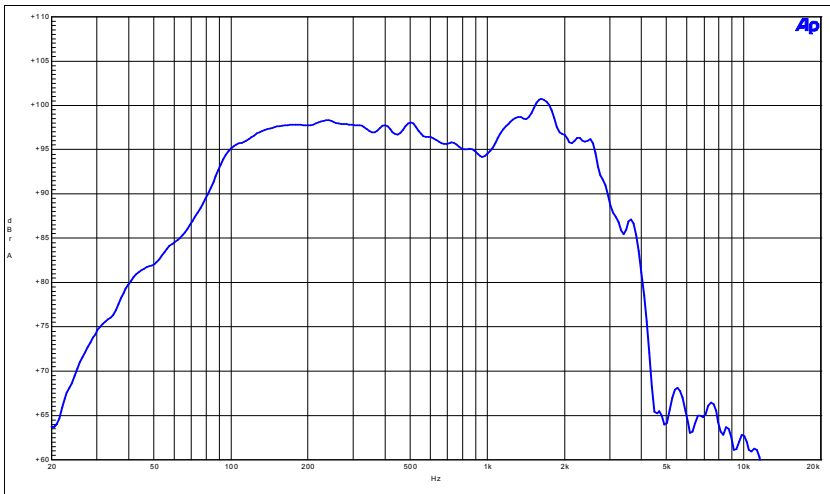




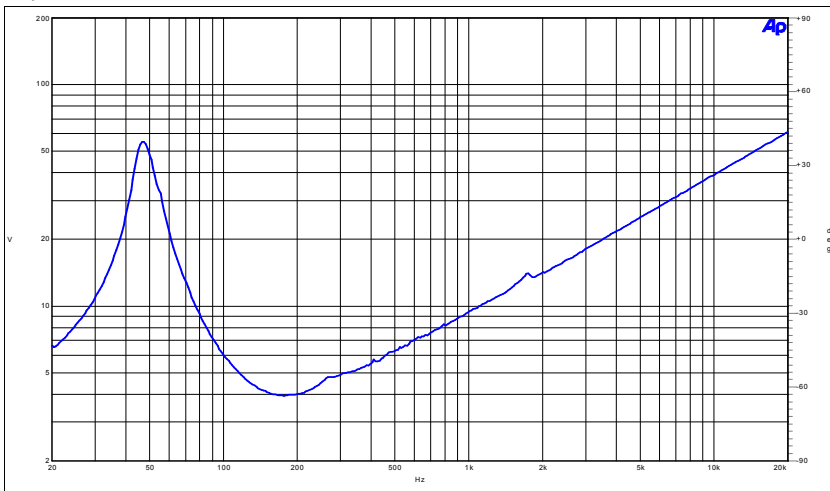
18PS76-4

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	18"
Nominal Impedance	4 Ω
Minimum Impedance	3.9 Ω
Power Handling	
Nominal ¹	700 W
Continuous Program ²	1.400 W
Sensitivity (1W/1m) ³	99 dB
Frequency Range	Fs to 2000 Hz
Voice Coil Diameter	76,00 mm
Winding Material	Copper
Former Material	Fiber Glass
Winding Depth	22,50 mm
Magnetic Gap Depth	11 mm
Flux Density	1.25 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 type="checkbox"/>
Shorting Copper Ring	<input type="checkbox"/>
Double Spider	<input checked="" type="checkbox"/>
Vented Gap	<input type="checkbox"/>

14/03/2005

Thiele & Small Parameters⁴

Fs	49 Hz
Re	3,0 Ω
Qes	0,32
Qms	6,34
Qts	0,31
Vas	139,0 dm³
Sd	1.220 cm²
η ₀	3,72 %
Xmax	7,0 mm
Xvar	8,00 mm
Mms	160,8 g
Bl	21,20 Txm
Le	1,91 mH
Cms	66,5 μm/N

Mounting Information

Overall Diameter	460 mm (18 in)
Bolt Circle Diameter	440 mm (17.3 in)
Baffle Cutout Diameter	422 mm (16.6 in)
Depth	200 mm (7,8 in)
Flange / Gasket Thickness	16 mm (5/8 in)
Net Weight	10,7 kg (23,5 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 150 to 500 Hz

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