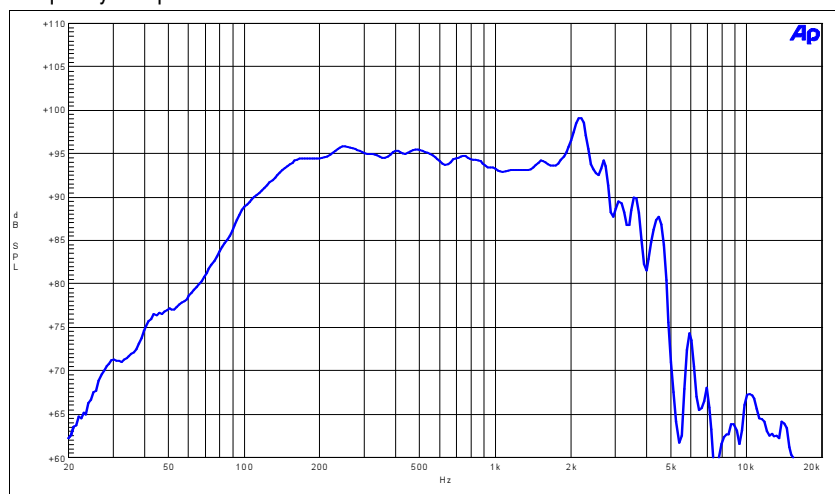




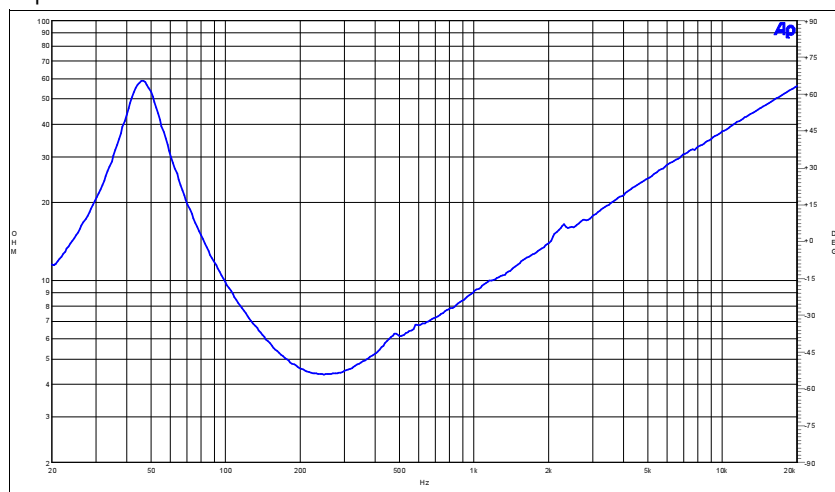
12CL76-4

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	12"
Nominal Impedance	4 Ω
Minimum Impedance	4,2 Ω
Power Handling	
Nominal ¹	350 W
Continuous Program ²	700 W
Sensitivity (1W/1m) ³	98 dB
Frequency Range	Fs to 3000 Hz
Voice Coil Diameter	76,00 mm
Winding Material	Copper
Former Material	Fiber Glass
Winding Depth	17,00 mm
Magnetic Gap Depth	11 mm
Flux Density	1,050 T
Surround Material	PolyCotton
Surround Shape	Triple Roll
Spider Material	PolyCotton
Magnet Material	Neodimium
Cone Material	Carbon Fiber
Water Proof Front Side (WP)	☒
Water Proof Both Sides (TWP)	☐
Epoxy Treatment	☒
Demodulation Ring	☐
Shorting Copper Ring	☐
Double Spider	☐
Vented Gap	☒

11/03/2010

Thiele & Small Parameters⁴

Fs	48 Hz
Re	3,4 Ω
Qes	0,20
Qms	3,41
Qts	0,19
Vas	60,0 dm ³
Sd	522 cm ²
η_0	2,99 %
Xmax	6,0 mm
Xvar	8,00 mm
Mms	74,3 g
Bl	19,47 Txm
Le	1,22 mH
Cms	156,8 μ m/N

Mounting Information

Overall Diameter	311 mm (12,25 in)
Bolt Circle Diameter	296 mm (11,65 in)
Baffle Cutout Diameter	281 mm (11,0 in)
Depth	140 mm (5,6 in)
Flange / Gasket Thickness	9,5 mm (0,4 in)
Net Weight	3,0 Kg (6,6 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 100 to 500 Hz

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