10" 500W

Code Z006013

10 SR 2,5 CP 8Ω

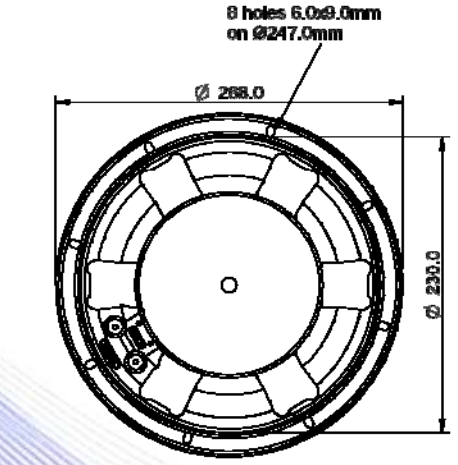
Sub-Woofer

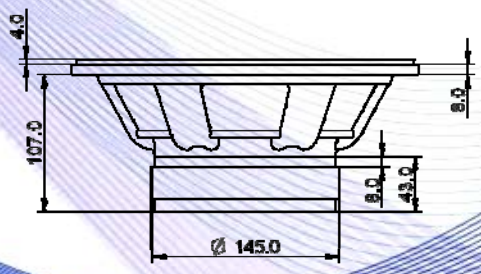
- 2,5” voice coil fiberglass former
- High excursion rubber surround
- Cone waterproof treatment
- Ventilated voice coil to reduce power compression
- High excursion ferrite magnet circuit
- 92.4 dB sensitivity

Specifications	
Nominal Diameter	269mm (10")
Nominal Impedance	8Ω
Rated Power AES (1)	250W
Continuous Program Power (2)	500W
Sensitivity @ 1W/1m (3)	92.4dB
Voice Coil Diameter	65mm (2,5")
Voice Coil Winding Depth	18mm
Magnetic Gap Depth	8mm
Flux Density	1.05T
Magnet Weight	1430g
Net Weight	5.0kg

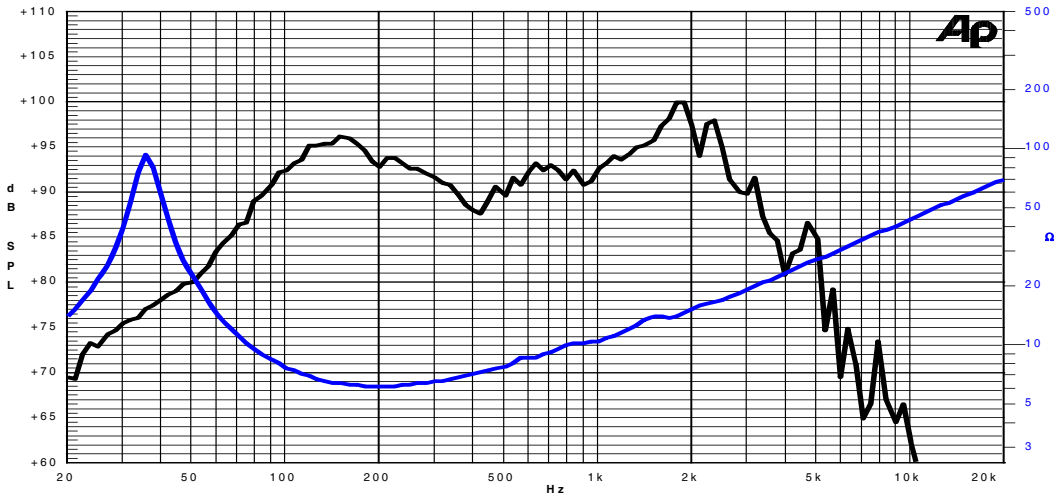
Thiele & Small Parameters (4)			
Re	5.20Ω	Fs	36.5Hz
Qms	6.58	Qes	0.38
Qts	0.36	Mms	60.3g
Cms	319µm/N	Bxl	13.71Tm
Vas	56.3l	Sd	353.0cm²
X max(5)	+/-6.0mm	X var (6)	+/-10.0mm
η_0	0.70%	Le (1kHz)	1.16mH

Constructive Characteristics	
Magnet	: Ferrite
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	: Rubber
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

Due to continuing product improvement, the features and the design are subject to change without notice. 08/10/14

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