





# 18NTLS5000 4Ω

LF drivers - 18.0 Inches

## SPECIFICATIONS

Nominal Impedance	4 Ω
Minimum Impedance	3.6 Ω
Nominal Power Handling <sup>1</sup>	1800 W
Continuous Power Handling <sup>2</sup>	3600 W
Sensitivity <sup>3</sup>	89.0 dB
Frequency Range	35 - 4000 Hz
Voice Coil Diameter	115 mm (4.5 in)
Winding Depth	43.0 mm (1.69 in)
Magnetic Gap Depth	15.0 mm (0.59 in)

## PARAMETERS<sup>4</sup>

Resonance Frequency	37 Hz
Re	2.7 Ω
Qes	0.35
Qms	8.4
Qts	0.33
Vas	75.0 dm <sup>3</sup> (2.65 ft <sup>3</sup> )
Sd	1225.0 cm <sup>2</sup> (189.88 in <sup>2</sup> )
η <sub>o</sub>	1.1 %
X <sub>max</sub>	17.75 mm
X <sub>var</sub>	19.0 mm
M <sub>ms</sub>	510.0 g
Bl	30.7 T·xm
Le	2.0 mH
EBP	105 Hz

## DESIGN

Recommended Enclosure	120.0 dm <sup>3</sup> (4.24 ft <sup>3</sup> )
Recommended Tuning	40 Hz

## MOUNTING AND SHIPPING INFO

Overall Diameter	462 mm (18.19 in)
Bolt Circle Diameter	440 mm (17.32 in)
Baffle Cutout Diameter	417.0 mm (16.42 in)
Depth	330 mm (13.0 in)
Flange and Gasket Thickness	31 mm (1.22 in)
Net Weight	13.6 kg (29.98 lb)
Shipping Weight	14.5 kg (31.97 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.