Code Z008294

Professional Woofer

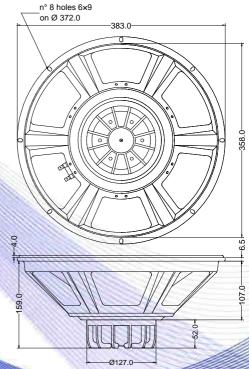
- 3" voice coil Kapton former and aluminium winding
- Cloth surround with DAR technology
- Balanced neodymium magnet circuit
- Cooling radiator and ventilated voice coil to reduce power compression
- 97.2 dB sensitivity

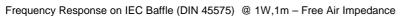
Nominal Diameter 385mm (15") Nominal Impedance 8Ω Rated Power AES (1) 350W Continuous Program Power (2) 700W Sensitivity @ 1W/1m (3) 97.2dB Voice Coil Diameter 75mm (3") Voice Coil Winding Depth 18mm Magnetic Gap Depth 10mm Flux Density 1.17T Magnet Weight 360g	Specifications		
Rated Power AES (1) Continuous Program Power (2) Sensitivity @ 1W/1m (3) Voice Coil Diameter Voice Coil Winding Depth Magnetic Gap Depth Flux Density 350W 700W 97.2dB 75mm (3") 18mm 10mm 10mm	Nominal Diameter	385mm (15")	
Continuous Program Power (2)700WSensitivity @ 1W/1m (3)97.2dBVoice Coil Diameter75mm (3")Voice Coil Winding Depth18mmMagnetic Gap Depth10mmFlux Density1.17T		8Ω	
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Magnetic Gap Depth 10mm Flux Density 1.17T	Voice Coil Diameter	75mm (3")	
Flux Density 1.17T	Voice Coil Winding Depth	18mm	
•	Magnetic Gap Depth	10mm	
Magnet Weight 360g	Flux Density	1.17T	
Wagnet Weight Coop	Magnet Weight	360g	
Net Weight 4.0kg	Net Weight	4.0kg	

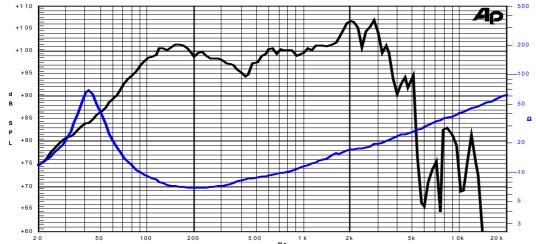
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Thiele & Small Parameters (4)			
Re	6.10Ω	Fs	42.0Hz
Qms	6.88	Qes	0.42
Qts	0.40	Mms	80.4g
Cms	179µm/N	Bxl	17.54Tm
Vas	144.01	Sd	754.8 cm ²
X max ⁽⁵⁾	+/-4.0 mm	X var (6)	+/-6.0mm
η_0	2.43%	Le (1kHz)	1.12mH

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		









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
- 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.

08/11/12