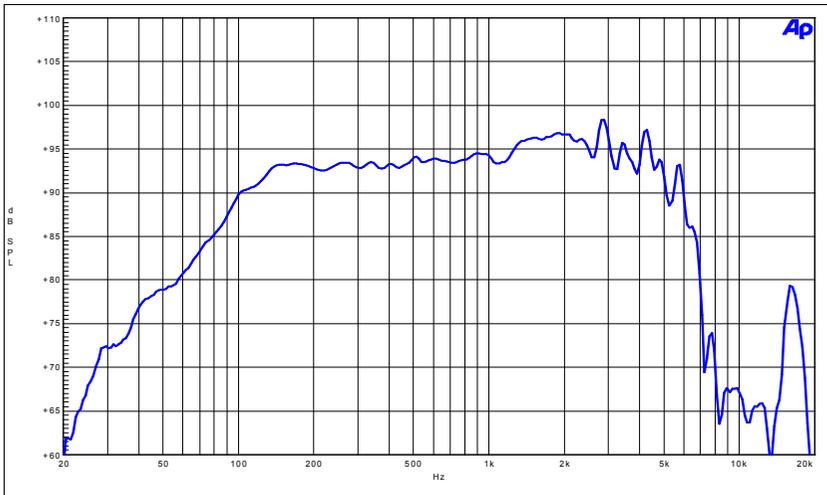




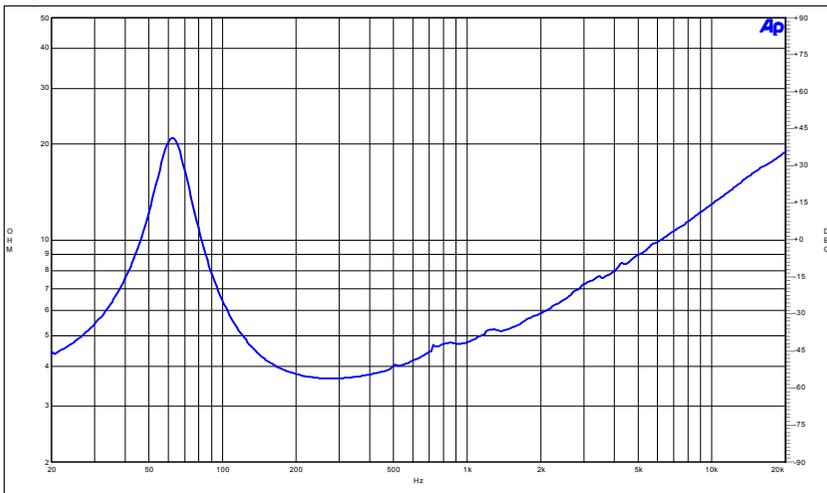
10CL51-4

Rev: 1

Frequency Response



Impedance



Specifications

Nominal Diameter	10"
Nominal Impedance	4 Ω
Minimum Impedance	3,6 Ω
Power Handling	
Nominal ¹	200 W
Continuous Program ²	400 W
Sensitivity (1W/1m) ³	93 dB
Frequency Range	Fs to 5000 Hz
Voice Coil Diameter	51,00 mm
Winding Material	Aluminium
Former Material	Fiber Glass
Winding Depth	15,50 mm
Magnetic Gap Depth	8 mm
Flux Density	1,05 T
Surround Material	PolyCotton
Surround Shape	Double Roll
Spider Material	PolyCotton
Magnet Material	Neodimium
Cone Material	Paper
Water Proof Front Side (WP)	<input type="checkbox"/>
Water Proof Both Sides (TWP)	<input type="checkbox"/>
Epoxy Treatment	<input type="checkbox"/>
Demodulation Ring	<input type="checkbox"/>
Shorting Copper Ring	<input type="checkbox"/>
Double Spider	<input type="checkbox"/>
Vented Gap	<input type="checkbox"/>

08/04/2010

Thiele & Small Parameters⁴

Fs	59 Hz
Re	3,3 Ω
Qes	0,63
Qms	3,80
Qts	0,54
Vas	35,7 dm³
Sd	320 cm²
η ₀	1,12 %
Xmax	5,8 mm
Xvar	5,20 mm
Mms	29,4 g
Bl	7,60 Txm
Le	0,37 mH
Cms	248,2 μm/N

Mounting Information

Overall Diameter	256 mm (10 in)
Bolt Circle Diameter	246 mm (9,7 in)
Baffle Cutout Diameter	230 mm (9 in)
Depth	108 mm (4,25 in)
Flange / Gasket Thickness	7,5 mm (0,3 in)
Net Weight	1,2 Kg (2,64 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.