15" 500W

Code Z008198

15 S 2,5 CS 4Ω

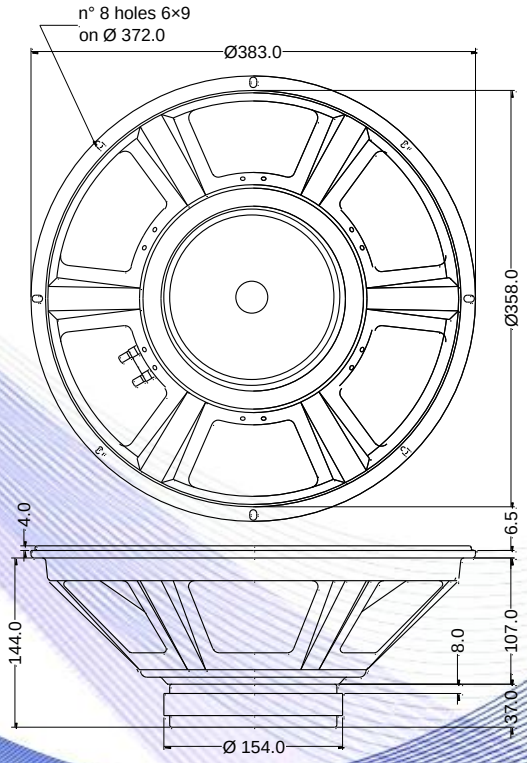
Sub-Woofer

- 2.5” voice coil fiberglass former
- Ferrite magnet circuit
- 94.6 dB sensitivity

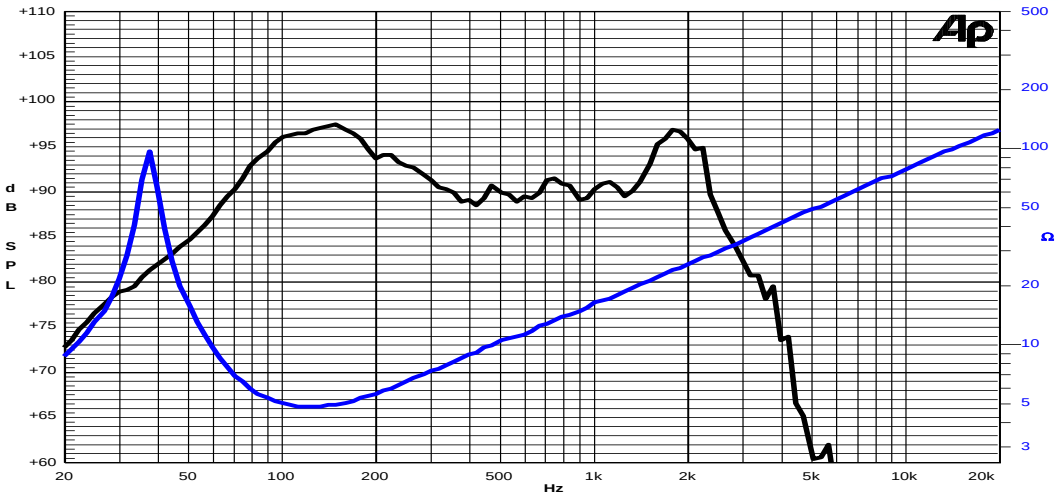
Specifications	
Nominal Diameter	385mm (15")
Nominal Impedance	4Ω
Rated Power AES (1)	250W
Continuous Program Power (2)	500W
Sensitivity @ 1W/1m (3)	94.6dB
Voice Coil Diameter	65mm (2,5")
Voice Coil Winding Depth	17mm
Magnetic Gap Depth	8mm
Flux Density	0.81T
Magnet Weight	1450g
Net Weight	5.4kg

Thiele & Small Parameters (4)			
Re	3.72Ω	Fs	38.1Hz
Qms	11.50	Qes	0.41
Qts	0.40	Mms	112.0g
Cms	155µm/N	Bxl	15.58Tm
Vas	125.3l	Sd	754.8cm^2
X max (5)	+/-5.0mm	X var (6)	+/-6.4mm
η_0	1.62%	Le (1kHz)	2.06mH

Constructive Characteristics	
Magnet	: Ferrite
Basket Material	: Pressed Sheet Steel
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Fiberglass
Cone Material	: Paper
Cone Treatment	: No
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. 02/03/15

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