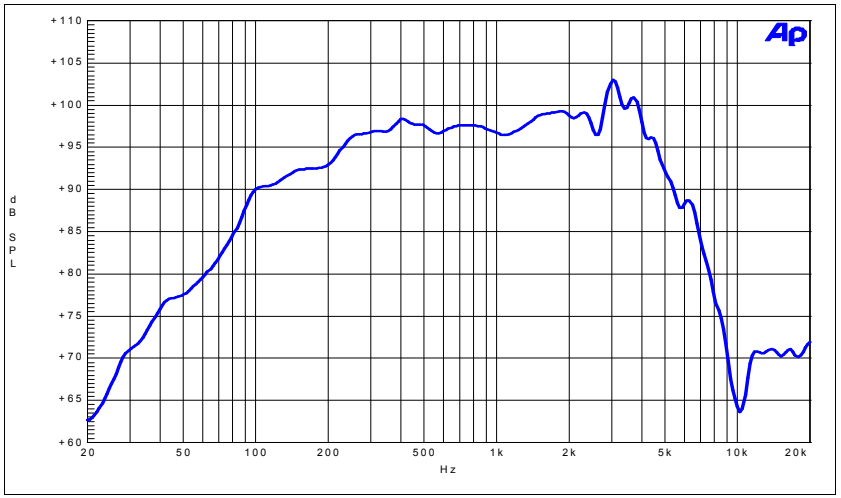
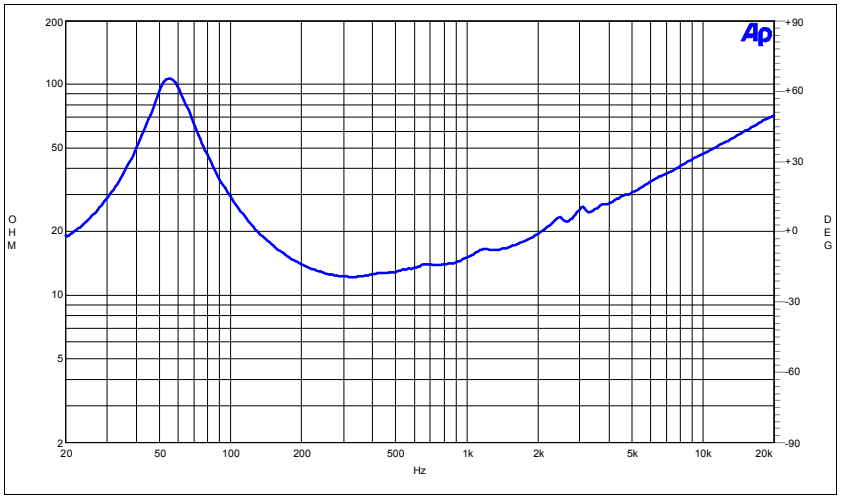
# 10NDL64-16

Rev: 0

Frequency Response




Impedance




## Specifications

| | |
|---|---|
| Nominal Diameter | **10"** |
| Nominal Impedance | **16 Ω** |
| Minimum Impedance | **12.2 Ω** |
| Power Handling | |
| Nominal [1] | **250 W** |
| Continuous Program [2] | **500 W** |
| Sensitivity (1W/1m) [3] | **97 dB** |
| Frequency Range | **Fs to 2500 Hz** |
| Voice Coil Diameter | **64,00 mm** |
| Winding Material | **Aluminium** |
| Former Material | **Fiber Glass** |
| Winding Depth | **13,00 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 | ☑ |

17/05/2005

## Thiele & Small Parameters [4]

| | |
|---|---|
| Fs | **58 Hz** |
| Re | **10,5 Ω** |
| Qes | **0,33** |
| Qms | **3,56** |
| Qts | **0,30** |
| Vas | **34,5 $dm^3$** |
| Sd | **320 $cm^2$** |
| $\eta_0$ | **1,93 %** |
| Xmax | **6,0 mm** |
| Xvar | **7,00 mm** |
| Mms | **31,8 g** |
| Bl | **19,11 Txm** |
| Le | **1,30 mH** |
| Cms | **240,1 µm/N** |

## Mounting Information

| | |
|---|---|
| Overal 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 2.83V for 8 ohms Nominal Impedance. Average SPL from 200 to 2500 Hz

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