

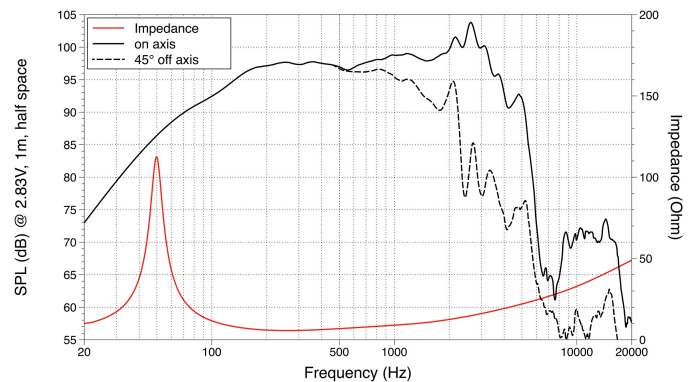
# WAN123.00

Lavoce

## 12" WOOFER

NEODYMIUM MAGNET  
ALUMINIUM BASKET DRIVER

- 3 INCH CCAW VOICE COIL
- 99 dB/SPL SENSITIVITY
- 1000 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM



### GENERAL SPECIFICATIONS

Nominal Diameter	<b>300 mm (12 in)</b>
Nominal Impedance	<b>8 ohm</b>
Minimum Impedance	<b>5.7 ohm</b>
Program Power	<b>1000 W</b> Program power is defined as 3 dB greater than AES Power.
AES Power Rating	<b>500 W</b> 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	<b>99 dB</b> From T/S parameters, measured with Klippel DA LPM module.
Frequency Range	<b>50 ÷ 3000 Hz</b>
Voice Coil Diameter	<b>75 mm (3 in)</b>
Chassis Material	<b>ALUMINIUM</b>
Magnet Material	<b>NEODYMIUM</b>
Magnet Dimensions OD x ID x h	<b>75,4 x 10 mm (2.97 x 0.39 in)</b>
Coil Material	<b>CCA W</b>
Former Material	<b>GLASS FIBER</b>
Cone Material	<b>WATER RESISTANT TREATED PAPER + WATER PROOF FRONT SIDES TREATMENT</b>
Surround Material	<b>POLYCOTTON</b>
Xmax	<b>6.9 mm (0.27 in)</b> The Xmax is calculated as: $(Hvc - Hg)/2 + Hg/4$ . Hvc is the voice coil height and Hg the gap height.
Xmech	<b>12.7 mm (0.5 in)</b> The Xmech is calculated as: $(Hvc - Hg)/2 + (Hg-2)$ . Hvc is the voice coil height and Hg the gap height.
Gap Height	<b>10.5 mm (0.41 in)</b>
Voice Coil Winding Height	<b>19 mm (0.75 in)</b>
Driver Displacement Volume	<b>2.4 l (0.085 ft³)</b>
Recommended Enclosure	<b>62.3 l (2.2 ft³)</b>
Recommended Tuning	<b>55 Hz</b>

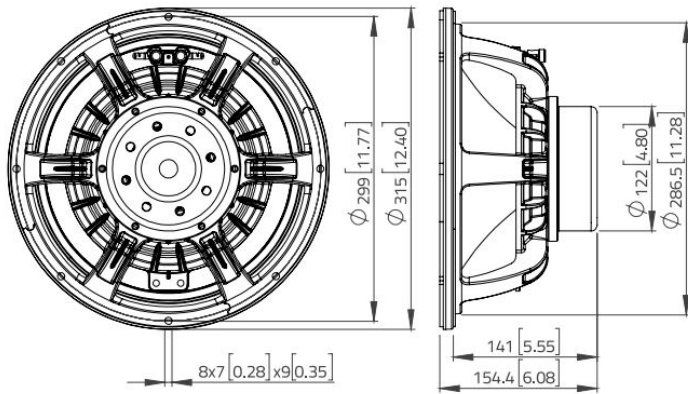
### SMALL SIGNAL PARAMETERS

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)	<b>4.8 ohm</b>
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Diaphragm Area (Sd)	<b>531 cm<sup>2</sup> (82.305 in<sup>2</sup>)</b>
Resonance Frequency (Fs)	<b>49 Hz</b>
Moving Mass (Mms)	<b>61.5 g (2.169 oz)</b>
Compliance (Cms)	<b>0.172 mm/N</b>
Force Factor (BxL)	<b>17.9 N/A</b>
Mechanical Q-Factor (Qms)	<b>6.54</b>
Electrical Q-Factor (Qes)	<b>0.28</b>
Total Q-Factor (Qts)	<b>0.27</b>
Equivalent Air Volume (Vas)	<b>68.8 l (2.43 ft<sup>3</sup>)</b>
Voice Coil Inductance (Le)	<b>0.69 mH</b>
Reference Efficiency (Eta 0)	<b>2.75 %</b>
Efficiency Bandwidth Product (EBP)	<b>175 Hz</b>

## DIMENSIONS



## SHIPPING INFORMATION

Net Weight	<b>5.2 kg (11.464 lb)</b>
Multipack Quantity	<b>1</b>
Multipack size W x D x H	<b>360 mm x 360 mm x 195 mm (14.2 in x 14.2 in x 7.7 in)</b>
Multipack Weight	<b>6.5 kg (14.33 lb)</b>

## REPAIR KITS

LF Repair Kit	<b>VRK10121</b>
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