

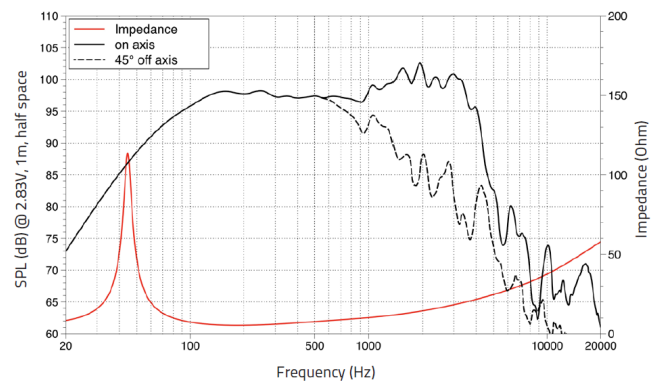
WAF153.00

Lavoce

15" WOOFER

FERRITE 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	380 mm (15 in)
Nominal Impedance	8 ohm
Minimum Impedance	5.5 ohm
Program Power	1000 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	500 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 ÷ 3000 Hz
Voice Coil Diameter	75 mm (3 in)
Chassis Material	ALUMINIUM
Magnet Material	FERRITE
Magnet Dimensions OD x ID x h	190 x 95 x 25 mm (7.48 x 3.74 x 0.98 in)
Coil Material	CCA W
Former Material	GLASS FIBER
Cone Material	WATER RESISTANT TREATED PAPER + WATER PROOF FRONT SIDES TREATMENT
Surround Material	POLYCOTTON
Xmax	7 mm (0.28 in) The Xmax is calculated as: $(Hvc - Hg)/2 + Hg/4$. Hvc is the voice coil height and Hg the gap height.
Xmech	12.5 mm (0.49 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	19 mm (0.75 in)
Driver Displacement Volume	4.8 l (0.17 ft³)
Recommended Enclosure	102 l (3.602 ft³)
Recommended Tuning	50 Hz

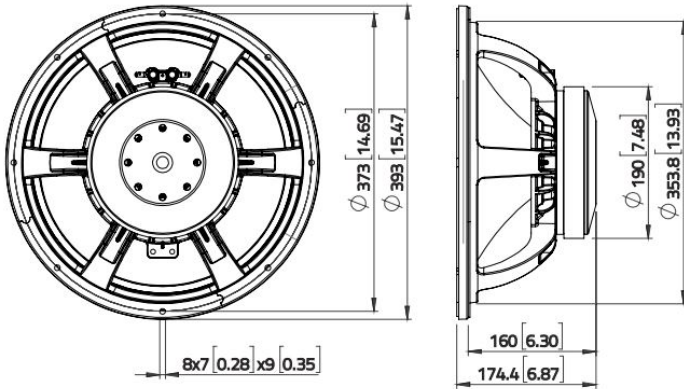
SMALL SIGNAL PARAMETERS

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)	4.7 ohm
Diaphragm Area (Sd)	855 cm² (132.525 in²)

Resonance Frequency (Fs)	43 Hz
Moving Mass (Mms)	99.2 g (3.499 oz)
Compliance (Cms)	0.141 mm/N
Force Factor (BxL)	17.88 N/A
Mechanical Q-Factor (Qms)	9
Electrical Q-Factor (Qes)	0.39
Total Q-Factor (Qts)	0.37
Equivalent Air Volume (Vas)	146.26 l (5.165 ft³)
Voice Coil Inductance (Le)	0.91 mH
Reference Efficiency (Eta 0)	2.78 %
Efficiency Bandwidth Product (EBP)	110 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	9.4 kg (20.723 lb)
Multipack Quantity	1
Multipack size W x D x H	410 mm x 410 mm x 260 mm (16.1 in x 16.1 in x 10.2 in)
Multipack Weight	10.7 kg (23.59 lb)

