WAN103.01

Lavoce

10" WOOFER
NEODYMIUM MAGNET
ALUMINIUM BASKET DRIVER

- 3 INCH CCAW VOICE COIL
- 99,5 dB/SPL SENSITIVITY
- 900 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM

GENERAL SPECIFICATIONS

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Nominal diameter	mm (in.)	250 (10)
Nominal impedance	Ω	8
Minimum impedance	Ω	6,6
Program power (1)	W	900
AES Power rating (2)	W	450
Sensitivity (3)	dB	99,5
Frequency range	Hz	70 ÷ 3500
Voice coil diameter	mm (in.)	75 (3)
Chassis material		Aluminium
Magnet material		Neodymium
Magnet dimensions OD x ID x h	mm (in.)	120 x 80 x 10 (4.72 x 3.15 x 0.39)
Coil material		CCAW
Former material		Kapton
Cone material		Water Resistant Treated Paper + Water Proof Front Side Treatment
Surround material		Polycotton
Xmax (4)	mm (in.)	5 (0.2)
Xmech (5)	mm (in.)	10,1 (0.4)
Gap height	mm (in.)	9,5 (0.37)
Voice coil winding height	mm (in.)	14,7 (0.58)
Driver displacement volume	l (ft³)	1,6 (0.06)
Recommended enclosure	l (ft³)	26,3 (0.93)
Recommended tuning	Hz	97

SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	5,5
Resonance frequency	Fs	Hz	70
Moving mass	Mms	g (oz)	39,6 (1.4)
Compliance	Cms	mm/N	0,129
Force factor	BxL	N/A	20,57
Mechanical Q-factor	Qms		5,94
Electrical Q-factor	Qes		0,23
Total Q-factor	Qts		0,22
Equivalent air volume	Vas	l (ft³)	26,3 (0.93)
Voice coil Inductance	Le	mH	0,72
Diaphragm area	Sd	cm² (in.²)	380,1 (58.9)
Reference efficiency	Eta 0	%	3,87
Efficiency bandwidth product	EBP	Hz	304

SHIPPING INFORMATION

Net weight	kg (lb.)	3,1 (6.8)
Multipack size (1) W x D x H	mm (in.)	293 x 293 x 145 (11.5 x 11.5 x 5.7)
Multipack weight	kg (lb.)	3,8 (8.4)

FREQUENCY RESPONSE AND IMPEDANCE
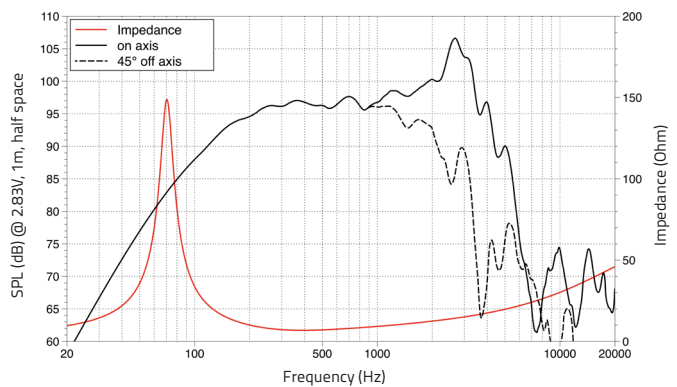
DIMENSIONS mm (in.)
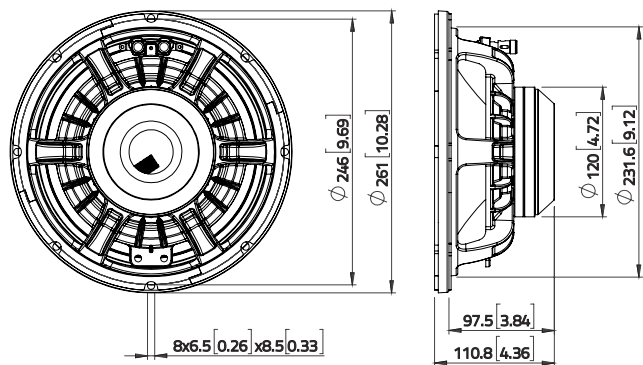
(1) Program power is defined as 3 dB greater than AES Power. (2) Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air. (3) From T/S parameters, measured with Klippel DA LPM module. (4) The Xmax is calculated as: (Hvc - Hg)/2+ 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_E.a