

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
- RESONANCE FREE AND HEAVY DUTY BASKET DESIGN
- RUBBER SURROUND MATERIAL

GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	165 (6.5)
Nominal impedance	Ω	8
Minimum impedance	Ω	5,3
Program power (1)	W	300
AES Power rating (2)	W	150
Sensitivity (3)	dB	91
Frequency range	Hz	65 ÷ 5000
Voice coil diameter	mm (in.)	45 (1.8)
Chassis material	Aluminium	
Magnet material	Ferrite	
Magnet dimensions OD x ID x h	mm (in.)	120 x 60 x 20 (4.72 x 2.36 x 0.79)
Coil material	CCA W	
Former material	Glass Fiber	
Cone material	Water Proof Treated Paper	
Surround material	Rubber	
Xmax (4)	mm (in.)	4,8 (0.19)
Xmech (5)	mm (in.)	7,3 (0.29)
Gap height	mm (in.)	6 (0.24)
Voice coil winding height	mm (in.)	12,6 (0.5)
Driver displacement volume	l (ft³)	0,8 (0.03)

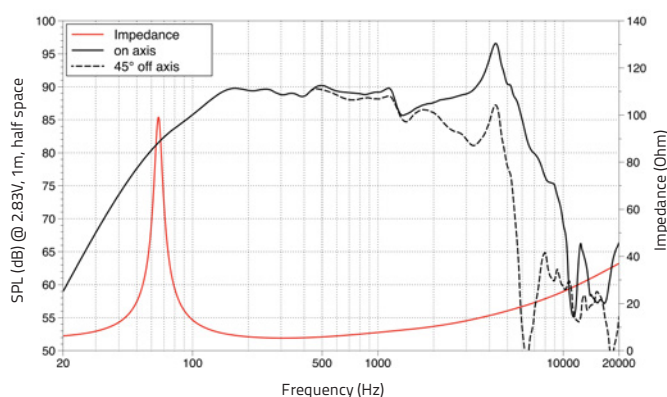
SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	4,7
Resonance frequency	Fs	Hz	65
Moving mass	Mms	g (oz)	20 (0.71)
Compliance	Cms	mm/N	0,30
Force factor	BxL	N/A	9,5
Mechanical Q-factor	Qms		8,6
Electrical Q-factor	Qes		0,43
Total Q-factor	Qts		0,4
Equivalent air volume	Vas	l (ft³)	7,5 (0.26)
Voice coil inductance	Le	mH	0,33
Diaphragm area	Sd	cm² (in.²)	135 (20.93)
Reference efficiency	Eta 0	%	0,46

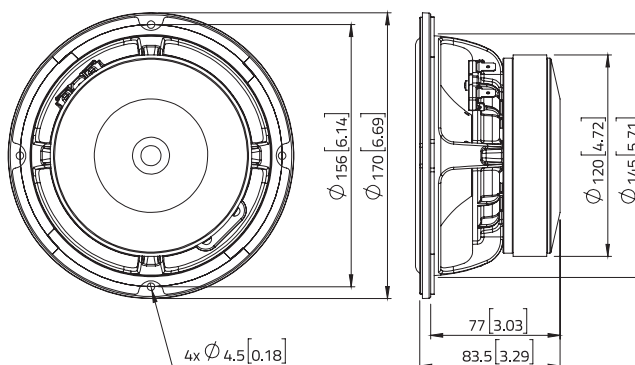
SHIPPING INFORMATION

Net weight	kg (lb.)	2,3 (5)
Multipack size (8)	mm (in.)	410 x 370 x 231 (16.1 x 14.6 x 9.1)
Multipack weight	kg (lb.)	21 (46.2)

FREQUENCY RESPONSE



DIMENSIONS mm (in.)



(1) Program power is defined as 3 dB greater than AES Power. (2) Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air. (3) From T/S parameters, measured with Klippel DA LPM module. (4) The Xmax is calculated as: $(Hvc - Hg)/2 + Hg/4$. Hvc is the voice coil height and Hg the gap height. (5) The Xmech is calculated as: $(Hvc - Hg)/2 + (Hg - 2)$. Hvc is the voice coil height and Hg the gap height. (6) Thiele-Small parameters are measured after preconditioning: a) at 20°C - 22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

All specifications subject to change without notice_C.a

