Jensen® loudspeakers

bass guitar smooth

BS 12N/250A 8Ω

Code ZJ06810

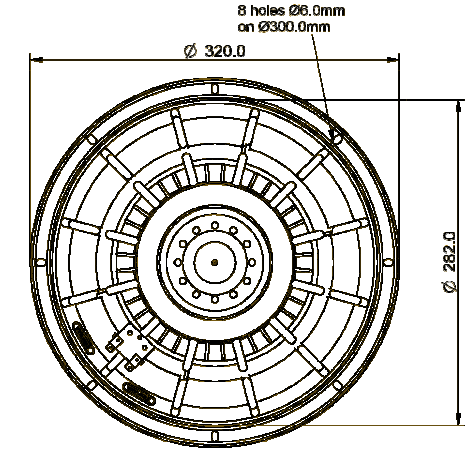
12" 500W

- **Smooth sound bass guitar loudspeaker**
- **2.5" voice coil fiberglass former**
- **Cone waterproof treatment**
- **Ventilated magnet circuit to reduce power compression**
- **Neodymium magnet circuit**
- **96.4 dB sensitivity**

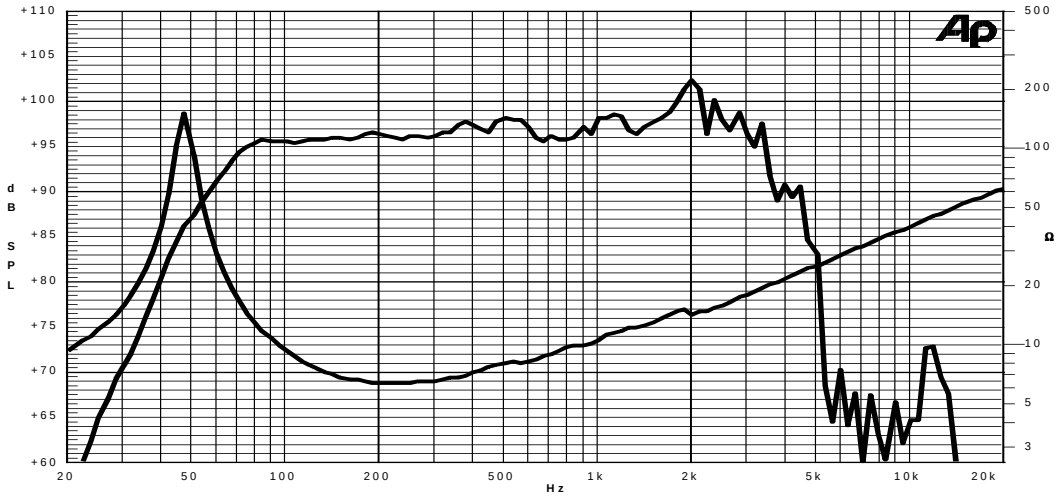
Specifications	
Nominal Diameter	320mm (12")
Nominal Impedance	8Ω
Rated Power AES (1)	250W
Continuous Program Power (2)	500W
Sensitivity @ 1W/1m (3)	96.4dB
Voice Coil Diameter	65mm (2.5")
Voice Coil Winding Depth	18mm
Magnetic Gap Depth	8mm
Flux Density	1.14T
Magnet Weight	220g
Net Weight	2.5kg

Thiele & Small Parameters (4)			
Re	5.50Ω	Fs	47.0Hz
Qms	12.58	Qes	0.44
Qts	0.43	Mms	56.7g
Cms	200µm/N	Bxl	14.37Tm
Vas	81.3l	Sd	530.9cm²
X max(5)	+/-5.5mm	X var (6)	+/-8.9mm
η_0	1.81%	Le (1kHz)	1.00mH

Constructive Characteristics	
Magnet	: Neodymium
Basket Material	: Aluminium Die-Cast
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Fiberglass
Cone Material	: Paper
Cone Treatment	: Surface Waterproof Treatment
Surround Material	: Treated Cloth
Dust Dome Material	: Solid Paper



Frequency Response on 55 Litres Vented Box @ 1W, 0.5m, normalized to SPL 1m
Free Air Impedance



Note:
1 : Rated Power measured with 2 hours test with pink noise signal, 6dB crest factor, loudspeaker mounted on enclosure
2: Power on Continuous Program is defined as 3 dB greater than the Rated Power
3: Calculated by Thiele & Small parameters
4: Thiele & Small parameters measured with laser system without preconditioning test
5: Measured with respect to a THD of 10% using a parameter-based method
6: Value corresponding to a decay of the Force Factor, or Compliance, or both, equal to the 50% of the small signal value.
7: Drawing dimensions: mm

Due to continuing product improvement, the features and the design are subject to change without notice. 03/03/14

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