

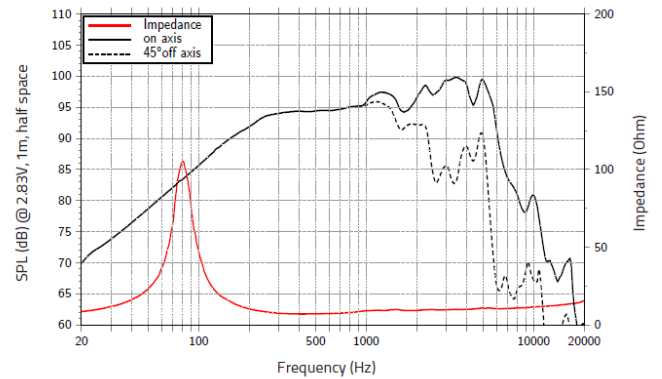
WAN082.02

Lavoce

8" WOOFER

NEODYMIUM MAGNET
ALUMINIUM BASKET DRIVER

- 2 INCH CCAW VOICE COIL
- 96,5 dB/SPL SENSITIVITY
- 400 W PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM
- COPPER RING FOR EXTENDED FREQUENCY RESPONSE



GENERAL SPECIFICATIONS

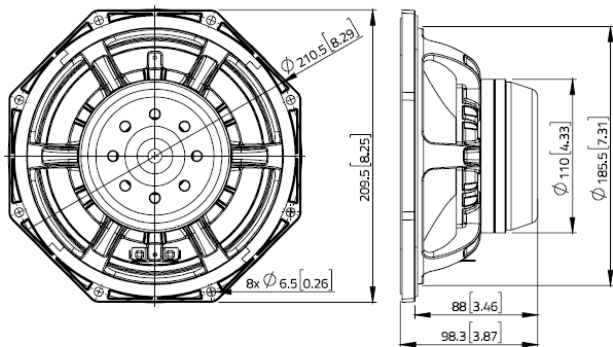
Nominal Diameter	200 mm (8 in)
Nominal Impedance	8 ohm
Minimum Impedance	7 ohm
Program Power	400 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	200 W Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air.
Sensitivity	96.5 dB From T/S parameters, measured with Klippel DA LPM module.
Frequency Range	80 ÷ 5000 Hz
Voice Coil Diameter	51 mm (2 in)
Chassis Material	ALUMINIUM
Magnet Material	NEODYMIUM
Magnet Dimensions OD x ID x h	110 x 70 x 8 mm (4.33 x 2.75 x 0.31 in)
Coil Material	COPPER
Former Material	GLASS FIBER
Cone Material	WATER RESISTANT TREATED PAPER + WATER PROOF FRONT SIDES TREATMENT
Surround Material	POLYCOTTON
Xmax	5.8 mm (0.23 in) The Xmax is calculated as: $(Hvc - Hg)/2 + Hg/4$. Hvc is the voice coil height and Hg the gap height.
Xmech	11.3 mm (0.44 in) The Xmech is calculated as: $(Hvc - Hg)/2 + (Hg-2)$. Hvc is the voice coil height and Hg the gap height.
Gap Height	10 mm (0.39 in)
Voice Coil Winding Height	16.6 mm (0.65 in)
Driver Displacement Volume	0.65 l (0.023 ft³)
Recommended Enclosure	7.8 l (0.275 ft³)
Recommended Tuning	97 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)	5.2 ohm
Diaphragm Area (Sd)	220 cm ² (34.1 in ²)
Resonance Frequency (Fs)	80 Hz
Moving Mass (Mms)	29.9 g (1.055 oz)
Compliance (Cms)	0.131 mm/N
Force Factor (BxL)	17.76 N/A
Mechanical Q-Factor (Qms)	4.88
Electrical Q-Factor (Qes)	0.25
Total Q-Factor (Qts)	0.23
Equivalent Air Volume (Vas)	8.97 l (0.317 ft ³)
Voice Coil Inductance (Le)	0.02 mH
Reference Efficiency (Eta 0)	1.82 %
Efficiency Bandwidth Product (EBP)	320 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	2.7 kg (5.952 lb)
Multipack Quantity	1
Multipack size W x D x H	235 mm x 235 mm x 144 mm (9.3 in x 9.3 in x 5.7 in)
Multipack Weight	3.1 kg (6.83 lb)

