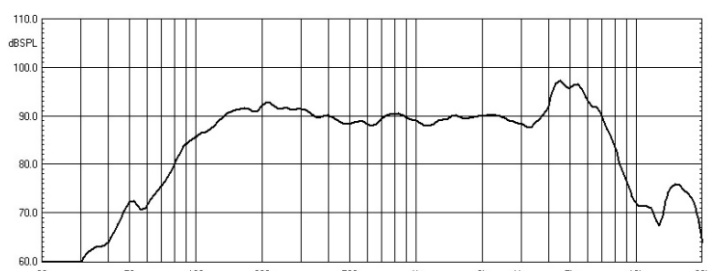


KEY FEATURES:

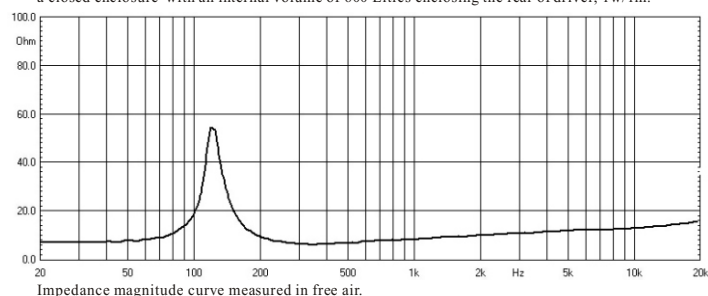
- ▶ 200 W continuous program power handling
- ▶ 91dB Sensitivity 1w/1m
- ▶ Extended mid range response up to 7kHz
- ▶ 50mm(2 in) edgewound copper clad aluminum voice coil with Kapton former
- ▶ Inverted dust cap to minimize the cone distortion and for better coupling to a phase plug
- ▶ Copper shorting ring to minimize distortion and linearize impedance curve
- ▶ Ideal for high quality midrange applications

主要特征:

- ▶ 额定功率: 100W (AES标准)
- ▶ 灵敏度: 91dB
- ▶ 频率响应范围: 120Hz~7.5k Hz
- ▶ 50mm 铜包铝扁线音圈, Kapton骨架
- ▶ 反帽设计, 改善纸盆失真及更好地与相位塞耦合
- ▶ 降低谐波失真的铜短环设计
- ▶ 适用于高品质的中音应用



Frequency response curve of the loudspeaker taken in free-field(4pi) environment and mounted in a closed enclosure with an internal volume of 600 Litres enclosing the rear of driver, 1w/1m.



Impedance magnitude curve measured in free air.

SPECIFICATIONS

General Specifications

Nominal Diameter	170/6.5	mm/inch
Rated Impedance	6	ohm
Nominal Power handling ¹	100	Watts
Program Power ²	200	Watts
Sensitivity(1w/1m) ³	91	dB
Frequency Range ⁴	120 - 7.5k	Hz
Minimum Impedance(Zmin)	5.8	ohm
Voice Coil Diameter	50/2	mm/inch
Voice Coil Material	Edgewound Copper Clad Aluminum	
Voice Coil Winding Depth	13	mm
Number of layers	2	
Magnet gap depth	8	mm
Cone Shape	Curved	
Surround Shape	Flat	
Basket	Cast Aluminum	
Flux Density	0.8	T
Magnet Material/Mass	Ceramic/0.83	kg

Thiele - Small Parameters

Resonance frequency	Fs	120	Hz
DC resistance	Re	5.0	ohm
Mechanical factor	Qms	5.96	
Electrical factor	Qes	0.59	
Total factor	Qts	0.54	
Mechanical compliance	Cms	0.13	mm/N
Mechanical resistance			
of suspension losses	Rms	1.68	mech-ohm
Effective Moving Mass	Mms	13.2	gr
Half-space efficiency	Eff	1.07	%
BL Factor	BL	9.2	T.m
Equivalent Cas air load	Vas	3.8	liters
Effective piston area	Sd	0.01	m ²
Max. linear excursion ⁵	Xmax	3	mm
Voice - coil inductance	Le1K	0.31	mH

Mounting Information

Overall Diameter	179	mm
Bolt Circle Diameter	169	mm
Bolt Hole Diameter	5.0	mm
Baffle Cutout Diameter	147	mm
Overall Depth	83	mm
Net Weight	2.45	kg

NOTES:

1. AES standard(150~1500Hz).
2. Program Power is defined as 3 dB greater than the nominal power handling.
3. Sensitivity is measured at 1W input on rated impedance at 1m on axis and averaged between 200Hz and 1000Hz.
4. Frequency range is defined as the band of frequencies delineated by the lower and upper limits where the output level drops by 10dB below the rated sensitivity.
5. The maximum linear excursion is calculated as: $(Hvc-Hg)/2+Hg/4$ where Hvc is the voice coil depth and Hg is the gap depth.