



SANWAY AUDIO

<https://www.china-sanway.com>

18NBX100

LF Drivers - 18.0 Inches

- 2400 W continuous program power capacity
- 100mm (4 in) copper voice coil
- 35 - 1000Hz response
- 96 dB sensitivity
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression
- Aluminium demodulating ring for very low distortion

SPECIFICATIONS

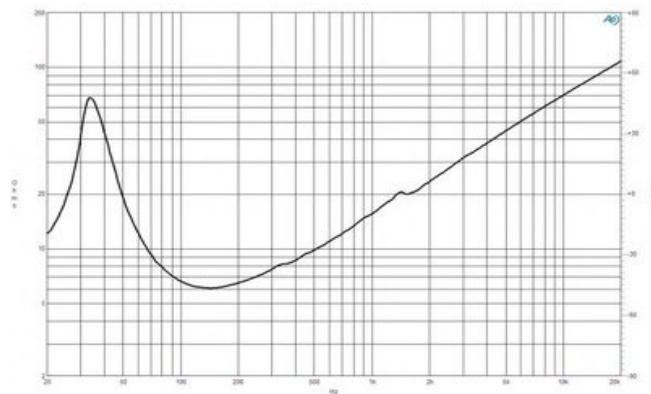
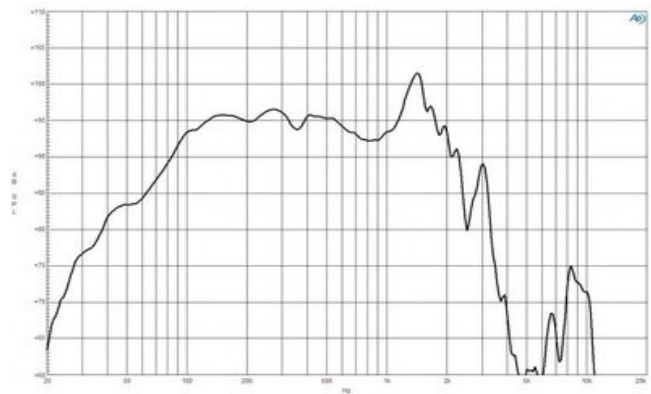
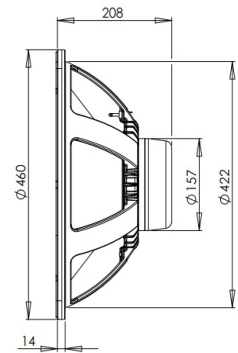
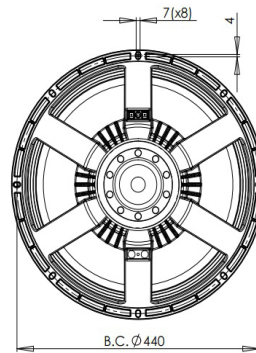
Nominal Diameter	460 mm (18.0 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.0 Ω
Nominal Power Handling ¹	1200 W
Continuous Power Handling ²	2400 W
Sensitivity ³	96.5 dB
Frequency Range	35 - 1000 Hz
Voice Coil Diameter	100 mm (4.0 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	25.0 mm (1.0 in)
Magnetic Gap Depth	11.0 mm (0.43 in)
Flux Density	1.1 T

PARAMETERS⁴

Resonance Frequency	35 Hz
Re	5.2 Ω
Qes	0.4
Qms	5.6
Qts	0.38
Vas	198.0 dm ³ (7.0 ft ³)
Sd	1210.0 cm ² (187.6 in ²)
η _{fl}	2.0 %
Xmax	10.0 mm
Xvar	12.0 mm
Mms	217.0 g
Bl	24.8 T·m
Le	1.85 mH
EBP	87 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	460 mm (18.0 in)
Bolt Circle Diameter	440 mm (17.3 in)
Baffle Cutout Diameter	422.0 mm (16.6 in)
Depth	208 mm (8.19 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Air Volume Occupied by Driver	8.5 dm ³ (0.3 ft ³)
Net Weight	9.3 kg (20.5 lb)
Shipping Units	1
Shipping Weight	10.9 kg (24.03 lb)
Shipping Box	500x495x275 mm (19.69x19.49x10.83 in)



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.