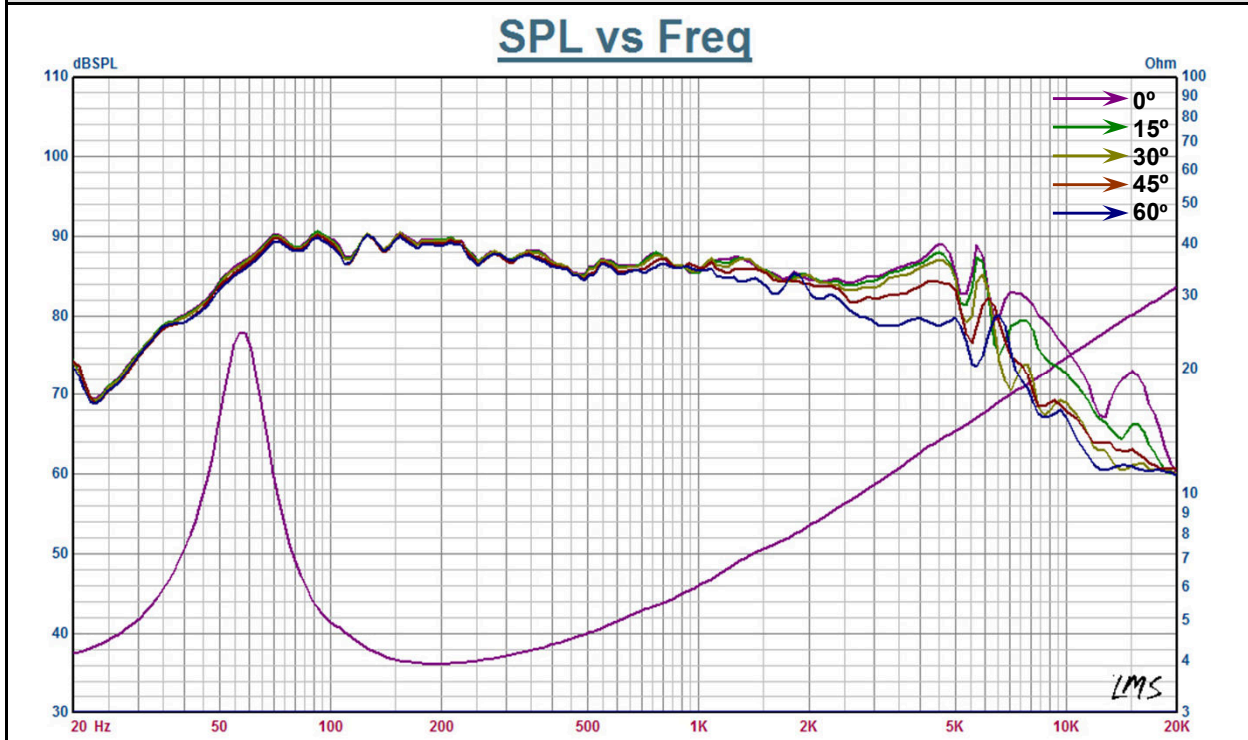


**Model: RAM406 (Woofer)**

| T/S Parameters             |      |             | Magnet and Voice Coil Properties |      |              |
|----------------------------|------|-------------|----------------------------------|------|--------------|
| Normal Impedance           | Znom | 4 ohm       | Magnet size                      |      | 90mm*20mm    |
| DC resistance              | Re   | 3.75 ohm    | Voice coil diameter              | Dc   | 38.6 mm      |
| Voice coil inductance      | Le   | 0.9 mH@1KHz | Winding height                   | Hc   | 15 mm        |
| Resonance frequency        | Fs   | 57 Hz       | Linear excursion P-P             | Xm   | 10 mm        |
| Mechanical Q factor        | Qms  | 6.03        | Max excursion P-P                |      | 20 mm        |
| Electrical Q factor        | Qes  | 0.61        | Normal long term Power           | Pnom | 35 W         |
| Total Q factor             | Qt   | 0.55        | Instant(10ms) Max Power          | Pmax | 80 W         |
| Moving mass(incl.air load) | Mms  | 16g         | Other Properties                 |      |              |
| Suspension compliance      | Cms  | 0.48 mm/N   | Sound Pressure Level/1m/1W       | SPL  | 87 dB        |
| Effective dome diameter    | d    | 13 cm       | Recommended range                |      | 55-5000 Hz   |
| Effective piston area      | Sd   | 128.7sq.cm  | Net. weight                      |      | 1.3 kg       |
| Equivalent volume          | Vas  | 11 L        | Overall dimension                |      | Φ166*75.5 mm |
| Force factor               | Bl   | 6.0 Tm      |                                  |      |              |

**Frequency response & Impedance**



**Outline drawing**

