

I5BM350

☀ 15 inch ☀ 350 Watts
☀ 97.5 dB ☀ 38 ~ 3000 Hz



KEY FEATURES:

- ① 700 W continuous program power capacity
- ② Sensitivity: 97.5dB 1w/1m
- ③ 38Hz ~ 3000Hz frequency response range
- ④ 76mm(3") voice coil with SV-W(copper round wire)
- ⑤ Kevlar® impregnated cone with sealed cloth edge to provide outstanding reliability and performance
- ⑥ Ideal for compact 2 or 3-way systems

GENERAL SPECIFICATIONS

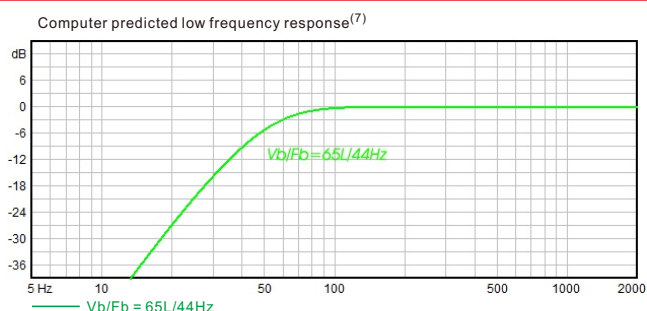
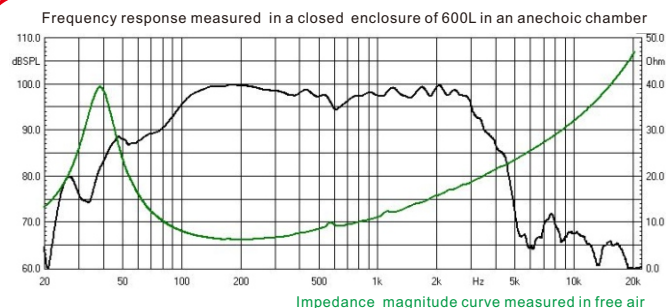
Nominal Diameter	380mm /15inch
Rated Impedance	8 ohm
Nominal Power handling ¹	350 Watts
Program Power ²	700 Watts
Sensitivity(1w/1m) ³	97.5 dB
Frequency Range ⁴	38 ~ 3000Hz
Minimum Impedance(Zmin)	6.2 ohm
Voice Coil Diameter	76mm /3inch
Voice Coil Material	SV-W(Copper)
Former Material	Aluminum
Voice Coil Winding Depth	16 mm
Number of layers	2
Magnet gap depth	9.5 mm
Basket	Cast Aluminum
Flux Density	1.1 T
Magnet Out Diameter/Wgt	180mm / 68 oz

THIELE - SMALL PARAMETERS⁵

Resonance frequency	Fs	38 Hz
DC resistance	Re	5.0 ohm
Mechanical factor	Qms	2.6
Electrical factor	Qes	0.37
Total factor	Qts	0.32
Mechanical compliance	Cms	0.16 mm/N
Mechanical resistance of total-driver losses	Rms	10.2 kg/s
Effective Moving Mass	Mms	108 g
Half-space efficiency	Eff	2.4%
BL Factor	BL	18.8 T.m
Equivalent Cas air load	Vas	166 liters
Effective piston area	Sd	0.0866 m ²
Max. linear excursion ⁶	Xmax	±6 mm
Max. excursion before damage	Xdam	±15.8
Voice coil inductance(1kHz)	Le	1.0 mH
Efficiency Bandwidth Product	EBP	103

MOUNTING INFORMATION

Overall Diameter	389.5 mm
Bolt Circle Diameter	369 mm
Bolt Hole Diameter	6.5 mm
Baffle Cutout Diameter	350 mm
Overall Depth	155 mm
Air volume occupied by driver	5 liters
Net Weight	6.8 kg
Shipping Weight	7.5 kg
Shipping Box	425x425x215 mm



NOTES:

- AES standard
- Program Power is defined as 3 dB greater than the nominal power handling.
- Sensitivity is measured at 1W input on rated impedance at 1m on axis.
- 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.
- T/S parameters measured with laser system BEFORE preconditioning test.
- 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.
- Vb: Net internal volume of box after subtracting the volume of internal objects.