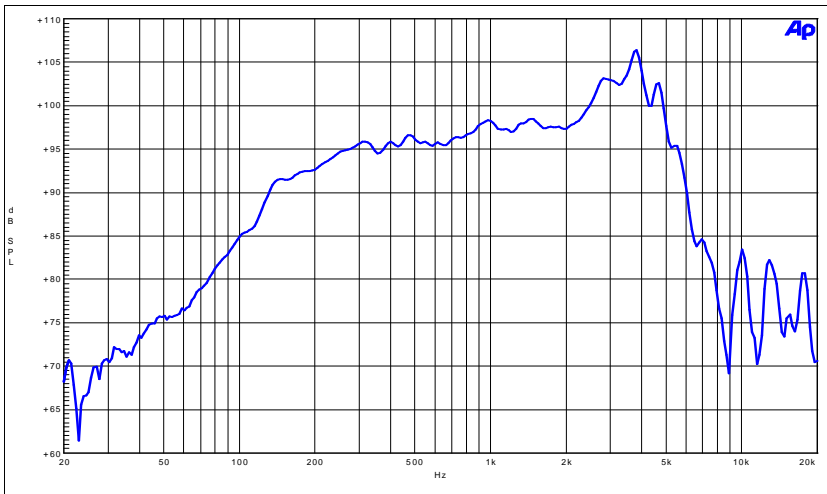




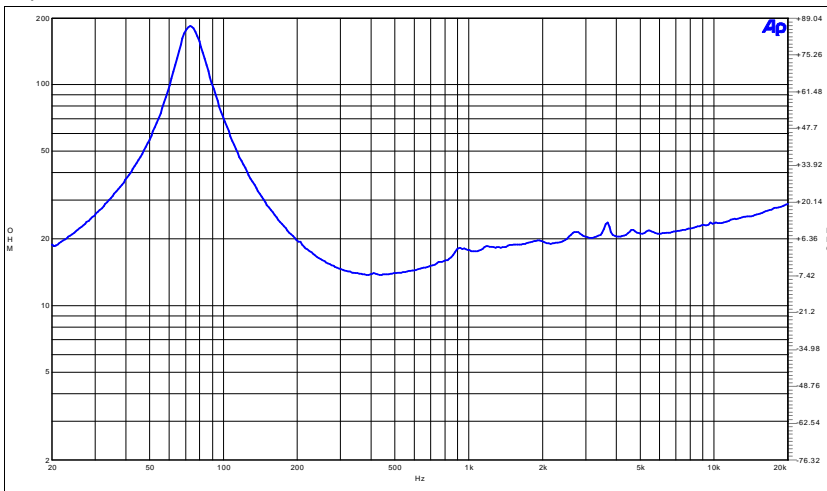
8FW51-16

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	8"
Nominal Impedance	16 Ω
Minimum Impedance	13,8 Ω
Power Handling	
Nominal ¹	200 W
Continuous Program ²	400 W
Sensitivity (1W/1m) ³	97 dB
Frequency Range	Fs to 3000 Hz
Voice Coil Diameter	51,00 mm
Winding Material	Copper
Former Material	Kapton
Winding Depth	16,50 mm
Magnetic Gap Depth	10 mm
Flux Density	1.35 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 checked="" type="checkbox"/>
Demodulation Ring	<input type="checkbox"/>
Shorting Copper Ring	<input checked="" type="checkbox"/>
Double Spider	<input type="checkbox"/>
Vented Gap	<input type="checkbox"/>

10/10/2011

Thiele & Small Parameters⁴

Fs	78 Hz
Re	10,0 Ω
Qes	0,24
Qms	4,51
Qts	0,23
Vas	10,8 dm ³
Sd	220 cm ²
η ₀	2,07 %
Xmax	6,0 mm
Xvar	6,50 mm
Mms	26,3 g
Bl	23,39 Txm
Le	0,85 mH
Cms	158,6 μm/N

Mounting Information

Overall Diameter	225 mm (8,8 in)
Bolt Circle Diameter	210 mm (8,3 in)
Baffle Cutout Diameter	187 mm (7,4 in)
Depth	102 mm (4 in)
Flange / Gasket Thickness	9,5 mm (3/8 in)
Net Weight	5,3 Kg (12,0 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 200 to 2000 Hz

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