12" 700W

Code Z007840

12 BS 3 PL 8 Ω

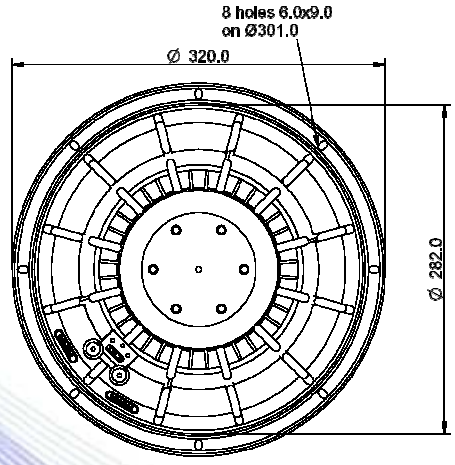
Bass Speaker

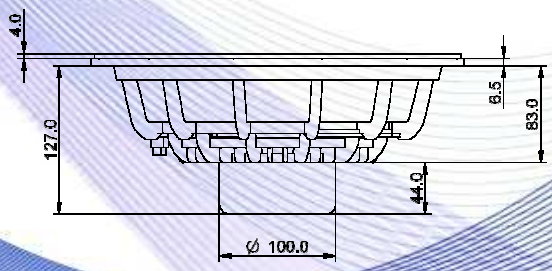
- 3” sandwich voice coil Kapton former and aluminium wire
- Smooth sound
- Neodymium magnet
- Progressive wave Konex spider
- Cloth surround with DAR technology
- Cone waterproof treatment
- Ventilated voice coil to reduce power compression
- 97.1 dB sensitivity

Specifications	
Nominal Diameter	320mm (12")
Nominal Impedance	8Ω
Rated Power AES (1)	350W
Continuous Program Power (2)	700W
Sensitivity @ 1W/1m (3)	97.1dB
Voice Coil Diameter	75mm (3")
Voice Coil Winding Depth	21mm
Magnetic Gap Depth	10mm
Flux Density	1.22T
Magnet Weight	360g
Net Weight	3.5kg

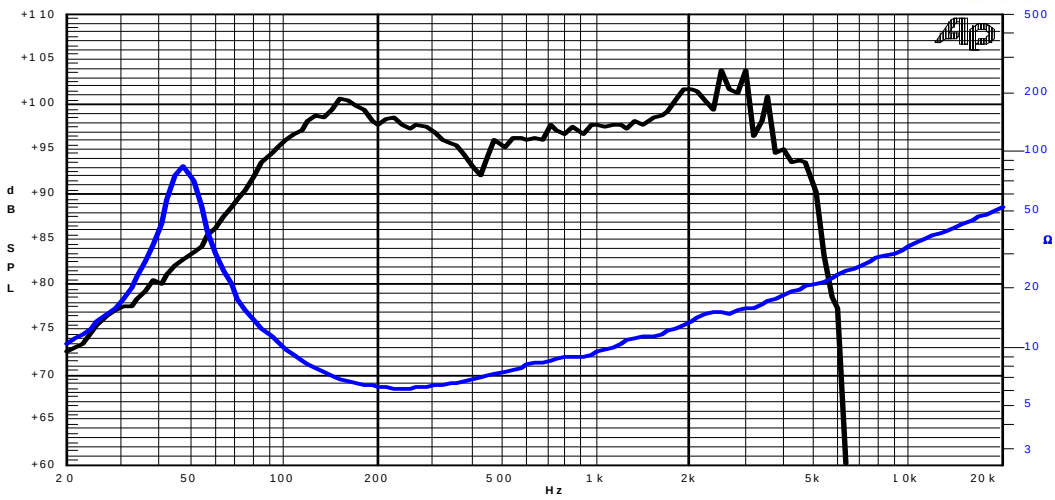
Thiele & Small Parameters (4)			
Re	5.30Ω	Fs	47.0Hz
Qms	5.57	Qes	0.38
Qts	0.35	Mms	58.4g
Cms	199µm/N	Bxl	15.44Tm
Vas	79.3l	Sd	530.9cm^2
X max(5)	+/-5.5mm	X var (6)	+/-8.0mm
η_0	2.05%	Le (1kHz)	0.76mH

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





Frequency Response on IEC Baffle (DIN 45575) @ 1W,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

8: The notch around 400Hz on the frequency response is typical of the measurement on IEC baffle

21/03/12