10" 300W

Code Z005781

10 Fe 2 CP 8Ω

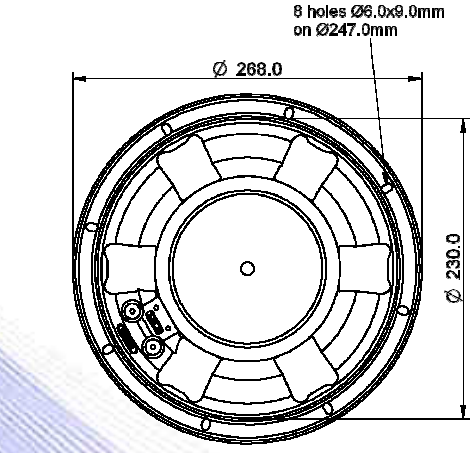
Professional Woofer

- 2” voice coil Kapton former
- Cloth surround with DAR technology
- Cone waterproof treatment
- BMF ferrite magnet
- 94.7 dB sensitivity

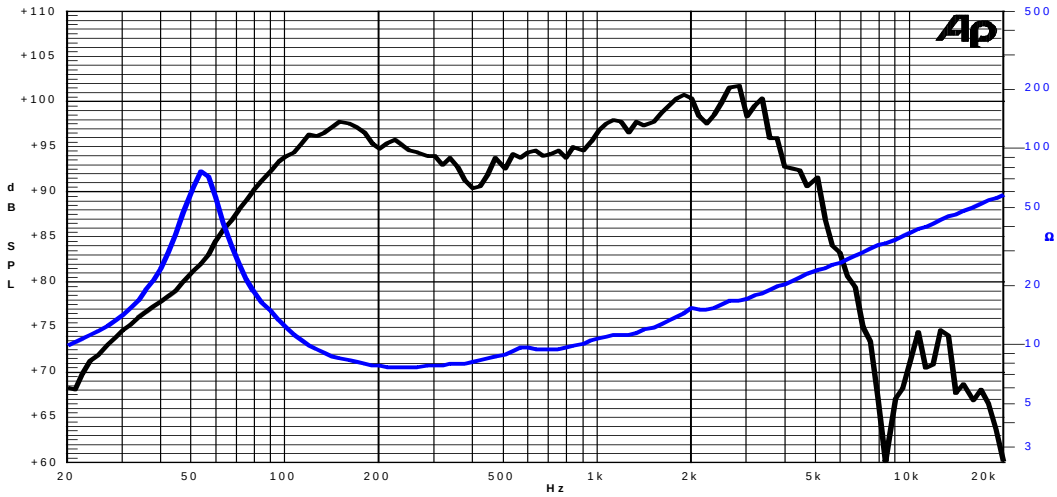
Specifications	
Nominal Diameter	269mm (10")
Nominal Impedance	8Ω
Rated Power AES (1)	150W
Continuous Program Power (2)	300W
Sensitivity @ 1W/1m (3)	94.7dB
Voice Coil Diameter	50mm (2")
Voice Coil Winding Depth	14mm
Magnetic Gap Depth	8mm
Flux Density	1.15T
Magnet Weight	930g
Net Weight	3.2kg

Thiele & Small Parameters (4)			
Re	6.20Ω	Fs	55.7Hz
Qms	5.37	Qes	0.45
Qts	0.41	Mms	34.7g
Cms	270µm/N	Bxl	12.51Tm
Vas	45.9l	Sd	346.4cm^2
X max(5)	+/-4.0mm	X var (6)	+/-7.0mm
η_0	1.39%	Le (1kHz)	0.76mH

Constructive Characteristics	
Magnet	: Ferrite
Basket Material	: Aluminium Die-Cast
Voice Coil Winding Material	: Copper
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

Due to continuing product improvement, the features and the design are subject to change without notice. 14/02/13

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