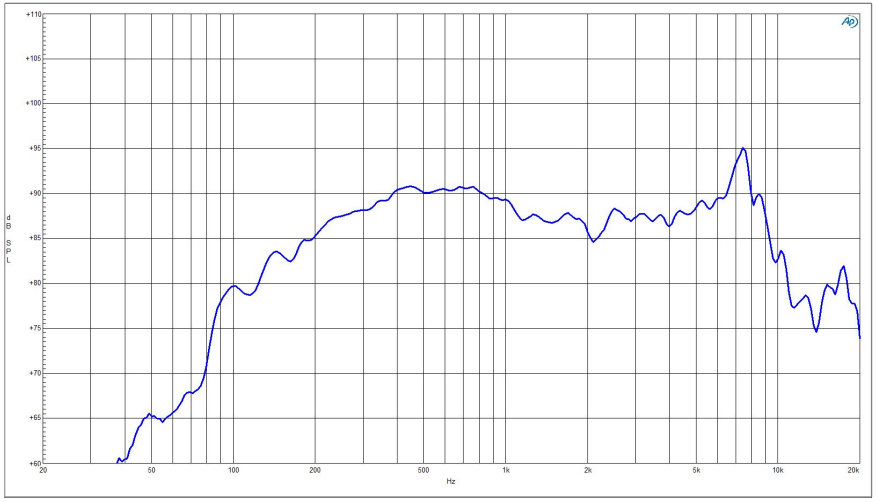
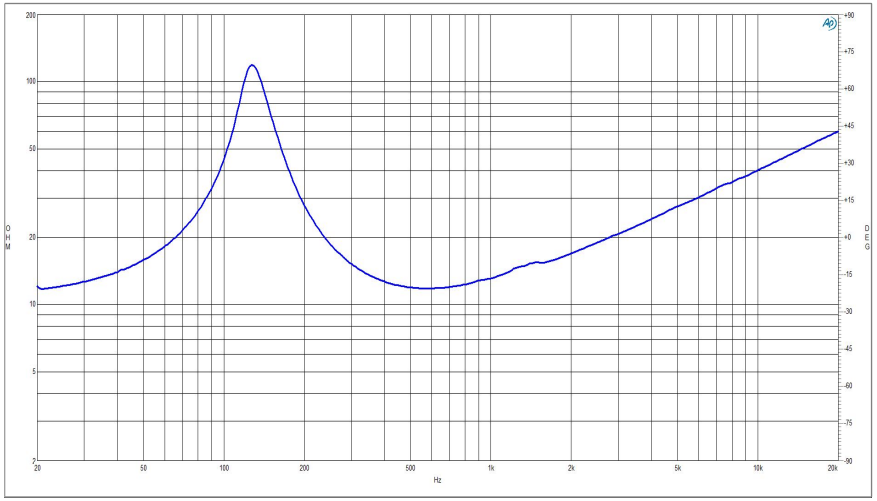
# 4NDF34-16

Frequency response



Impedance



## Specifications:

| | |
|---|---|
| Nominal Diameter | **4"** |
| Nominal Impedance | **16 Ω** |
| Minimum Impedance | **11,8 Ω** |
| Power Handling Nominal[1] | **100 W** |
| Continous Program[2] | **200 W** |
| Sensitivity (1W/1m)[3] | **91,0 dB** |
| Frequency Range | **Fs to 10000 Hz** |
| Voice Coil Diameter | **38 mm** |
| Winding material | **Copper** |
| Former Material | **Fiber Glass** |
| Winding depth | **11,0 mm** |
| Magnetic Gap Depth | **6,0 mm** |
| Flux Density | **1,35 T** |
| Surround Material | **Polycotton** |
| Surround Shape | **Double Roll** |
| Spider Material | **Conex** |
| Magnet Material | **Neodymium** |
| Cone Material | **Treated Paper** |
| Water Proof Front Side (WP) | ☐ |
| Water Proof Both Sides (TWP) | ☐ |
| Epoxy Treatment | ☐ |
| Demodulation Ring | ☐ |
| Shorting Copper Ring | ☐ |
| Double Spider | ☐ |
| Vented Gap | ☐ |

12/12/2017

## Thiele & Small Parameters [4]

| | |
|---|---|
| Fs | **136 Hz** |
| Re | **10,5 Ω** |
| Qes | **0,482** |
| Qms | **6,577** |
| Qts | **0,449** |
| Vas | **1,0 dm³** |
| Sd | **56 cm²** |
| $\eta_0$ | **0,50 %** |
| Xmax | **4,0 mm** |
| Xvar | **3,0 mm** |
| Mms | **6,0 g** |
| Bl | **10,62 Txm** |
| Le | **0,54 mH** |
| Cms | **226 µm/N** |

## Mounting Information

| | |
|---|---|
| Overall Diameter | **127,0/102,0 mm** |
| Bolt Circle Diameter | **115 mm (4,51 in)** |
| Baffle Cutout Diameter | **103 mm (4,06 in)** |
| Depth | **66 mm (2,58 in)** |
| Flange / Gasket Thickness | **3 mm (0,13 in)** |
| Net Weight | **567 g (1,25 lb)** |

(1) AES Standard

(2) Power of Continuous Program is defined as 3dB greater than the Nominal rating

(3) Applied RMS voltage is set to 4.00V for 16 ohms nominal impedance.

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