8" 300W Code Z005112 8 Fe 2 CP 8Ω

**Professional Woofer** 

• 2" voice coil Kapton former

SICA))

loudspeakers

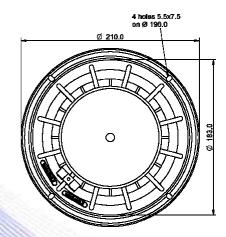
- Cloth surround with DAR technology
- Cone waterproof treatment
- BMF ferrite magnet
- 94.7 dB sensitivity

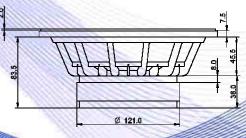
Specifi	cations
Nominal Diameter	210mm (8")
Nominal Impedance	8Ω
Rated Power AES <sup>(1)</sup>	150W
Continuous Program Power <sup>(2)</sup>	300W
Sensitivity @ 1W/1m <sup>(3)</sup>	94.7dB
Voice Coil Diameter	50mm (2")
Voice Coil Winding Depth	14mm
Magnetic Gap Depth	8mm
Flux Density	1.20T
Magnet Weight	930g
Net Weight	2.8kg

			I WOODOWNOCCO I I	
Thiele & Small Parameters (4)				
Re	6.00Ω	Fs	71.0Hz	
Qms	1.99	Qes	0.38	
Qts	0.32	Mms	21.7g	
Cms	234 µm/N	Bxl	12.27Tm	
Vas	15.11	Sd	213.8cm <sup>2</sup>	
X max <sup>(5)</sup>	+/-5.0mm	X var <sup>(6)</sup>	+/-8.5mm	
$\eta_0$	1.34%	Le (1kHz)	0.78mH	

Constructive Characteristics   Magnet : Ferrite   Basket Material : Aluminium Die-Cast   Voice Coil Winding Material : Copper   Voice Coil Former Material : Kapton			
Basket Material : Aluminium Die-Cast   Voice Coil Winding Material : Copper	Constructive Characteristics		
Voice Coil Winding Material : Copper	Magnet	: Ferrite	
	Basket Material	: Aluminium Die-Cast	
Voice Coil Former Material Kapton	Voice Coil Winding Material	: Copper	
	Voice Coil Former Material	: Kapton	
Cone Material : Paper	Cone Material	: Paper	
Cone Treatment : Surface Waterproof Treatment	Cone Treatment	: Surface Waterproof Treatment	
Surround Material : Treated Cloth	Surround Material	: Treated Cloth	
Dust Dome Material : Solid Paper	Dust Dome Material	: Solid Paper	







## Frequency Response on IEC Baffle (DIN 45575) @ 1W,1m - Free Air Impedance +110 Ao +105 +100 +95 d B +90 +85 S P +80 L +75 +70 +65 +60 50 500 100 200 2 k 201 20 1 k 101 Нz

Note:

200

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.

15/02/13