





# 8NTLS2000 8Ω

LF drivers - 8.0 Inches

## SPECIFICATIONS

Nominal Impedance	8 Ω
Minimum Impedance	5.9 Ω
Nominal Power Handling <sup>1</sup>	350 W
Continuous Power Handling <sup>2</sup>	700 W
Sensitivity <sup>3</sup>	93.5 dB
Frequency Range	45 - 1200 Hz
Voice Coil Diameter	51 mm (2.0 in)
Winding Depth	19.0 mm (0.75 in)
Magnetic Gap Depth	8.5 mm (0.33 in)

## PARAMETERS<sup>4</sup>

Resonance Frequency	40 Hz
Re	5.4 Ω
Qes	0.19
Qms	11.8
Qts	0.19
Vas	27.5 dm <sup>3</sup> (0.97 ft <sup>3</sup> )
Sd	227.0 cm <sup>2</sup> (35.19 in <sup>2</sup> )
η <sub>o</sub>	0.9 %
X <sub>max</sub>	7.4 mm
X <sub>var</sub>	8.0 mm
M <sub>ms</sub>	42.0 g
Bl	17.2 Txm
Le	0.69 mH
EBP	210 Hz

## DESIGN

Surround Shape	Single roll - Rubber
Cone Shape	Straight
Magnet Material	Neo
Recommended Enclosure	10.0 dm <sup>3</sup> (0.35 ft <sup>3</sup> )

## MOUNTING AND SHIPPING INFO

Overall Diameter	210 mm (8.27 in)
Bolt Circle Diameter	196 mm (7.74 in)
Baffle Cutout Diameter	186.0 mm (7.32 in)
Depth	121 mm (4.76 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Net Weight	1.5 kg (3.31 lb)
Shipping Weight	1.9 kg (4.19 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.