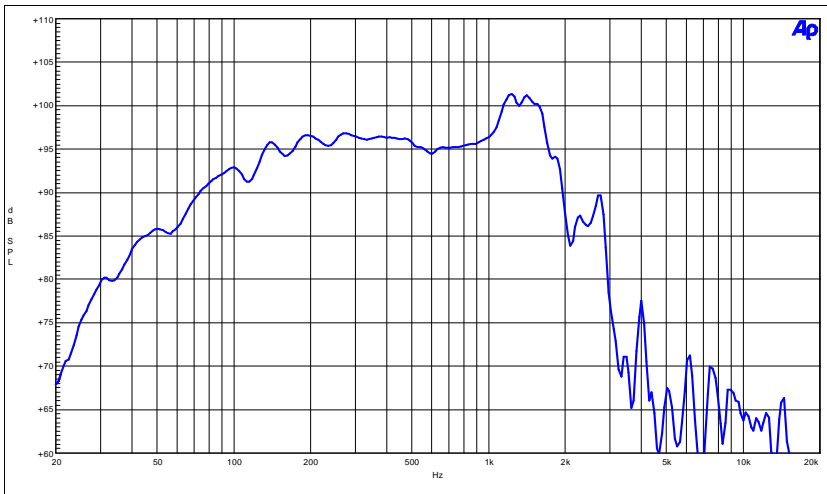




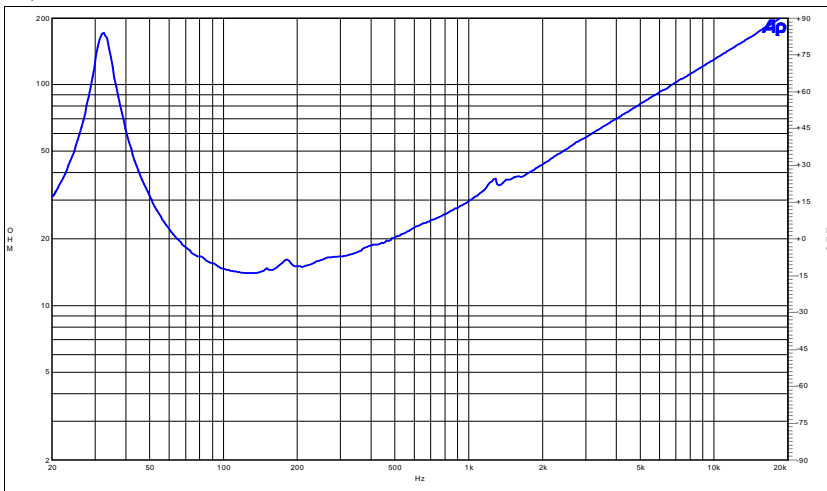
21SW152-16

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	21"
Nominal Impedance	16 Ω
Minimum Impedance	14 Ω
Power Handling	
Nominal ¹	2.000 W
Continuous Program ²	4.000 W
Sensitivity (1W/1m) ³	96 dB
Frequency Range	Fs to 1000 Hz
Voice Coil Diameter	153,00 mm
Winding Material	Copper
Former Material	Fiber Glass
Winding Depth	33,00 mm
Magnetic Gap Depth	12 mm
Flux Density	1,200 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"/>

05/04/2012

Thiele & Small Parameters⁴

Fs	33 Hz
Re	11,9 Ω
Qes	0,46
Qms	6,79
Qts	0,43
Vas	222,0 dm³
Sd	1.680 cm²
η ₀	1,61 %
Xmax	13,5 mm
Xvar	17,00 mm
Mms	422,9 g
Bl	47,31 Txm
Le	3,78 mH
Cms	56,0 μm/N

Mounting Information

Overall Diameter	547 mm (21.5 in)
Bolt Circle Diameter	527 mm (20,7 in)
Baffle Cutout Diameter	508 mm (20 in)
Depth	261mm (10.3 in)
Flange / Gasket Thickness	16 mm (0.63 in)
Net Weight	18.5 Kg (40.8 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 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.