15" 700W

Code Z008293

15 L 3 SL 4Ω

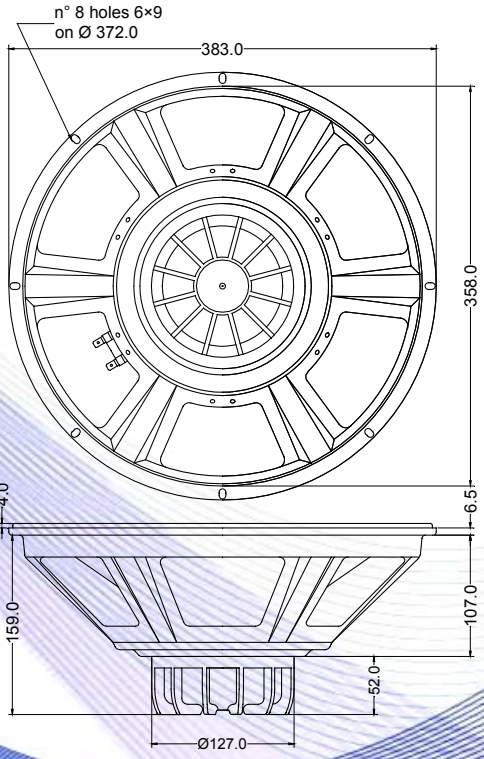
Professional Woofer

- 3” voice coil Kapton former
- Ventilated voice coil to reduce power compression
- Neodymium magnet circuit
- 98.2 dB sensitivity

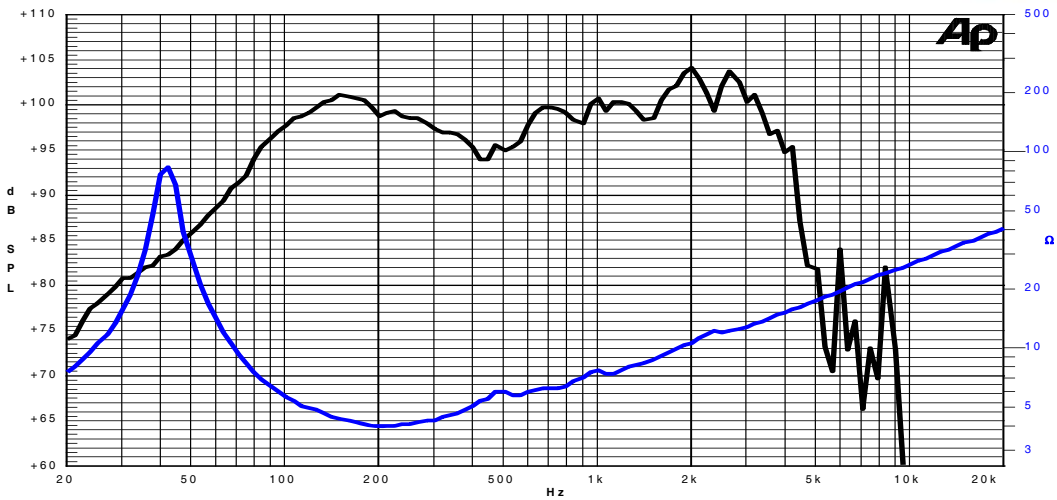
Specifications	
Nominal Diameter	385mm (15")
Nominal Impedance	4Ω
Rated Power AES (1)	350W
Continuous Program Power (2)	700W
Sensitivity @ 1W/1m (3)	98.2dB
Voice Coil Diameter	75mm (3")
Voice Coil Winding Depth	19mm
Magnetic Gap Depth	10mm
Flux Density	1.17T
Magnet Weight	360g
Net Weight	4.0kg

Thiele & Small Parameters (4)			
Re	3.10Ω	Fs	43.6Hz
Qms	11.81	Qes	0.36
Qts	0.35	Mms	78.7g
Cms	169µm/N	Bxl	13.67Tm
Vas	137.0l	Sd	754.8cm²
X max (5)	+/-4.5mm	X var (6)	+/-6.6mm
η_0	3.06%	Le (1kHz)	0.61mH

Constructive Characteristics	
Magnet	: Neodymium
Basket Material	: Pressed Sheet Steel
Voice Coil Winding Material	: Aluminium
Voice Coil Former Material	: Kapton
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. 15/05/14

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