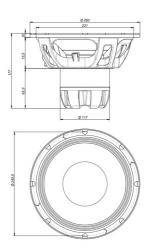
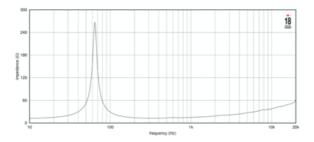


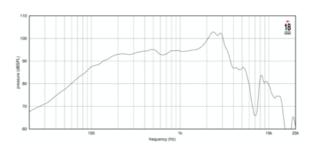
## **10NTLW3500** 16Ω

LF drivers - 10.0 Inches











# **10NTLW3500** 16Ω

LF drivers - 10.0 Inches

#### **SPECIFICATIONS**

| Nominal Impedance                      | 16 Ω              |
|--|-------------------|
| Minimum Impedance                      | 12.6 Ω            |
| Nominal Power Handling <sup>1</sup>    | 800 W             |
| Continuous Power Handling <sup>2</sup> | 1600 W            |
| Sensitivity <sup>3</sup>               | 94.0 dB           |
| Frequency Range                        | 60 - 3500 Hz      |
| Voice Coil Diameter                    | 88 mm (3.5 in)    |
| Winding Depth                          | 19.0 mm (0.75 in) |
| Magnetic Gap Depth                     | 12.5 mm (0.49 in) |

### **DESIGN**

| Surround Shape                             | Triple roll                                  |
|--|--|
| Cone Shape                                 | Curvilinear                                  |
| Magnet Material                            | Neo  |
| Woofer Cone Treatment<br>Reinforced, water | repellent, treated paper                     |
| Recommended Enclosure                      | 20.0 dm <sup>3</sup> (0.71 ft <sup>3</sup> ) |
| Recommended Tuning                         | 58 Hz  |

#### PARAMETERS<sup>4</sup>

| Resonance Frequency | 64 Hz  |
|---------------------|--|
| Re                  | 11.4 Ω   |
| Qes                 | 0.46   |
| Qms                 | 10.8   |
| Qts                 | 0.45   |
| Vas                 | 18.1 dm <sup>3</sup> (0.64 ft <sup>3</sup> )   |
| Sd                  | 346.0 cm <sup>2</sup> (53.63 in <sup>2</sup> ) |
| ηο                  | 1.0 %  |
| Xmax                | 6.4 mm   |
| Xvar                | 8.5 mm   |
| Mms                 | 58.0 g   |
| BI                  | 23.9 Txm                                       |
| Le                  | 0.69 mH  |
| EBP                 | 139 Hz   |
|                     |  |

#### **MOUNTING AND SHIPPING INFO**

| Overall Diameter            | 260 mm (10.24 in)  |
|-----------------------------|--------------------|
| Bolt Circle Diameter        | 245 mm (9.65 in)   |
| Baffle Cutout Diameter      | 233.0 mm (9.17 in) |
| Depth                       | 177 mm (6.97 in)   |
| Flange and Gasket Thickness | 10 mm (0.39 in)    |
| Net Weight                  | 4.2 kg (9.26 lb)   |
| Shipping Weight             | 4.7 kg (10.36 lb)  |

- 1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
- 2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
- Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
  Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.