



FERRITE

WOOFER

K5C100

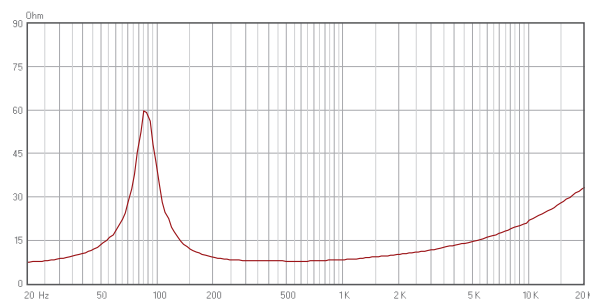
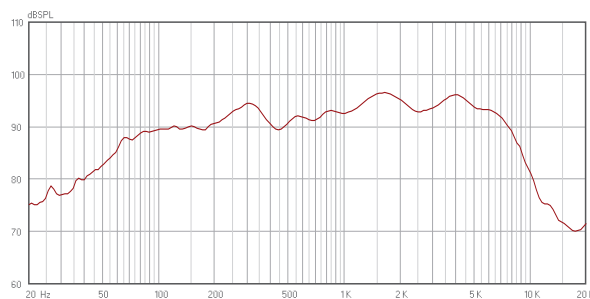
- 300 Watt Max Power
- 38.5mm(1.5 inch) voice coil
- 90Hz to 5KHz frequency response
- 90 dB 1W@1m sensitivity
- Ferrite magnet structure

Specifications

Model	K5C100	
Nominal diameter	in.	5.5
Power handling capacity	W(AES)	150
Max power	Watts	300
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	90
Frequency range	Hz	90-5K
Voice coil diameter	mm/in	38.5/1.5
Fs	Hz	90
Re	Ω	6.0
Qms		6.59
Qes		0.40
Qts		0.38
Vas	L	2.5
Mms	gr	12
Cms	mm/N	0.26
BL	Tm	10.2
Le	mH	0.3
Xmax	mm	4.0
nO	%	0.45
Sd	cm ²	83
Overall diameter	mm	135
Bolt circle diamete	mm	138
Baffle cut-out diameter	mm	125
Overall depth	mm	73
Net weight	Kg	1.5

- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.

Frequency Response and Impedance Magnitude Curve



Dimension Drawings

