

WAF061.80

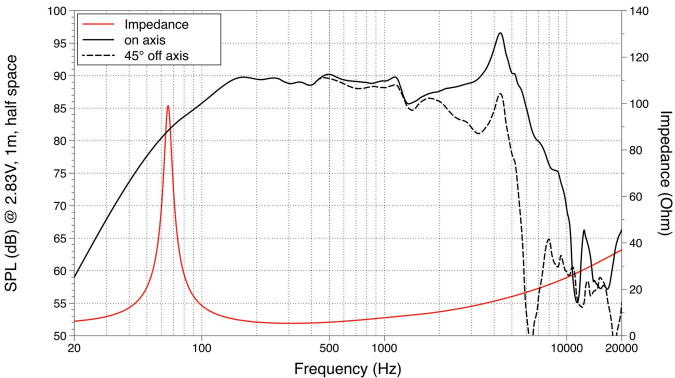
Lavoce

6.5" WOOFER

FERRITE MAGNET

ALUMINIUM BASKET DRIVER

- 1.8 INCH CCAW VOICE COIL- 91 dB/SPL SENSITIVITY
 - 300 WATT PROGRAM POWER HANDLING
 - FEM OPTIMIZED MOTOR AND SUSPENSIONS
 - RUBBER SURROUND MATERIAL- DESIGNED TO MEET IP55 REQUIREMENTS (WHEN INSTALLED AS SPECIFIED)



GENERAL SPECIFICATIONS

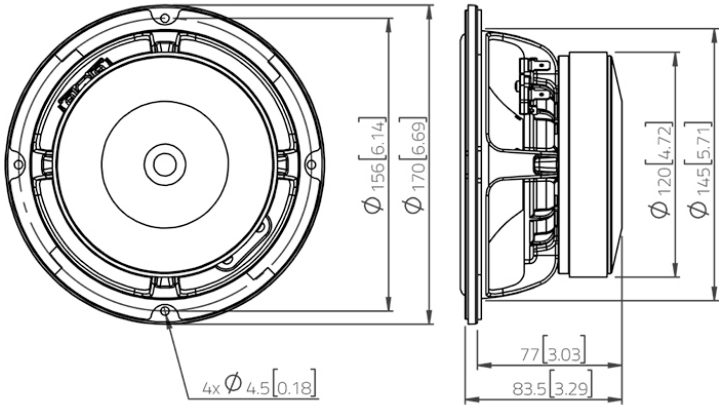
Nominal Diameter	165 mm (6.5 in)
Nominal Impedance	8 ohm
Minimum Impedance	5.4 ohm
Program Power	300 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	150 W Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air.
Sensitivity	91 dB From T/S parameters, measured with Klippel DA LPM module.
Frequency Range	65 ÷ 5000 Hz
Voice Coil Diameter	45 mm (1.8 in)
Chassis Material	ALUMINIUM
Magnet Material	FERRITE
Magnet Dimensions OD x ID x h	120 x 60 x 20 mm (4.72 x 2.36 x 0.79 in)
Coil Material	CCA W
Former Material	GLASS FIBER
Cone Material	WATER PROOF TREATED PAPER
Surround Material	RUBBER
Xmax	4.9 mm (0.19 in) The Xmax is calculated as: (Hvc - Hg)/2+ Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	7.4 mm (0.29 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	12.8 mm (0.5 in)
Driver Displacement Volume	0.8 l (0.028 ft³)
Recommended Enclosure	10.2 l (0.36 ft³)
Recommended Tuning	80 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)	132 cm² (20.46 in²)
Resonance Frequency (Fs)	65 Hz
Moving Mass (Mms)	20.1 g (0.709 oz)
Compliance (Cms)	0.294 mm/N
Force Factor (BxL)	9.46 N/A
Mechanical Q-Factor (Qms)	8.82
Electrical Q-Factor (Qes)	0.44
Total Q-Factor (Qts)	0.42
Equivalent Air Volume (Vas)	7.26 l (0.256 ft³)
Voice Coil Inductance (Le)	0.34 mH
Reference Efficiency (Eta 0)	0.45 %
Efficiency Bandwidth Product (EBP)	148 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	2.3 kg (5.071 lb)
Multipack Quantity	8
Multipack size W x D x H	410 mm x 375 mm x 235 mm (16.1 in x 14.8 in x 9.3 in)
Multipack Weight	20.6 kg (45.42 lb)

REPAIR KITS

LF Repair Kit	VRK10060
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