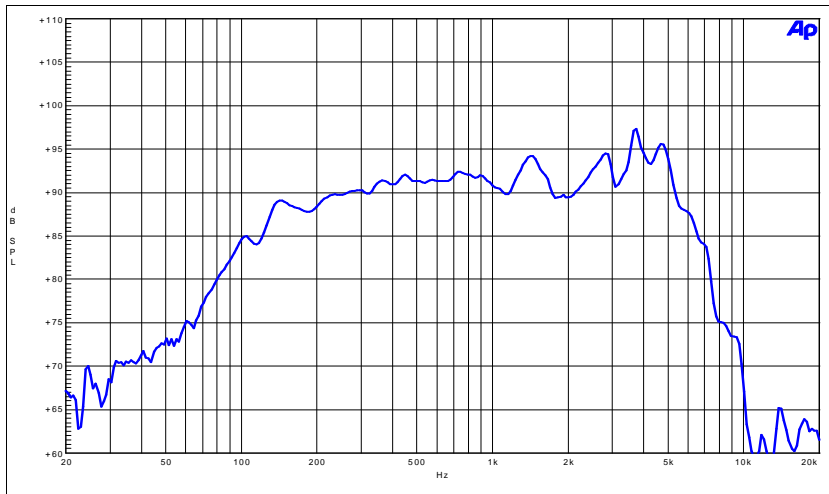




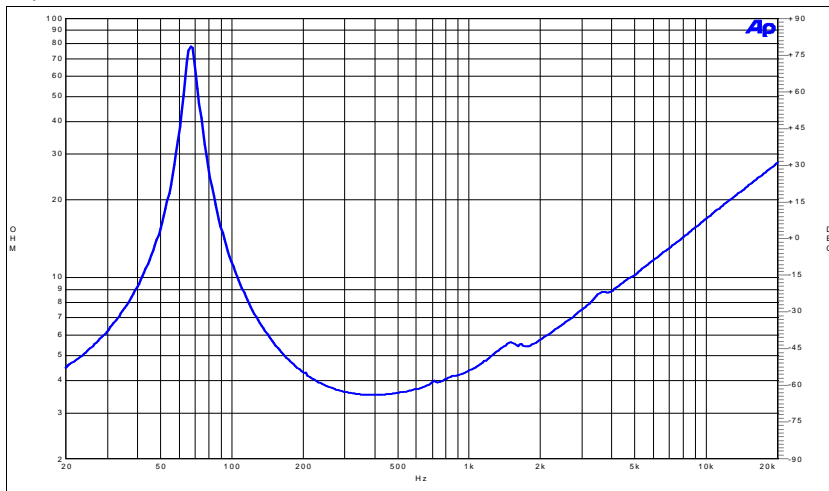
6PS38-4

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	6"
Nominal Impedance	4 Ω
Minimum Impedance	3,5 Ω
Power Handling	
Nominal ¹	150 W
Continuous Program ²	300 W
Sensitivity (1W/1m) ³	93 dB
Frequency Range	Fs to 6000 Hz
Voice Coil Diameter	38,00 mm
Winding Material	Copper
Former Material	Kapton
Winding Depth	12,00 mm
Magnetic Gap Depth	6 mm
Flux Density	1.2 T
Surround Material	Rubber
Surround Shape	Roll
Spider Material	PolyCotton
Magnet Material	Ceramic
Cone Material	Paper
Water Proof Front Side (WP)	<input checked="" type="checkbox"/>
Water Proof Both Sides (TWP)	<input type="checkbox"/>
Epoxy Treatment	<input type="checkbox"/>
Demodulation Ring	<input checked="" type="checkbox"/>
Shorting Copper Ring	<input type="checkbox"/>
Double Spider	<input type="checkbox"/>
Vented Gap	<input type="checkbox"/>

07/07/2005

Thiele & Small Parameters⁴

Fs	68 Hz
Re	3,0 Ω
Qes	0,32
Qms	9,00
Qts	0,31
Vas	8,5 dm ³
Sd	132 cm ²
η ₀	0,69 %
Xmax	4,0 mm
Xvar	6,00 mm
Mms	17,5 g
Bl	8,20 Txm
Le	0,42 mH
Cms	340,0 μm/N

Mounting Information

Overall Diameter	187mm (7,4in)
Bolt Circle Diameter	172mm (6,7in)
Baffle Cutout Diameter	145mm (5,7in)
Depth	82 (3.2 in)
Flange / Gasket Thickness	11mm (0,4in)
Net Weight	2.2 Kg (4.9 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 200 to 2000 Hz

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