

WAN153.01-4

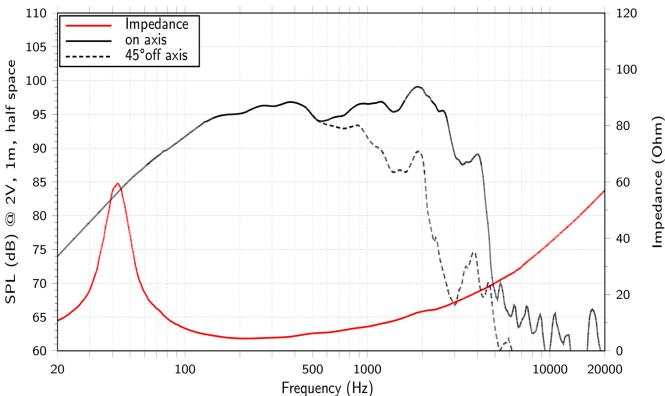
Lavoce

15" WOOFER

NEODYMIUM MAGNET

ALUMINIUM BASKET DRIVER

- 3 INCH COPPER VOICE COIL
- 99 dB/SPL SENSITIVITY
- 1200 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM
- DOUBLE SPIDER
- DOUBLE ALUMINIUM DEMODULATING RING
- TRIPLE ROLL SURROUND



GENERAL SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	4 ohm
Minimum Impedance	4.4 ohm
Program Power	1200 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	600 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	99 dB From T/S parameters, measured with Klippel DA LPM module.
Frequency Range	40 ÷ 2000 Hz
Voice Coil Diameter	75 mm (3 in)
Chassis Material	ALUMINIUM
Magnet Material	NEODYMIUM
Magnet Dimensions OD x ID x h	131 x 80 x 8 mm (5.16 x 3.15 x 0.31 in)
Coil Material	COPPER
Former Material	GLASS FIBER
Cone Material	WATER RESISTANT TREATED PAPER + WATER PROOF BOTH SIDES TREATMENT
Surround Material	POLYCOTTON
Xmax	6.8 mm (0.27 in) The Xmax is calculated as: (Hvc - Hg)/2 + Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	13.4 mm (0.53 in) The Xmech is calculated as: (Hvc - Hg)/2 + (Hg-2). Hvc is the voice coil height and Hg the gap height.
Gap Height	11.5 mm (0.45 in)
Voice Coil Winding Height	19.3 mm (0.76 in)
Driver Displacement Volume	4.3 l (0.152 ft³)
Recommended Enclosure	134 l (4.732 ft³)
Recommended Tuning	60 Hz

SMALL SIGNAL PARAMETERS

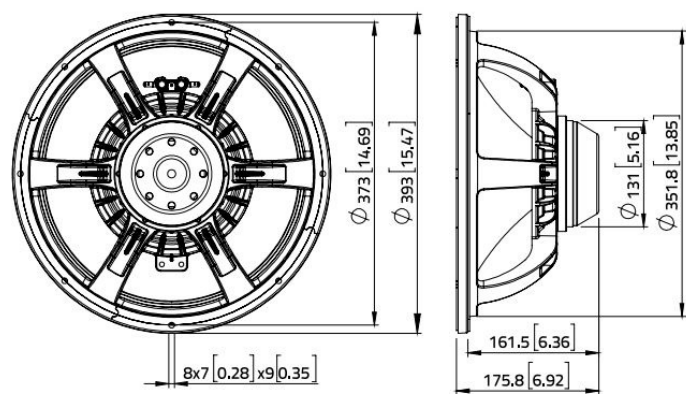
Thiele-Small parameters are measured after preconditioning: a) at 20°C- 22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

DC Resistance (Re)	3.4 ohm
Diaphragm Area (Sd)	855 cm² (132.525 in²)

All the specifications subject to change without notice.

Resonance Frequency (Fs)	43 Hz
Moving Mass (Mms)	114.1 g (4.025 oz)
Compliance (Cms)	0.12 mm/N
Force Factor (BxL)	21.36 N/A
Mechanical Q-Factor (Qms)	4.26
Electrical Q-Factor (Qes)	0.23
Total Q-Factor (Qts)	0.22
Equivalent Air Volume (Vas)	124.15 l (4.384 ft³)
Voice Coil Inductance (Le)	0.81 mH
Reference Efficiency (Eta 0)	4.13 %
Efficiency Bandwidth Product (EBP)	187 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	6.1 kg (13.448 lb)
Multipack Quantity	1
Multipack size W x D x H	430 mm x 425 mm x 215 mm (16.9 in x 16.7 in x 8.5 in)
Multipack Weight	7.65 kg (16.87 lb)

