

WAF122.50

Lavoce

12" WOOFER

FERRITE MAGNET

ALUMINIUM BASKET DRIVER

- 2.5 INCH CCAW VOICE COIL

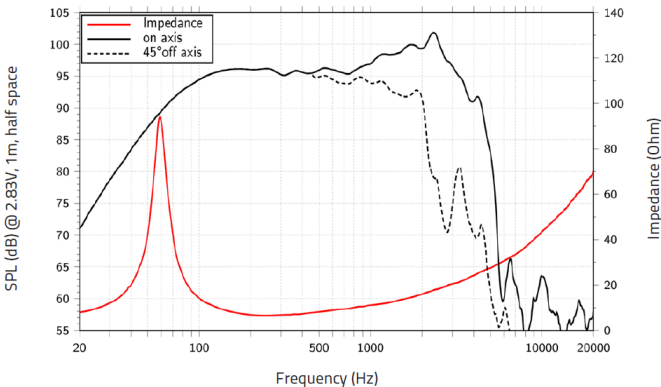
- 97,5 dB/SPL SENSITIVITY

- 700 WATT PROGRAM POWER HANDLING

- FEM OPTIMIZED MOTOR AND SUSPENSIONS

- OPTIMIZED COOLING SYSTEM

- TRIPLE ROLL SURROUND



GENERAL SPECIFICATIONS

Nominal Diameter	300 mm (12 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.8 ohm
Program Power	700 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	350 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	97.5 dB From T/S parameters, measured with Klippel DA LPM module.
Frequency Range	60 ÷ 3000 Hz
Voice Coil Diameter	65 mm (2.5 in)
Chassis Material	ALUMINIUM
Magnet Material	FERRITE
Magnet Dimensions OD x ID x h	170 x 75 x 20 mm (6.69 x 2.95 x 0.79 in)
Coil Material	CCA W
Former Material	GLASS FIBER
Cone Material	WATER RESISTANT TREATED PAPER + WATER PROOF FRONT SIDES TREATMENT
Surround Material	POLYCOTTON
Xmax	6.1 mm (0.24 in) The Xmax is calculated as: (Hvc - Hg)/2+ Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	11.6 mm (0.46 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	17.2 mm (0.68 in)
Driver Displacement Volume	2.6 l (0.092 ft³)
Recommended Enclosure	50 l (1.766 ft³)
Recommended Tuning	65 Hz

SMALL SIGNAL PARAMETERS

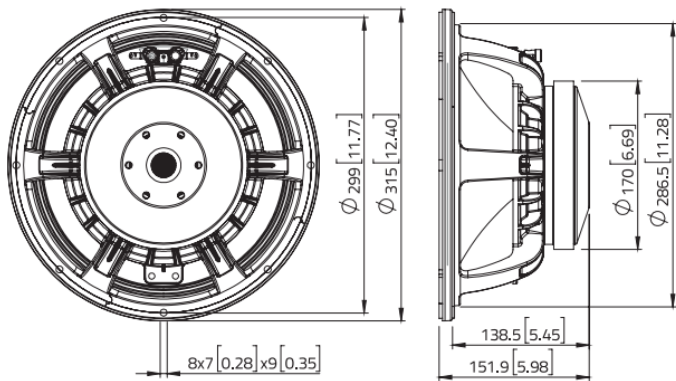
Thiele-Small parameters are measured after preconditioning: a) at 20°C- 22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

DC Resistance (Re)	5.6 ohm
Diaphragm Area (Sd)	531 cm² (82.305 in²)

All the specifications subject to change without notice.

Resonance Frequency (Fs)	56 Hz
Moving Mass (Mms)	62.1 g (2.191 oz)
Compliance (Cms)	0.128 mm/N
Force Factor (BxL)	17.9 N/A
Mechanical Q-Factor (Qms)	6.41
Electrical Q-Factor (Qes)	0.39
Total Q-Factor (Qts)	0.36
Equivalent Air Volume (Vas)	50.95 l (1.799 ft³)
Voice Coil Inductance (Le)	0.94 mH
Reference Efficiency (Eta 0)	2.29 %
Efficiency Bandwidth Product (EBP)	144 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	6.3 kg (13.889 lb)
Multipack Quantity	1
Multipack size W x D x H	362 mm x 362 mm x 195 mm (14.3 in x 14.3 in x 7.7 in)
Multipack Weight	7.7 kg (16.98 lb)

