5" 200W Code Z002651

Professional Woofer

- 1,5" voice coil Kapton former and aluminium winding
- Cone waterproof treatment
- Neodymium magnet

SICA

loudspeakers

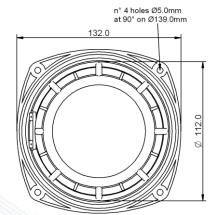
- Rubber surround with DAR technology
- Ventilated voice coil to reduce power compression
- 89.3 dB sensitivity

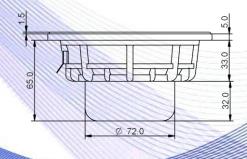
Specifications		
Nominal Diameter	132mm (5")	
Nominal Impedance	4Ω	
Rated Power AES (1)	100W	
Continuous Program Power ⁽²⁾	200W	
Sensitivity @ 1W/1m ⁽³⁾	89.3dB	
Voice Coil Diameter	38mm (1,5")	
Voice Coil Winding Depth	12mm	
Magnetic Gap Depth	6mm	
Flux Density	1.02T	
Magnet Weight	98g	
Net Weight	0.8kg	

Thiele & Small Parameters (4)				
Re	3.10Ω	Fs	60.0Hz	
Qms	3.45	Qes	0.39	
Qts	0.35	Mms	8.4g	
Cms	838µm/N	Bxl	5.04Tm	
Vas	7.31	Sd	78.5cm ²	
X max ⁽⁵⁾	+/-3.8mm	X var (6)	+/-6.2mm	
η_0	0.40%	Le (1kHz)	0.19mH	

Constructive CharacteristicsMagnet: NeodymiumBasket Material: Aluminium Die-CastVoice Coil Winding Material: AluminiumVoice Coil Former Material: KaptonCone Material: PaperCone Treatment: Surface Waterproof TreatmentSurround Material: RubberDust Dome Material: Treated Cloth			
Basket Material : Aluminium Die-Cast Voice Coil Winding Material : Aluminium Voice Coil Former Material : Kapton Cone Material : Paper Cone Treatment : Surface Waterproof Treatment Surround Material : Rubber	Constructive Characteristics		
Voice Coil Winding Material : Aluminium Voice Coil Former Material : Kapton Cone Material : Paper Cone Treatment : Surface Waterproof Treatment Surround Material : Rubber	Magnet	: Neodymium	
Voice Coil Former Material : Kapton Cone Material : Paper Cone Treatment : Surface Waterproof Treatment Surround Material : Rubber	Basket Material	: Aluminium Die-Cast	
Cone Material : Paper Cone Treatment : Surface Waterproof Treatment Surround Material : Rubber	Voice Coil Winding Material	: Aluminium	
Cone Treatment : Surface Waterproof Treatment Surround Material : Rubber	Voice Coil Former Material	: Kapton	
Surround Material : Rubber	Cone Material	: Paper	
	Cone Treatment	: Surface Waterproof Treatment	
Dust Dome Material : Treated Cloth	Surround Material	: Rubber	
	Dust Dome Material	: Treated Cloth	







Frequency Response on IEC Baffle (DIN 45575) @ 1W,1m - Free Air Impedance +110 Ao +105 +100 +95 d B +90 +85 s +80 L +75 +70 +65 +60 50 100 200 500 104 20k 1k 2k Hz

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.

26/01/17