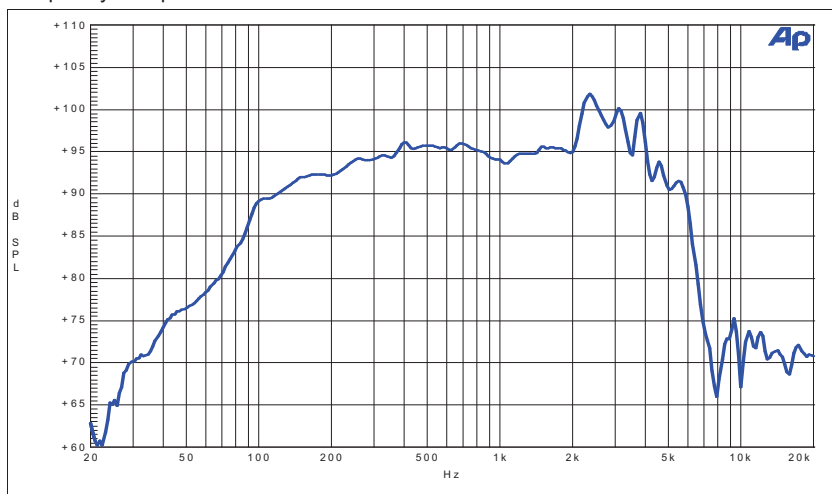




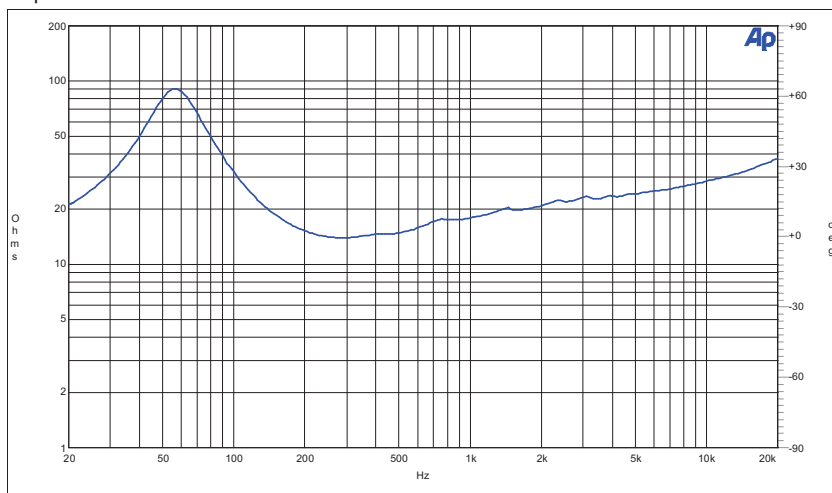
10NW64-16

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	10"
Nominal Impedance	16 Ω
Minimum Impedance	14 Ω
Power Handling	
Nominal ¹	300 W
Continuous Program ²	600 W
Sensitivity (1W/1m) ³	96 dB
Frequency Range	Fs to 3000 Hz
Voice Coil Diameter	64,00 mm
Winding Material	Copper
Former Material	Fiber Glass
Winding Depth	18,00 mm
Magnetic Gap Depth	8 mm
Flux Density	1.25 T
Surround Material	PolyCotton
Surround Shape	Double Roll
Spider Material	PolyCotton
Magnet Material	Neodimium
Cone Material	Paper
Water Proof Front Side (WP)	☐
Water Proof Both Sides (TWP)	☒
Epoxy Treatment	☐
Demodulation Ring	☐
Shorting Copper Ring	☒
Double Spider	☐
Vented Gap	☒

13/02/2006

Thiele & Small Parameters⁴

Fs	59 Hz
Re	11,0 Ω
Qes	0,33
Qms	2,42
Qts	0,29
Vas	24,2 dm ³
Sd	320 cm ²
η_0	1,50 %
Xmax	8,0 mm
Xvar	0,00 mm
Mms	42,7 g
Bl	23,20 Txm
Le	1,00 mH
Cms	168,2 μ m/N

Mounting Information

Overall Diameter	261 mm (10.3 in)
Bolt Circle Diameter	245 mm (9.6 in)
Baffle Cutout Diameter	230 mm (9 in)
Depth	113 mm (4.4 in)
Flange / Gasket Thickness	12.5 mm (1/2 in)
Net Weight	2.9 kg (6.4 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 4V for 16 ohms Nominal Impedance. Average SPL from 300 to 3000 Hz

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