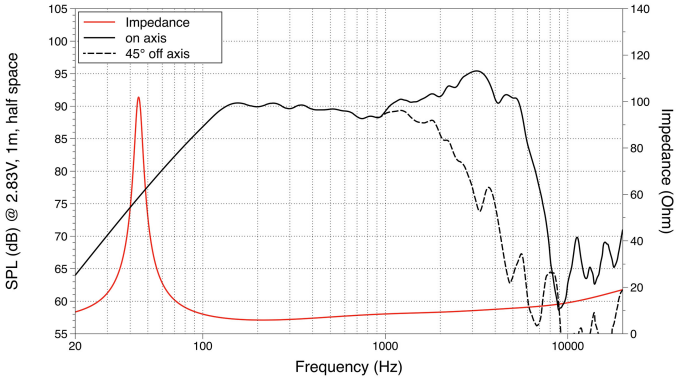
NBASS08-20

8" BASS GUITAR

NEODYMIUM MAGNET
STEEL BASKET DRIVER

200 W AES 2Ω VC 92 dB 55-4000 Hz
Natural response, strong low-end and tight mid-highs, characterized by an optimized rubber surround and a responsive lightweight neo motor makes the NBASS08-20 the perfect tonal 8Ω solution.



GENERAL SPECIFICATIONS

Nominal Diameter	**200 mm (8 in)**
Nominal Impedance	**8 ohm**
Minimum Impedance	**6.1 ohm**
Program Power	**400 W** Program power is defined as 3 dB greater than AES Power.
AES Power Rating	**200 W** Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air.
Sensitivity	**92 dB** From T/S parameters, measured with Klippel DA LPM module.
Frequency Range	**55 ÷ 4000 Hz**
Voice Coil Diameter	**51 mm (2 in)**
Chassis Material	**STEEL**
Magnet Material	**NEODYMIUM**
Magnet Dimensions OD x ID x h	**50 x 9 mm (1.96 x 0.35 in)**
Coil Material	**COPPER**
Former Material	**GLASS FIBER**
Cone Material	**WATER RESISTANT TREATED PAPER**
Surround Material	**RUBBER**
Xmax	**6.5 mm (0.26 in)** The Xmax is calculated as: (Hvc - Hg)/2+ Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	**10.7 mm (0.42 in)** The Xmech is calculated as: (Hvc - Hg)/2 + (Hg-2). Hvc is the voice coil height and Hg the gap height.
Gap Height	**8.2 mm (0.32 in)**
Voice Coil Winding Height	**17.2 mm (0.68 in)**
Driver Displacement Volume	**0.5 l (0.018 ft³)**
Recommended Enclosure	**16.6 l (0.586 ft³)**
Recommended Tuning	**70 Hz**

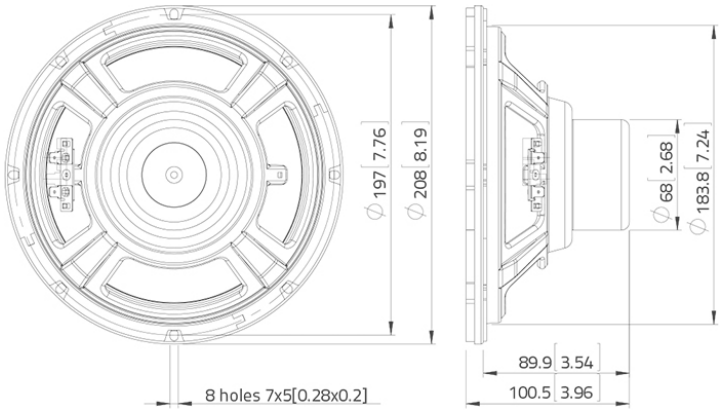
All the specifications subject to change without notice.

SMALL SIGNAL PARAMETERS

Thiele-Small parameters are measured after preconditioning: a) at 20°C-22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

DC Resistance (Re)	**5.2 ohm**
Diaphragm Area (Sd)	**235.1 cm² (36.441 in²)**
Resonance Frequency (Fs)	**55 Hz**
Moving Mass (Mms)	**35.6 g (1.256 oz)**
Compliance (Cms)	**0.235 mm/N**
Force Factor (BxL)	**11.33 N/A**
Mechanical Q-Factor (Qms)	**9.92**
Electrical Q-Factor (Qes)	**0.5**
Total Q-Factor (Qts)	**0.48**
Equivalent Air Volume (Vas)	**18.4 l (0.65 ft³)**
Voice Coil Inductance (Le)	**0.11 mH**
Reference Efficiency (Eta 0)	**0.59 %**
Efficiency Bandwidth Product (EBP)	**110 Hz**

DIMENSIONS



SHIPPING INFORMATION

Net Weight	**1.2 kg (2.646 lb)**
Multipack Quantity	**1**
Multipack size W x D x H	**248 mm x 248 mm x 145 mm (9.8 in x 9.8 in x 5.7 in)**
Multipack Weight	**1.7 kg (3.75 lb)**

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