

44T25-8TF

REFERENCE MODEL: B&C DE250TN

COMPRESSION DRIVER



KEY FEATURES:

- 107dB 1W/1m sensitivity
- 1 inch horn throat diameter
- 30W IEC power handling
- 1.0kHz-18kHz frequency response
- 44.4mm (1.7in) flat copper clad aluminum voice coil
- Titanium diaphragm
- Ferrite magnetic structure
- Suitable for compact two way systems and multiway systems

GENERAL SPECIFICATIONS¹

| | |
|--|---------------------------|
| Throat Diameter | 25.4mm (1in) |
| Nominal Impedance | 8Ω |
| Minimum Impedance | 6.8Ω at 3500Hz |
| IEC Power Rating ² | 30W |
| Long-term Maximum Power Handling ³ | 60W |
| Short-term Maximum Power Handling ⁴ | 120W |
| Sensitivity (1W/1m) ⁵ | 107dB |
| Recommended Crossover ⁶ | 1.5kHz |
| Frequency Range | 1.0kHz-18kHz |
| Voice Coil Diameter | 44.4mm |
| Winding Material | Flat Copper Clad Aluminum |
| Former Material | Kapton |
| Flux Density | 1.55T |
| Diaphragm Material | Titanium |
| Phase Plug Material | Plastic |
| Cover Material | Cast Aluminum |
| Magnet Material | Ferrite |
| Net Weight | 2.5kg |

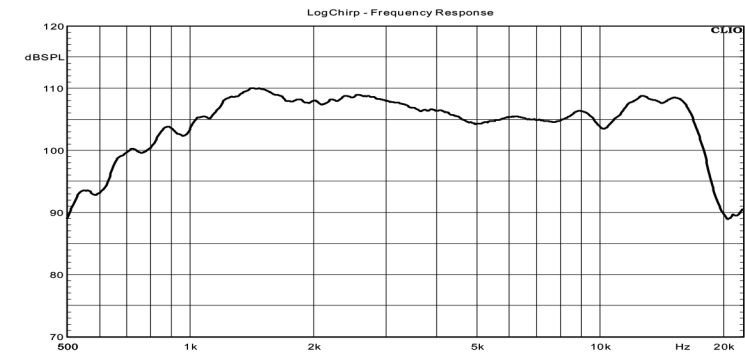
DIMENSIONS

| | |
|------------------|--------|
| Overall Diameter | 126mm |
| Total Depth | 63.8mm |

MOUNTING INFORMATION

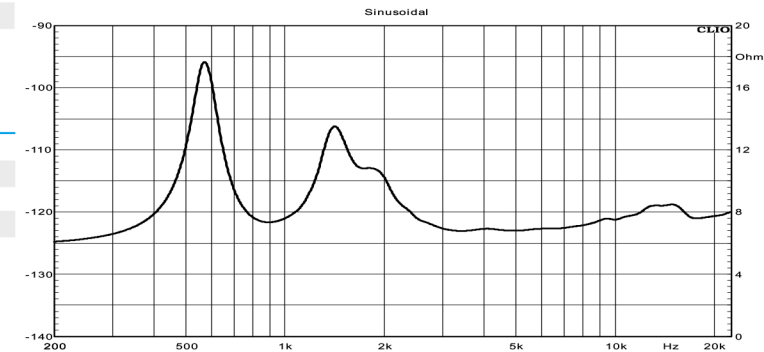
| | |
|----------------------|-----------------|
| N. of Mounting Holes | 2×M6 holes 180° |
| Bolt Circle Diameter | 76mm |
| N. of Mounting Holes | 3×M6 holes 120° |
| Bolt Circle Diameter | 57mm |

FREQUENCY RESPONSE CURVE



Test conditions: 1W/1m standard test box in anechoic chamber.

IMPEDANCE CURVE



Test conditions: 1W in free air.

NOTES:

1. Driver mounted on 220×220×110H horn.
2. 100 hours test according to IEC 60268-5 standard. Power calculated on rated minimum impedance.
3. 2 hours test according to IEC 60268-5 standard. Power calculated on rated minimum impedance.
4. 2 hours test according to IEC 60268-5 standard. Power calculated on rated minimum impedance.
5. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
6. 12 dB/oct. or higher slope high-pass filter.
7. Power test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz.