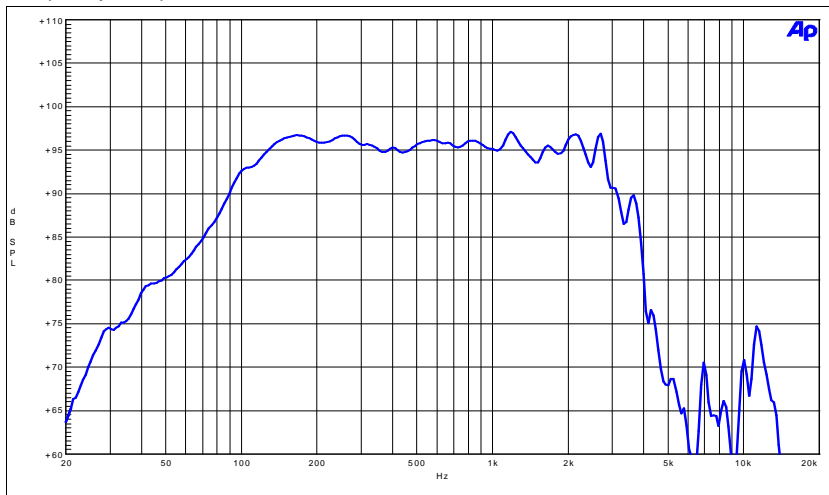




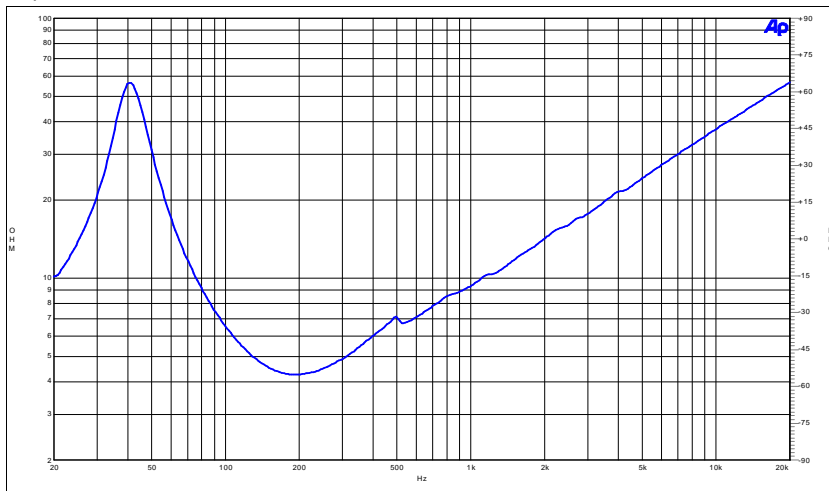
15CL76-4

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	15"
Nominal Impedance	4 Ω
Minimum Impedance	4,3 Ω
Power Handling	
Nominal ¹	400 W
Continuous Program ²	800 W
Sensitivity (1W/1m) ³	98 dB
Frequency Range	Fs to 2000 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	1,150 T
Surround Material	PolyCotton
Surround Shape	Triple Roll
Spider Material	PolyCotton
Magnet Material	Neodimium
Cone Material	Paper
Water Proof Front Side (WP)	<input checked="" type="checkbox"/>
Water Proof Both Sides (TWP)	<input type="checkbox"/>
Epoxy Treatment	<input checked="" type="checkbox"/>
Demodulation Ring	<input type="checkbox"/>
Shorting Copper Ring	<input type="checkbox"/>
Double Spider	<input type="checkbox"/>
Vented Gap	<input type="checkbox"/>

15/03/2010

Thiele & Small Parameters⁴

Fs	42 Hz
Re	3,5 Ω
Qes	0,27
Qms	4,68
Qts	0,25
Vas	139,9 dm ³
Sd	855 cm ²
η ₀	3,67 %
Xmax	7,0 mm
Xvar	8,00 mm
Mms	106,4 g
Bl	19,08 Txm
Le	1,00 mH
Cms	136,2 μm/N

Mounting Information

Overall Diameter	316 mm (12,4 in)
Bolt Circle Diameter	296 mm (11,6 in)
Baffle Cutout Diameter	282 mm (11,1 in)
Depth	172 mm (6,8 in)
Flange / Gasket Thickness	12,5 mm (1/2 in)
Net Weight	3,2 Kg (7,0 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 2V for 4 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.