



### Description

The 4-inch pure titanium dome NDT995 compression driver focuses on maximizing linearity, precision and long-term reliability. It is mainly suitable for professional line arrays and point source applications. Its motor structure features a high-flux density neodymium magnet assembly with a copper demodulation ring to reduce harmonic and intermodulation distortion. The 4" class-leading design utilizes a Kapton former, inside-outside ultralight edge wound aluminum wire and a 4-slot phase plug to deliver minimum distortion across its operating bandwidth. The high sensitivity at 110 dB, 280 Watts continuous power handling at 8 ohms, and very low recommended crossover point from 650 Hz make it ideal for integration with waveguides in two-way high-powered systems.

#### **Features**

- > 4.0 inch, Titanium dome, polyimide surround
- ightarrow 280W continuous program power handling @ 80
- > Frequency range: 500Hz 20kHz
- > Kapton former, inside/outside edge wound aluminum voice coil
- > 4-slot optimized geometry phase plug
- > Copper inductance ring for extended response
- > Low recommended crossover point

Part Number

15100033 NDT995

80hm



# **General specifications**

### **TECHNICAL SPECIFICATIONS**

## Exit Throat Diameter

Related Impedance 8 ohm 280 W Program Power (watt) 140 W Power handling capacity (watt) 110 dB Sensitivity

Frequency range 500 - 20000 Hz Pure Titanium Diaphragm Material Suspension Material Polyimide Suspension Design Flat 8.50 ohm Minimum Impedance (ohm)

Voice Coil Diameter 4.0 inch / 102 mm Voice Coil Material Edgewound Aluminum Voice Coil Former Design Direct Drive Kapton

1.4 inch / 36 mm

Number of layers

inside/outside Kind of layers

Flux Density 2.0 T Phase Plug Design 4 slot Phase Plug Material Aluminum Magnetics Neodymium Voice Coil Demodulation Ring Copper

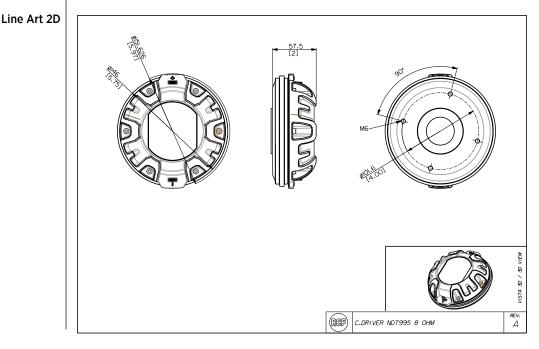
Thiele - small parameters BI factor (BI) (T x m)

17.60 T x m Mounting information

Overall diameter 146 mm / 5.75 inches Overall height 55 mm / 2.17 inches

Mounting 4 x 6 mm threaded holes at 90°

Standard compliance CE compliant Safety agency



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