





18NLS4000 4Ω

LF drivers - 18.0 Inches

SPECIFICATIONS

| | |
|--|-------------------|
| Nominal Impedance | 4 Ω |
| Minimum Impedance | 3.5 Ω |
| Nominal Power Handling ¹ | 1200 W |
| Continuous Power Handling ² | 2400 W |
| Sensitivity ³ | 88.0 dB |
| Frequency Range | 28 - 500 Hz |
| Voice Coil Diameter | 100 mm (4.0 in) |
| Winding Depth | 52.0 mm (2.05 in) |
| Magnetic Gap Depth | 15.0 mm (0.59 in) |

PARAMETERS⁴

| | |
|---------------------|--|
| Resonance Frequency | 27 Hz |
| Re | 2.9 Ω |
| Qes | 0.36 |
| Qms | 13.7 |
| Qts | 0.35 |
| Vas | 168.0 dm ³ (5.93 ft ³) |
| Sd | 1225.0 cm ² (189.88 in ²) |
| η _o | 0.9 % |
| X _{max} | 22.3 mm |
| X _{var} | 25.0 mm |
| M _{ms} | 433.0 g |
| Bl | 24.2 Txm |
| Le | 2.6 mH |
| EBP | 75 Hz |

DESIGN

| | |
|------------------------|---|
| Surround Shape | Single roll - High quality foam |
| Cone Shape | Straight |
| Magnet Material | Neo |
| Woofers Cone Treatment | Reinforced, water repellent, treated paper |
| Recommended Enclosure | 100.0 dm ³ (3.53 ft ³) |
| Recommended Tuning | 28 Hz |

MOUNTING AND SHIPPING INFO

| | |
|-----------------------------|---------------------|
| Overall Diameter | 462 mm (18.19 in) |
| Bolt Circle Diameter | 439 mm (17.28 in) |
| Baffle Cutout Diameter | 420.0 mm (16.54 in) |
| Depth | 250 mm (9.84 in) |
| Flange and Gasket Thickness | 24 mm (0.94 in) |
| Net Weight | 12.0 kg (26.46 lb) |
| Shipping Weight | 12.8 kg (28.22 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.