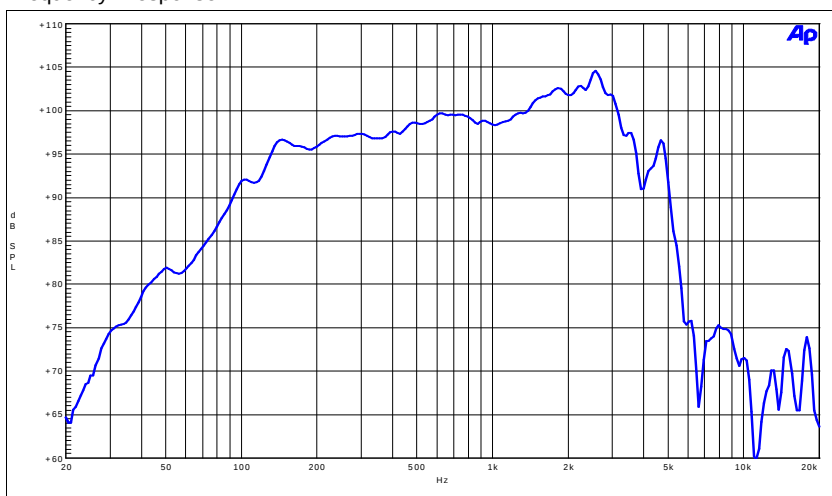




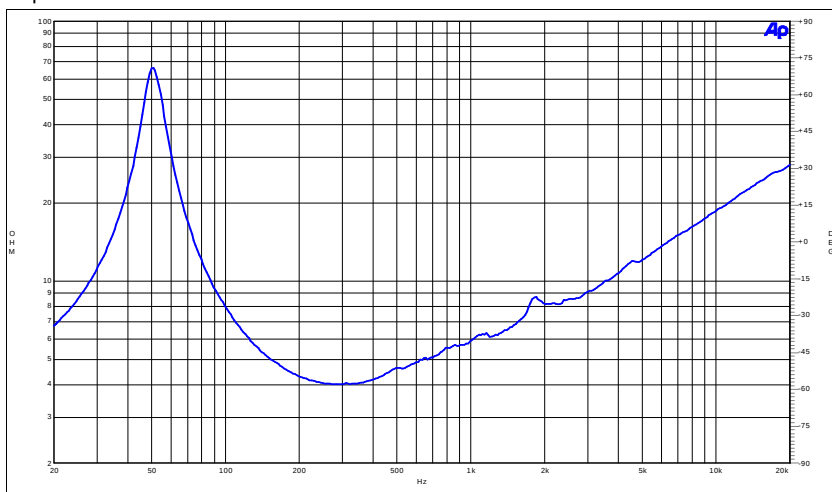
12FW64-4

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	12"
Nominal Impedance	4 Ω
Minimum Impedance	4 Ω
Power Handling	
Nominal ¹	250 W
Continuous Program ²	500 W
Sensitivity (1W/1m) ³	98 dB
Frequency Range	Fs to 3500 Hz
Voice Coil Diameter	64,00 mm
Winding Material	Aluminium
Former Material	Fiber Glass
Winding Depth	13,00 mm
Magnetic Gap Depth	8 mm
Flux Density	1,320 T
Surround Material	PolyCotton
Surround Shape	Double Roll
Spider Material	PolyCotton
Magnet Material	Ceramic
Cone Material	Paper
Water Proof Front Side (WP)	☒
Water Proof Both Sides (TWP)	☐
Epoxy Treatment	☐
Demodulation Ring	☐
Shorting Copper Ring	☐
Double Spider	☐
Vented Gap	☐

03/07/2012

Thiele & Small Parameters⁴

Fs	53 Hz
Re	3,4 Ω
Qes	0,32
Qms	6,39
Qts	0,30
Vas	80,9 dm ³
Sd	522 cm ²
η_0	3,32 %
Xmax	4,5 mm
Xvar	4,00 mm
Mms	45,4 g
Bl	12,59 Txm
Le	0,56 mH
Cms	211,3 μ m/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	135 mm (5,31 in)
Flange / Gasket Thickness	13 mm (0.51 in)
Net Weight	5,6 Kg (12,7 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 2V for 4 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.