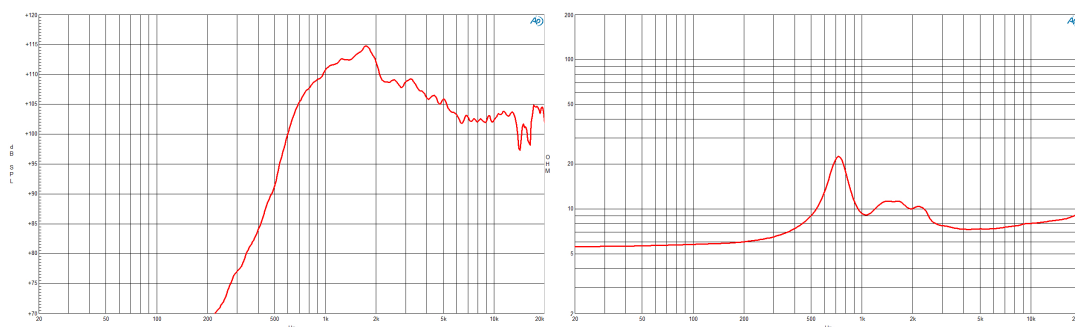


- 160 W continuous program power capacity
- 1.4" horn throat diameter
- 65 mm (2.5 in) aluminium voice coil
- Titanium diaphragm
- 1000 - 18000 Hz response
- 108 dB sensitivity
- Ferrite magnet assembly with shorting copper cap

The DE618TN is the ferrite magnet version of our premium DE680TN. The diaphragm in this model has been completely redesigned to incorporate a bent edge voice coil former, as well as new dome and surround geometry. These modifications combine to better control diaphragm displacement and deformations, resulting in lower distortion and a smoother higher frequency response above 10kHz.



## SPECIFICATIONS

Driver mounted on B&C ME90 horn.

|                           |                                                                                                                                                                              |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Throat Diameter           | 36 mm (1.4 in)                                                                                                                                                               |
| Nominal Impedance         | 8 Ω                                                                                                                                                                          |
| Minimum Impedance         | 7.3 Ω                                                                                                                                                                        |
| Nominal Power Handling    | 80 W<br>2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. |
| Continuous Power Handling | 160 W<br>Power on Continuous Program is defined as 3 dB greater than the Nominal rating.                                                                                     |
| Sensitivity               | 108 dB<br>Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.                                                                                                 |
| Frequency Range           | 1 kHz - 18 kHz                                                                                                                                                               |
| Recommended Crossover     | 1.2 kHz<br>12 dB/oct. or higher slope high-pass filter.                                                                                                                      |
| Voice Coil Diameter       | 65 mm (2.5 in)                                                                                                                                                               |
| Winding Material          | Aluminium                                                                                                                                                                    |
| Inductance                | 0.15 mH                                                                                                                                                                      |
| Flux Density              | 1.65 T                                                                                                                                                                       |
| Diaphragm Material        | Titanium                                                                                                                                                                     |
| Min Frequency Range       | 1 kHz                                                                                                                                                                        |
| Max Frequency Range       | 18 kHz                                                                                                                                                                       |

## MOUNTING AND SHIPPING INFO

Four M6 holes 90° on 102 mm (4 in) diameter

|                  |                                                      |
|------------------|------------------------------------------------------|
| Other details    | 4x M6 Mounting Studs with bolts and washers included |
| Overall Diameter | 156 mm (6.14 in)                                     |
| Depth            | 66 mm (2.6 in)                                       |
| Net Weight       | 3.8 kg (8.38 lb)                                     |
| Shipping Units   | 1 pcs                                                |
| Shipping Weight  | 3.92 kg (8.64 lb)                                    |
| Shipping Box     | 190x190x80 mm (7.48x7.48x3.15 in)                    |