

WSN061.52-16

Lavoce

6.5" WOOFER

NEODYMIUM MAGNET

STEEL BASKET DRIVER

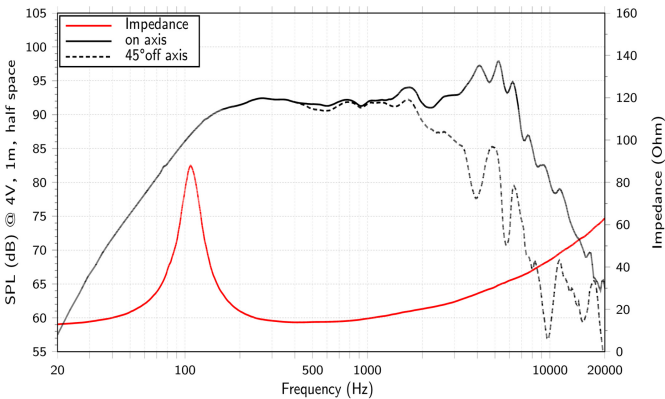
- 1.5 INCH COPPER VOICE COIL

- 93 dB/SPL SENSITIVITY

- 250 WATT PROGRAM POWER HANDLING

- FEM OPTIMIZED MOTOR AND SUSPENSIONS

- RESONANCE FREE AND HEAVY DUTY BASKET DESIGN



GENERAL SPECIFICATIONS

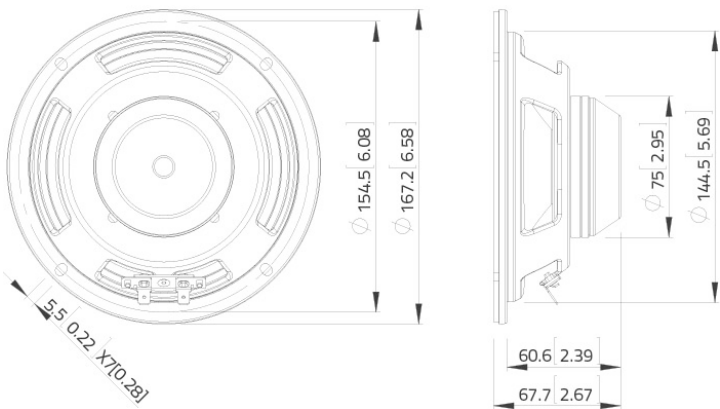
Nominal Diameter	165 mm (6.5 in)
Nominal Impedance	16 ohm
Minimum Impedance	13.9 ohm
Program Power	250 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	125 W Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air.
Sensitivity	93 dB From T/S parameters, measured with Klippel DA LPM module.
Frequency Range	90 ÷ 6000 Hz
Voice Coil Diameter	38 mm (1.5 in)
Chassis Material	STEEL
Magnet Material	NEODYMIUM
Magnet Dimensions OD x ID x h	75 x 45 x 4 mm (2.95 x 1.77 x 0.16 in)
Coil Material	COPPER
Former Material	POLYIMIDE
Cone Material	WATER RESISTANT TREATED PAPER
Surround Material	POLYCOTTON
Xmax	3.7 mm (0.15 in) The Xmax is calculated as: (Hvc - Hg)/2+ Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	6.2 mm (0.24 in) The Xmech is calculated as: (Hvc - Hg)/2 +(Hg-2). Hvc is the voice coil height and Hg the gap height.
Gap Height	6 mm (0.24 in)
Voice Coil Winding Height	10.3 mm (0.41 in)
Driver Displacement Volume	0.3 l (0.011 ft³)
Recommended Enclosure	10.5 l (0.371 ft³)
Recommended Tuning	90 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)	11.8 ohm
Diaphragm Area (Sd)	132 cm² (20.46 in²)
Resonance Frequency (Fs)	108 Hz
Moving Mass (Mms)	12 g (0.423 oz)
Compliance (Cms)	0.181 mm/N
Force Factor (BxL)	12.56 N/A
Mechanical Q-Factor (Qms)	3.94
Electrical Q-Factor (Qes)	0.61
Total Q-Factor (Qts)	0.53
Equivalent Air Volume (Vas)	4.46 l (0.158 ft³)
Voice Coil Inductance (Le)	0.66 mH
Reference Efficiency (Eta 0)	0.89 %
Efficiency Bandwidth Product (EBP)	177 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	0.9 kg (1.984 lb)
Multipack Quantity	8
Multipack size W x D x H	415 mm x 375 mm x 218 mm (16.3 in x 14.8 in x 8.6 in)
Multipack Weight	10 kg (22.05 lb)

All the specifications subject to change without notice.

