

CI5-76

☀️ 15 inch ☀️ 450 Watts
☀️ 98 dB ☀️ 36 ~ 2500 Hz



KEY FEATURES:

- ① 900 W continuous program power capacity
- ② Sensitivity: 98dB 1w/1m
- ③ 76mm (3") high temperature voice coil wound on fiberglass former
- ④ Ideal for compact 2 or 3-way systems

GENERAL SPECIFICATIONS

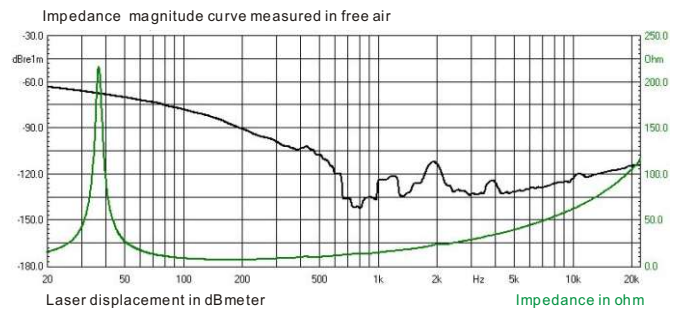
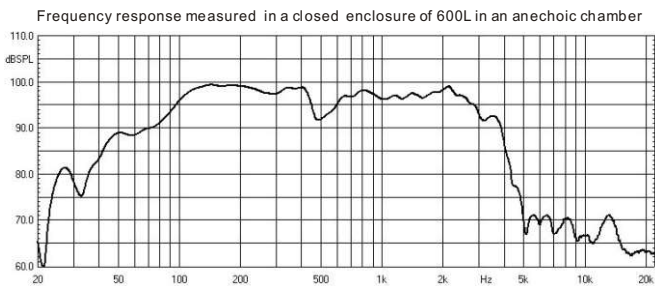
| | |
|-------------------------------------|---------------|
| Nominal Diameter | 380mm /15inch |
| Rated Impedance | 8 ohm |
| Nominal Power handling ¹ | 450 Watts |
| Program Power ² | 900 Watts |
| Sensitivity(1w/1m) ³ | 98 dB |
| Frequency Range ⁴ | 36 ~ 2500Hz |
| Minimum Impedance(Zmin) | 6.6 ohm |
| Voice Coil Diameter | 76mm /3inch |
| Voice Coil Material | Copper |
| Former Material | Glass Fiber |
| Voice Coil Winding Depth | 20 mm |
| Number of layers | 2 |
| Magnet gap depth | 10 mm |
| Basket | Cast Aluminum |
| Flux Density | 1.1 T |
| Magnet Outer Diameter / Wgt | 190mm / 78 oz |

THIELE - SMALL PARAMETERS⁵

| | | |
|------------------------------------|------|-----------------------|
| Resonance frequency | Fs | 37 Hz |
| DC resistance | Re | 5.3 ohm |
| Mechanical factor | Qms | 10.8 |
| Electrical factor | Qes | 0.32 |
| Total factor | Qts | 0.32 |
| Mechanical compliance | Cms | 0.18 mm/N |
| of suspension losses | Rms | 2.05 mech-ohm |
| Effective Moving Mass | Mms | 103 g |
| Half-space efficiency | Eff | 2.73% |
| BL Factor | BL | 19.7 T.m |
| Equivalent Cas air load | Vas | 185 liters |
| Effective piston area | Sd | 0.0855 m ² |
| Max. linear excursion ⁶ | Xmax | 7.5 mm |
| Voice coil inductance | Le1K | 1.6 mH |
| Efficiency Bandwidth Product | EBP | 113 |

MOUNTING INFORMATION

| | |
|------------------------|-----------------|
| Overall Diameter | 390 mm |
| Bolt Circle Diameter | 375 mm |
| Bolt Hole Diameter | 6.5 mm |
| Baffle Cutout Diameter | 350 mm |
| Overall Depth | 165 mm |
| Net Weight | 7.8 kg |
| Shipping Weight | 8.8 kg |
| Shipping Box | 425x425x2 15 mm |



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 without preconditioning test at 23 Celsius degree environment.
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.