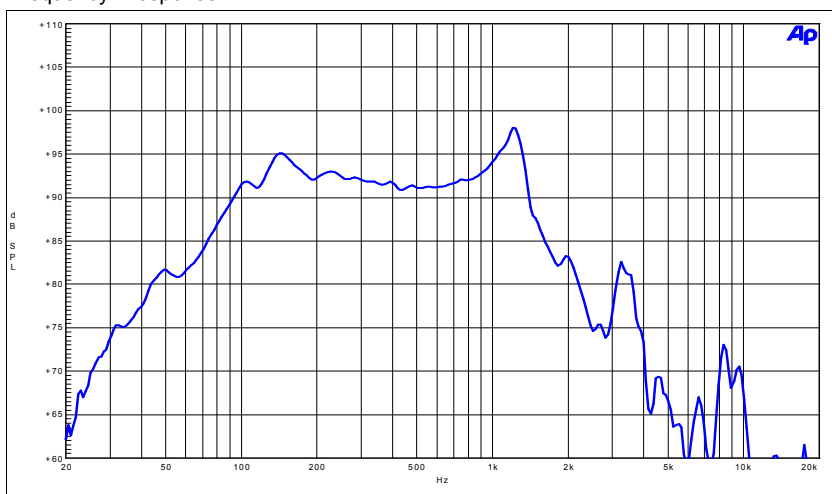




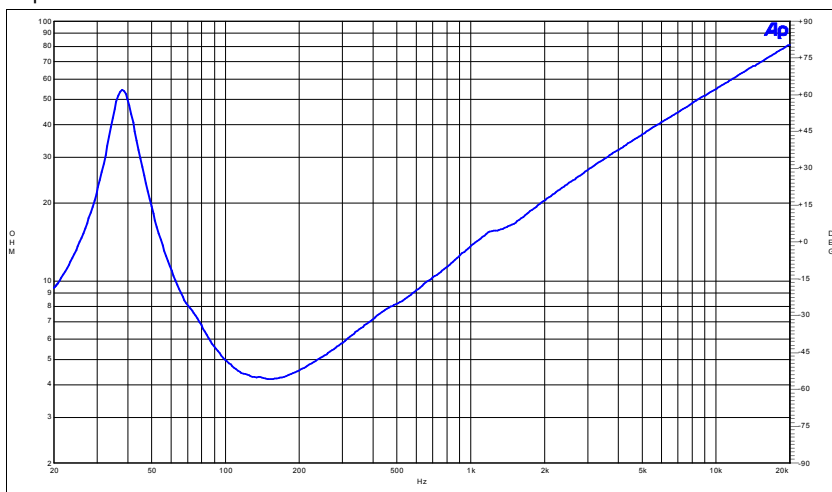
# 15TBW100-4

Rev: 0

Frequency Response



Impedance



## Specifications

Nominal Diameter	15"
Nominal Impedance	4 $\Omega$
Minimum Impedance	4,2 $\Omega$
Power Handling	
Nominal <sup>1</sup>	1.500 W
Continuous Program <sup>2</sup>	3.000 W
Sensitivity (1W/1m) <sup>3</sup>	95 dB
Frequency Range	Fs to 1500 Hz
Voice Coil Diameter	100,00 mm
Winding Material	Copper
Former Material	Fiber Glass
Winding Depth	31,00 mm
Magnetic Gap Depth	15 mm
Flux Density	1,150 T
Surround Material	PolyCotton
Surround Shape	Triple Roll
Spider Material	PolyCotton
Magnet Material	Ceramic
Cone Material	Paper
Water Proof Front Side (WP)	<input type="checkbox"/>
Water Proof Both Sides (TWP)	<input checked="" type="checkbox"/>
Epoxy Treatment	<input checked="" type="checkbox"/>
Demodulation Ring	<input checked="" type="checkbox"/>
Shorting Copper Ring	<input type="checkbox"/>
Double Spider	<input checked="" type="checkbox"/>
Vented Gap	<input checked="" type="checkbox"/>

02/12/2011

## Thiele & Small Parameters<sup>4</sup>

Fs	39 Hz
Re	3,2 $\Omega$
Qes	0,30
Qms	5,55
Qts	0,28
Vas	88,0 dm <sup>3</sup>
Sd	855 cm <sup>2</sup>
$\eta_0$	1,64 %
Xmax	12,0 mm
Xvar	13,50 mm
Mms	197,3 g
Bl	22,56 Txm
Le	1,64 mH
Cms	85,7 $\mu$ m/N

## Mounting Information

Overall Diameter	393 mm ( 15,5 in )
Bolt Circle Diameter	374 mm ( 14,7 in )
Baffle Cutout Diameter	354 mm ( 13,95 in )
Depth	195 mm ( 7,67 in )
Flange / Gasket Thickness	15 mm ( 0,6 in )
Net Weight	15,0 Kg ( 34,1 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.