

PS08-38

☀ 8 inch ☀ 150 Watts
☀ 92 dB ☀ 75 ~ 6300 Hz



KEY FEATURES:

- ① 300 W continuous program power capacity
- ② High efficiency: 92dB 1w/1m
- ③ Extended mid range response up to 6300Hz
- ④ 1.5" copper clad aluminum voice coil, vented on fiberglass former for heat dispersion
- ⑤ Ideal for the use in trolley, conference systems

GENERAL SPECIFICATIONS

Nominal Diameter	200mm /8inch
Rated Impedance	8 ohm
Nominal Power handling ¹	150 Watts
Program Power ²	300 Watts
Sensitivity(1w/1m) ³	92 dB
Frequency Range ⁴	75 ~ 6300Hz
Minimum Impedance(Zmin)	6.2 ohm
Voice Coil Diameter	38mm /1.5inch
Voice Coil Material	CCAW
Former Material	Fiberglass
Voice Coil Winding Depth	12 mm
Number of layers	2
Magnet gap depth	6 mm
Basket	Pressed Steel
Flux Density	1.0T
Magnet Out Diameter/Wgt	120mm / 30 oz

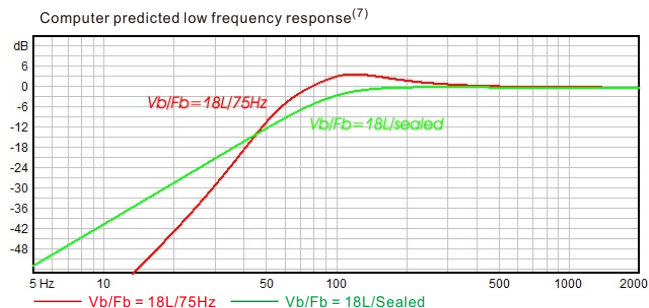
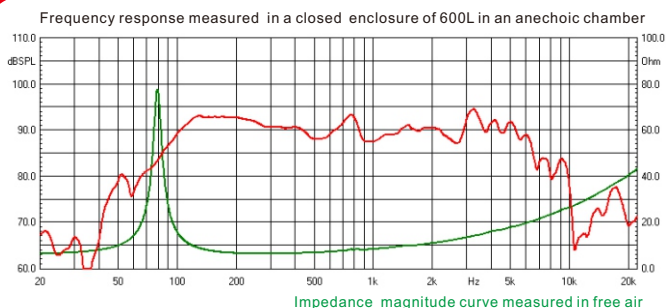
THIELE - SMALL PARAMETERS⁵

Resonance frequency	Fs	79 Hz
DC resistance	Re	5.4 ohm
Mechanical factor	Qms	10.9
Electrical factor	Qes	0.84
Total factor	Qts	0.75
Mechanical compliance	Cms	0.17 mm/N
Mechanical resistance of total-driver losses	Rms	1.04 kg/s
Effective Moving Mass	Mms	22.6 g
Half-space efficiency	Eff	0.7%
BL Factor	BL	8.7 T.m
Equivalent Cas air load	Vas	11 liters
Effective piston area	Sd	0.0214 m ²
Max. linear excursion ⁶	Xmax	±4.5 mm
Max. excursion before damage	Xdam	±12
Voice coil inductance(1kHz)	Le	0.56 mH
Efficiency Bandwidth Product	EBP	99

MOUNTING INFORMATION

Overall Diameter	210.5 mm
Bolt Circle Diameter	197.5 mm
Bolt Hole Diameter	5.2 mm
Baffle Cutout Diameter	184 mm
Overall Depth	92 mm
Air volume occupied by driver	1 liter
Net Weight	2 kg
Shipping Weight	2.4 kg
Shipping Box	220x220x110mm

Also available in 4ohm, data upon request.



NOTES:

1. AES standard
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.
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. T/S parameters measured with laser system BEFORE preconditioning test.
6. 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.
7. Vb: Net internal volume of box after subtracting the volume of internal objects.