

ND9208W

Code:19102

☀ 8 inch ☀ 250 Watts
☀ 95 dB ☀ 63 ~ 4000 Hz

**KEY FEATURES:**

- ① 500 W continuous program power capacity
- ② High sensitivity 95dB/1w/1m
- ③ Extended smooth response up to 4000Hz
- ④ 2" high temperature voice coil
- ⑤ Neodymium magnet system
- ⑥ Ideal for line array or 2-way fullrange systems.

GENERAL SPECIFICATIONS

| | |
|-------------------------------------|-------------------|
| Nominal Diameter | 200mm /8inch |
| Rated Impedance | 8 ohm |
| Nominal Power handling ¹ | 250 Watts |
| Program Power ² | 500 Watts |
| Sensitivity(1w/1m) ³ | 95 dB |
| Frequency Range ⁴ | 63 ~ 4000Hz |
| Minimum Impedance(Zmin) | 6.7 ohm |
| Voice Coil Diameter | 50mm /2inch |
| Voice Coil Material | Copper |
| Former Material | Polyimide |
| Voice Coil Winding Depth | 18 mm |
| Number of layers | 2(inside/outside) |
| Magnet gap depth | 8 mm |
| Basket | Cast Aluminum |
| Flux Density | 1.6T |
| Magnet Material | Neodymium |

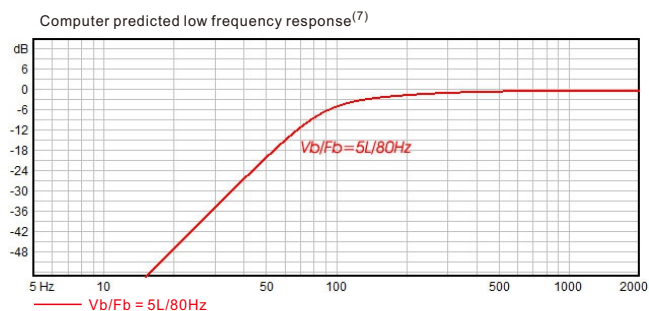
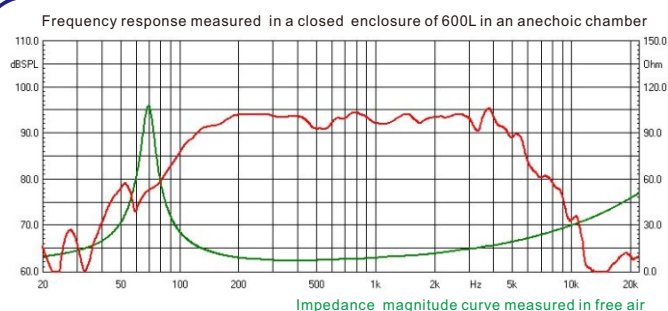
THIELE - SMALL PARAMETERS⁵

| | | |
|--|------|-----------------------|
| Resonance frequency | Fs | 69 Hz |
| DC resistance | Re | 5.3 ohm |
| Mechanical factor | Qms | 5.55 |
| Electrical factor | Qes | 0.29 |
| Total factor | Qts | 0.27 |
| Mechanical compliance | Cms | 0.20 mm/N |
| Mechanical resistance of total-driver losses | Rms | 2.06 kg/s |
| Effective Moving Mass | Mms | 26.3 g |
| Half-space efficiency | Eff | 1.5% |
| BL Factor | BL | 14.5 T.m |
| Equivalent Cas air load | Vas | 13.4 liters |
| Effective piston area | Sd | 0.0219 m ² |
| Max. linear excursion ⁶ | Xmax | ±6.5 mm |
| Max. excursion before damage | Xdam | ±14 mm |
| Voice coil inductance(1kHz) | Le | 0.54 mH |
| Efficiency Bandwidth Product | EBP | 237 |

MOUNTING INFORMATION

| | |
|-------------------------------|---------------|
| Overall Diameter | 200 mm |
| Bolt Circle Diameter | 212 mm |
| Bolt Hole Diameter | 5.5 mm |
| Baffle Cutout Diameter | 180 mm |
| Overall Depth | 100 mm |
| Air volume occupied by driver | 1 liter |
| Net Weight | 2.4 kg |
| Shipping Weight | 2.6 kg |
| Shipping Box | 220x220x110mm |

Also available in 16ohm, data upon request.

**NOTES:**

- AES standard
- Program Power is defined as 3 dB greater than the nominal power handling.
- Sensitivity is measured at 1W input on rated impedance at 1m on axis.
- Frequency range is defined as the band of frequencies delineated by the lower and upper limits where the output level drops by 10dB below the rated sensitivity.
- T/S parameters measured with laser system BEFORE preconditioning test.
- The maximum linear excursion is calculated as: $(H_{vc}-H_g)/2+H_g/4$ where H_{vc} is the voice coil depth and H_g is the gap depth.
- Vb: Net internal volume of box after subtracting the volume of internal objects.