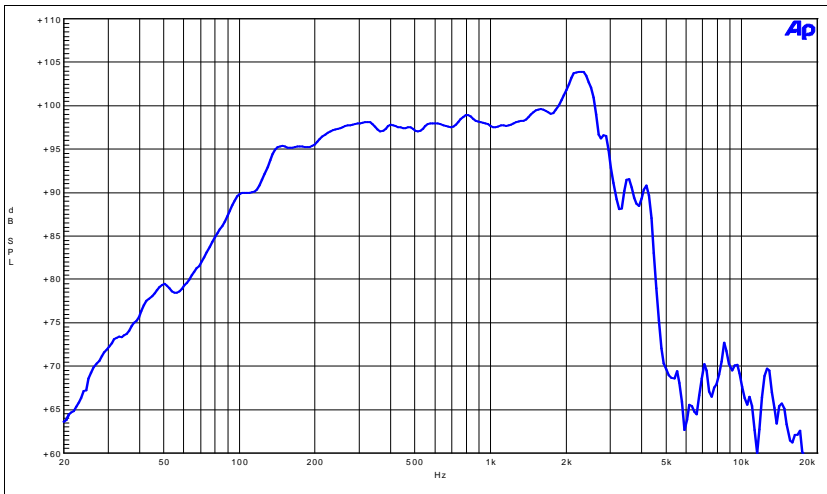




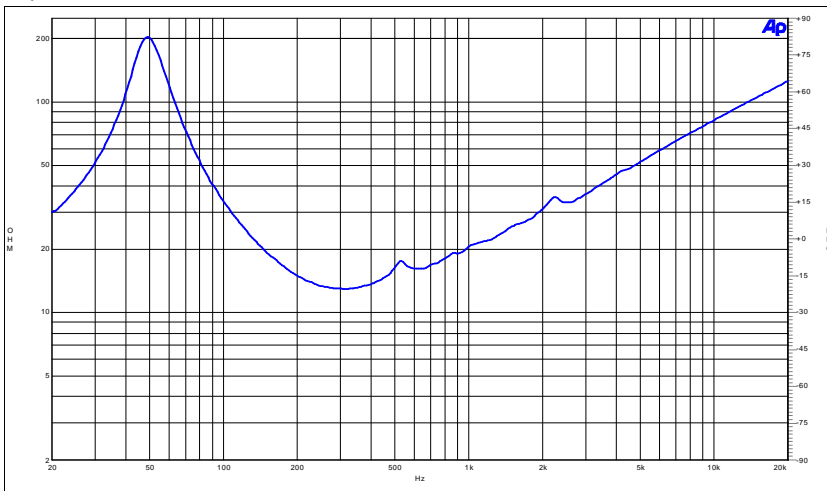
12FW76-16

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	12"
Nominal Impedance	16 Ω
Minimum Impedance	13 Ω
Power Handling	
Nominal ¹	500 W
Continuous Program ²	1.000 W
Sensitivity (1W/1m) ³	100 dB
Frequency Range	Fs to 3000 Hz
Voice Coil Diameter	76,00 mm
Winding Material	Copper
Former Material	Fiber Glass
Winding Depth	19,00 mm
Magnetic Gap Depth	11 mm
Flux Density	1,357 T
Surround Material	PolyCotton
Surround Shape	Triple Roll
Spider Material	PolyCotton
Magnet Material	Ceramic
Cone Material	Paper
Water Proof Front Side (WP)	<input checked="" type="checkbox"/>
Water Proof Both Sides (TWP)	<input type="checkbox"/>
Epoxy Treatment	<input type="checkbox"/>
Demodulation Ring	<input checked="" type="checkbox"/>
Shorting Copper Ring	<input type="checkbox"/>
Double Spider	<input type="checkbox"/>
Vented Gap	<input type="checkbox"/>

10/01/2013

Thiele & Small Parameters⁴

Fs	51 Hz
Re	10,1 Ω
Qes	0,20
Qms	4,70
Qts	0,19
Vas	56,4 dm³
Sd	522 cm²
η ₀	3,52 %
Xmax	7,0 mm
Xvar	10,00 mm
Mms	67,2 g
Bl	32,90 Txm
Le	2,46 mH
Cms	147,5 μm/N

Mounting Information

Overall Diameter	315 mm (12.5 in)
Bolt Circle Diameter	298 mm (11.7 in)
Baffle Cutout Diameter	283 mm (11.2 in)
Depth	145 mm (5,7 in)
Flange / Gasket Thickness	13 mm (0.51 in)
Net Weight	8,5 Kg (19,3 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.