

NBASS08-20-32

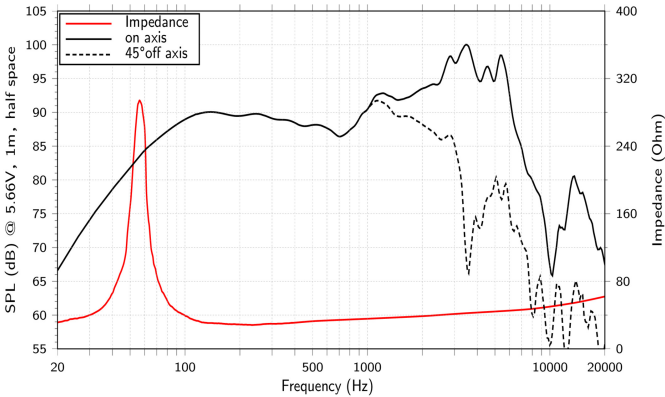
Lavoce

8" WOOFER

NEODYMIUM MAGNET
STEEL BASKET DRIVER

200 W AES 2Ω VC 90 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

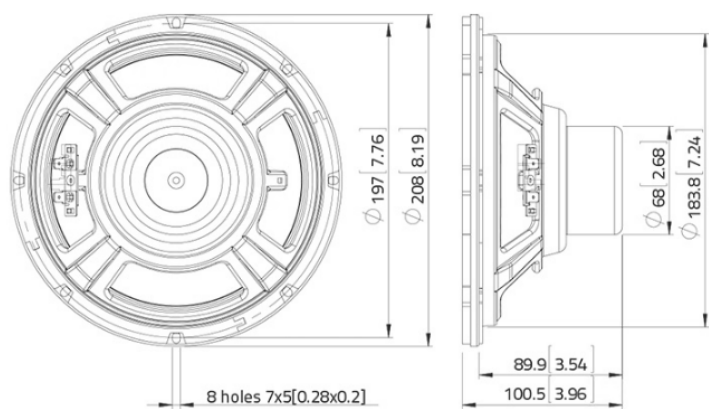
Nominal Diameter	200 mm (8 in)
Nominal Impedance	32 ohm
Minimum Impedance	28.3 ohm
Program Power	400 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	200 W Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air.
Sensitivity	90 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	6.4 mm (0.25 in) The Xmax is calculated as: (Hvc - Hg)/2 + Hg/4. Hvc is the voice coil winding height and Hg the gap height.
Xmech	10.5 mm (0.41 in) The Xmech is calculated as: (Hvc - Hg)/2 + (Hg-2). Hvc is the voice coil winding height and Hg the gap height.
Gap Height	8.2 mm (0.32 in)
Voice Coil Winding Height	16.8 mm (0.66 in)
Driver Displacement Volume	0.5 l (0.018 ft³)
Recommended Enclosure	16.6 l (0.586 ft³)
Recommended Tuning	70 Hz

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)	25.8 ohm
Diaphragm Area (Sd)	235.1 cm² (36.441 in²)
Resonance Frequency (Fs)	57 Hz
Moving Mass (Mms)	29.4 g (1.037 oz)
Compliance (Cms)	0.265 mm/N
Force Factor (BxL)	19.25 N/A
Mechanical Q-Factor (Qms)	7.93
Electrical Q-Factor (Qes)	0.73
Total Q-Factor (Qts)	0.67
Equivalent Air Volume (Vas)	20.73 l (0.732 ft³)
Voice Coil Inductance (Le)	0.27 mH
Reference Efficiency (Eta 0)	0.5 %
Efficiency Bandwidth Product (EBP)	78.08 Hz

DIMENSIONS



SHIPPING INFORMATION

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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