





# 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)

## 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> )
η <sub>o</sub>	1.0 %
X <sub>max</sub>	6.4 mm
X <sub>var</sub>	8.5 mm
M <sub>ms</sub>	58.0 g
Bl	23.9 Txm
Le	0.69 mH
EBP	139 Hz

## DESIGN

Surround Shape	Triple roll
Cone Shape	Curvilinear
Magnet Material	Neo
Woofers Cone Treatment	Reinforced, water repellent, treated paper
Recommended Enclosure	20.0 dm <sup>3</sup> (0.71 ft <sup>3</sup> )
Recommended Tuning	58 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.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.