

ND9306m



☀ 6.5 inch ☀ 100 Watts
☀ 95 dB ☀ 119 ~ 5600 Hz



KEY FEATURES:

- ① 200 W continuous program power capacity
- ② High sensitivity 95dB/1w/1m
- ③ 119 ~ 5600Hz frequency response range
- ④ 38mm(1.5") CCAW wire wound on fiberglass
- ⑤ Neodymium magnet system
- ⑥ Ideal for line array or midrange applications

GENERAL SPECIFICATIONS

Nominal Diameter	170mm /6.5inch
Rated Impedance	8 ohm
Nominal Power handling ¹	100 Watts
Program Power ²	200 Watts
Sensitivity(1w/1m) ³	95 dB
Frequency Range ⁴	119 ~ 5600Hz
Minimum Impedance(Zmin)	6.5 ohm
Voice Coil Diameter	38mm /1.5inch
Voice Coil Material	CCA W
Former Material	Fiberglass
Voice Coil Winding Depth	12 mm
Number of layers	2
Magnet gap depth	6 mm
Basket	Cast Aluminum
Flux Density	1.3T
Magnet Material	Neodymium

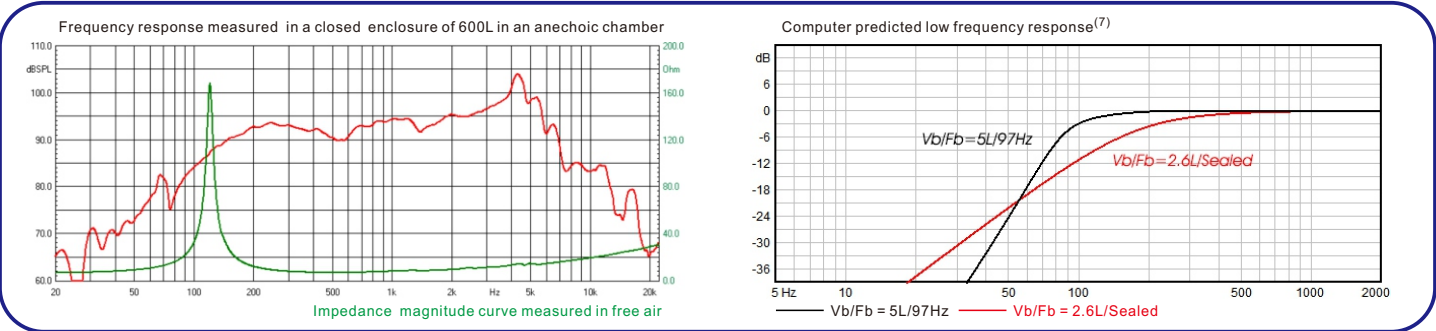
THIELE - SMALL PARAMETERS⁵

Resonance frequency	Fs	119 Hz
DC resistance	Re	5.4 ohm
Mechanical factor	Qms	15.1
Electrical factor	Qes	0.49
Total factor	Qts	0.47
Mechanical compliance	Cms	0.13 mm/N
Mechanical resistance of total-driver losses	Rms	0.66 kg/s
Effective Moving Mass	Mms	13.3 g
Half-space efficiency	Eff	1.2%
BL Factor	BL	10.6 T.m
Equivalent Cas air load	Vas	3.6 liters
Effective piston area	Sd	0.0137 m ²
Max. linear excursion ⁶	Xmax	±4.5 mm
Max. excursion before damage	Xdam	±9.5 mm
Voice coil inductance(1kHz)	Le	0.29 mH
Efficiency Bandwidth Product	EBP	243

MOUNTING INFORMATION

Overall Diameter	162 mm
Bolt Circle Diameter	172 mm
Bolt Hole Diameter	5 mm
Baffle Cutout Diameter	147 mm
Overall Depth	82 mm
Air volume occupied by driver	0.6 liters
Net Weight	1.2 kg
Shipping Weight	1.4 kg
Shipping Box	172x172x95mm

Also available in 16ohm, 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. Thiele-Small parameters are measured with Klippel DA LPM module 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.