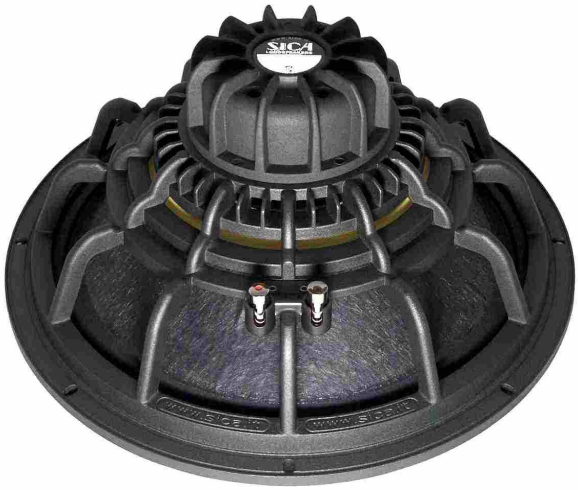
15" 700W

Code Z008331

15 K 3 PL 8 Ω

Professional Woofer

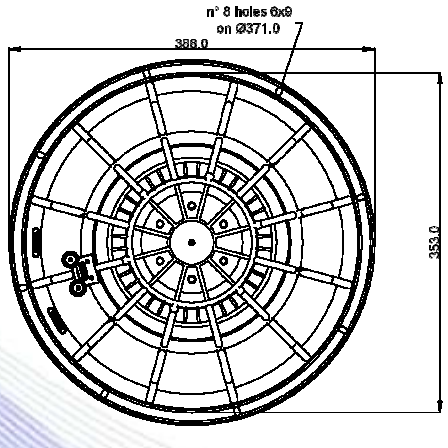
- 3” sandwich voice coil Kapton former
- Progressive wave Konex spider
- Cloth surround with DAR technology
- Autoclave waterproof cone treatment
- Balanced neodymium magnet circuit with copper ring
- Ventilated magnet and voice coil to reduce power compression
- 99.7 dB sensitivity

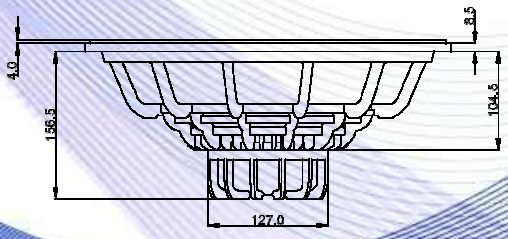


Specifications	
Nominal Diameter	388mm (15")
Nominal Impedance	8Ω
Rated Power AES (1)	350W
Continuous Program Power (2)	700W
Sensitivity @ 1W/1m (3)	99.7dB
Voice Coil Diameter	75mm (3")
Voice Coil Winding Depth	20mm
Magnetic Gap Depth	10mm
Flux Density	1.42T
Magnet Weight	560g
Net Weight	4.0kg

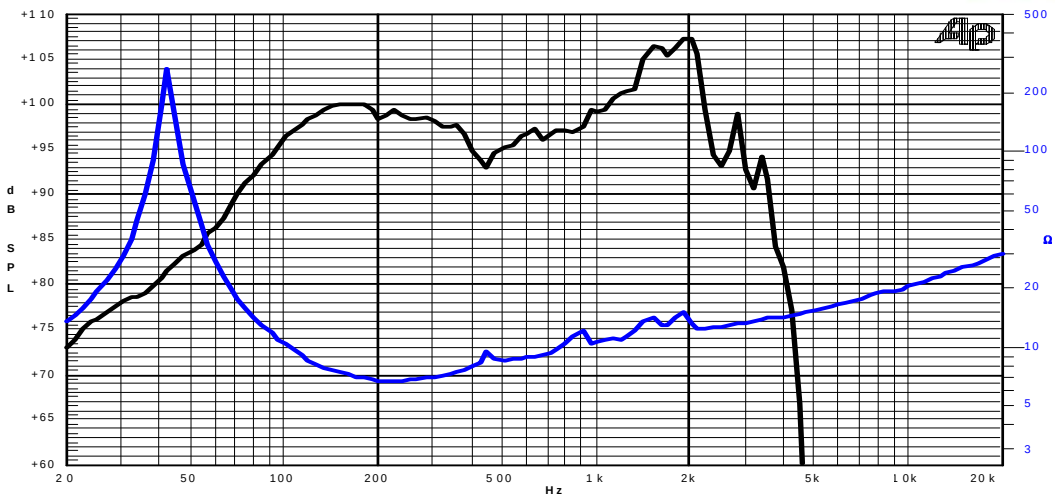
Thiele & Small Parameters (4)			
Re	5.30Ω	Fs	43.0Hz
Qms	9.94	Qes	0.30
Qts	0.29	Mms	96.2g
Cms	150µm/N	Bxl	21.44Tm
Vas	150.4l	Sd	855.3cm^2
X max (5)	+/-6.0mm	X var (6)	+/-11.0mm
η_0	3.73%	Le (1kHz)	0.60mH

Costructive Characteristics	
Magnet	: Neodymium
Basket Material	: Aluminium Die-Cast
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Kapton
Cone Material	: Paper
Cone Treatment	: Humidity Resistant Pulp
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. 21/03/12

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