

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

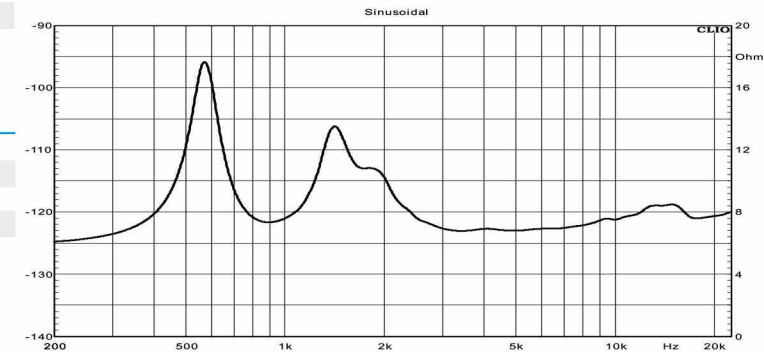
N. of Mounting Holes	2×M6 holes 180°
Bolt Circle Diameter	76mm
N. of Mounting Holes	3×M6 holes 120°
Bolt Circle Diameter	57mm

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.