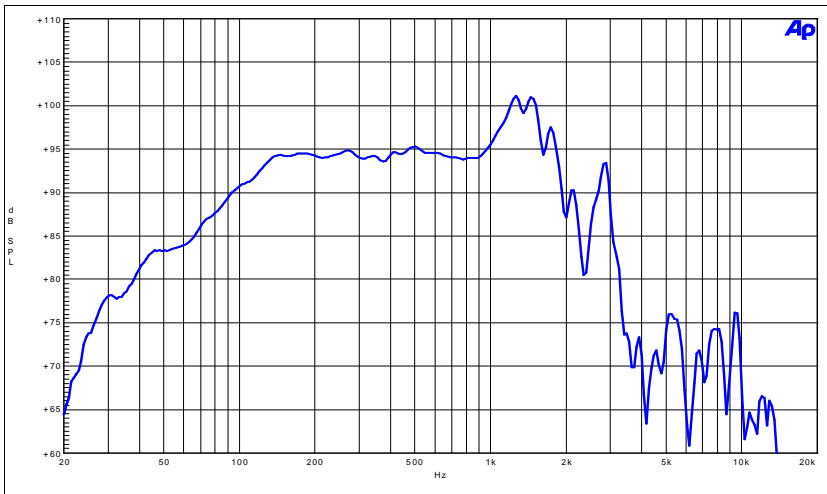




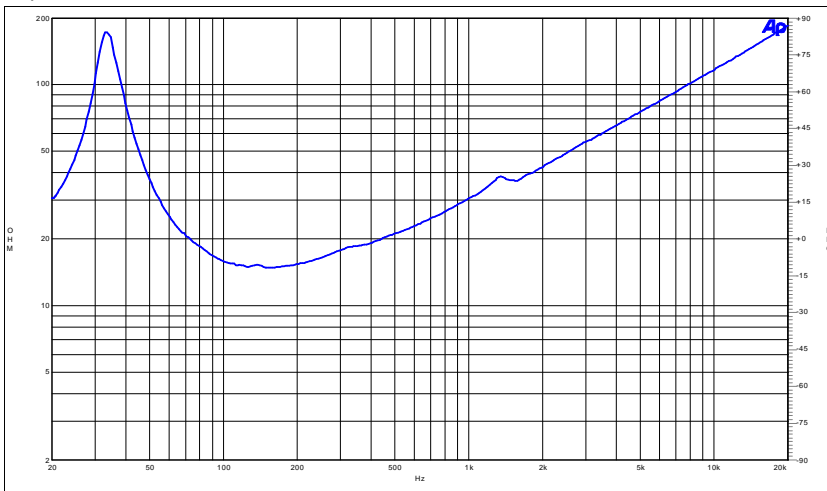
18SW115-16

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	18"
Nominal Impedance	16 Ω
Minimum Impedance	14,9 Ω
Power Handling	
Nominal ¹	1.500 W
Continuous Program ²	3.000 W
Sensitivity (1W/1m) ³	95 dB
Frequency Range	Fs to 1000 Hz
Voice Coil Diameter	116,00 mm
Winding Material	Copper
Former Material	Fiber Glass
Winding Depth	34,00 mm
Magnetic Gap Depth	12 mm
Flux Density	1,160 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"/>

10/06/2011

Thiele & Small Parameters⁴

Fs	35 Hz
Re	12,8 Ω
Qes	0,48
Qms	7,21
Qts	0,45
Vas	163,8 dm³
Sd	1.210 cm²
η ₀	1,38 %
Xmax	14,0 mm
Xvar	14,00 mm
Mms	263,8 g
Bl	39,37 Txm
Le	3,18 mH
Cms	79,7 μm/N

Mounting Information

Overall Diameter	460 mm (18.0 in)
Bolt Circle Diameter	440 mm (17,3 in)
Baffle Cutout Diameter	422 mm (16,6 in)
Depth	242 mm (9.53 in)
Flange / Gasket Thickness	16 mm (5/8 in)
Net Weight	12 Kg (26.5lb)

(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 100 to 1000 Hz

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