

NBASS12-30

12" BASS GUITAR SPEAKER

400W of pure bass tonality; lightweight neo motor, super flat response shape to 3kHz and an optimized resonance ensure the low-end and mid-high partnership of NBASS12-30 impresses every time.

400 W 3" VC 97,5 dB 50-3000 Hz

GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	300 (12)
Nominal impedance	Ω	8
Minimum impedance	Ω	6,2
Program power (1)	W	800
AES Power rating (2)	W	400
Sensitivity (3)	dB	97,5
Frequency range	Hz	50 ÷ 3000
Voice coil diameter	mm (in.)	75 (3)
Chassis material	Steel	
Magnet material	Neodymium	
Magnet dimensions	mm (in.)	74 x 9 (2.91 x 0.35)
Coil material	Copper	
Former material	Glass Fiber	
Cone material	Water Resistant Treated Paper	
Surround material	Polycotton	
Xmax (4)	mm (in.)	4 (0.16)
Xmech (5)	mm (in.)	12,5 (0.49)
Gap height	mm (in.)	10,5 (0.41)
Voice coil winding height	mm (in.)	18,5 (0.73)
Driver displacement volume	l (ft ³)	2,1 (0.07)
Recommended enclosure	l (ft ³)	47,5 (1.68)
Recommended tuning	Hz	55

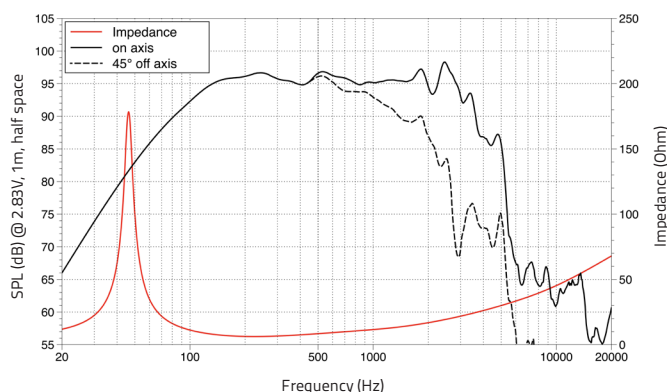
SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	5,4
Resonance frequency	Fs	Hz	46
Moving mass	Mms	g (oz)	68,7 (2.42)
Compliance	Cms	mm/N	0,173
Force factor	BxL	N/A	19,15
Mechanical Q-factor	Qms		9,49
Electrical Q-factor	Qes		0,29
Total Q-factor	Qts		0,28
Equivalent air volume	Vas	l (ft ³)	68,86 (2.43)
Voice coil inductance	Le	mH	1,00
Diaphragm area	Sd	cm ² (in. ²)	530,9 (82.3)
Reference efficiency	Eta 0	%	2,24
Efficiency bandwidth product	EBP	Hz	159

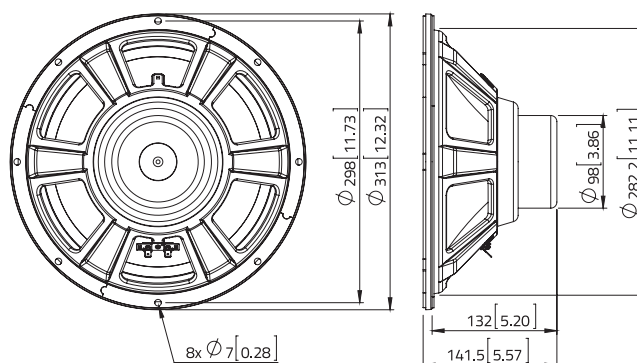
SHIPPING INFORMATION

Net weight	kg (lb.)	2,9 (6.5)
Multipack size (1)	mm (in.)	356 x 256 x 173 (14 x 14 x 6.8)
Multipack weight	kg (lb.)	4,3 (9.4)

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: $(H_{vc} - H_g)/2 + H_g/4$. Hvc is the voice coil height and Hg the gap height. (5) The Xmech is calculated as: $(H_{vc} - H_g)/2 + (H_g - 2)$. 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