

Technical Specification

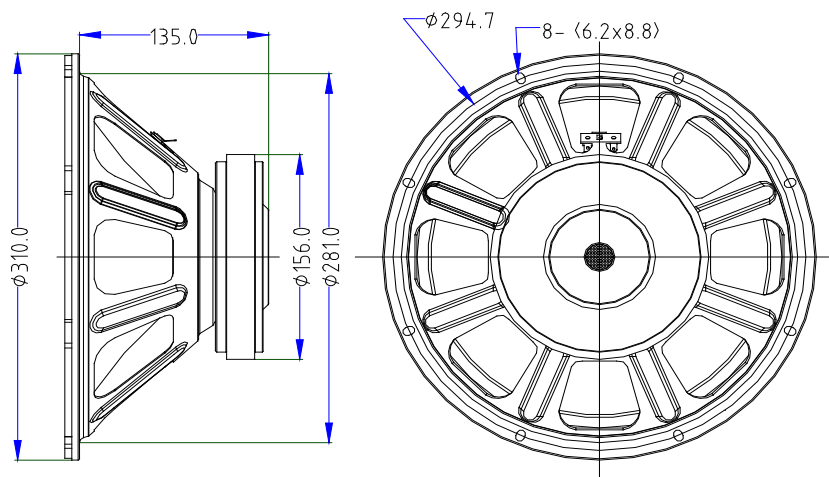
1. Product Description

12TB050-L3 is a 12 inch large power, mid-high subwoofer with steel frame, it's suitable for professional performance system.

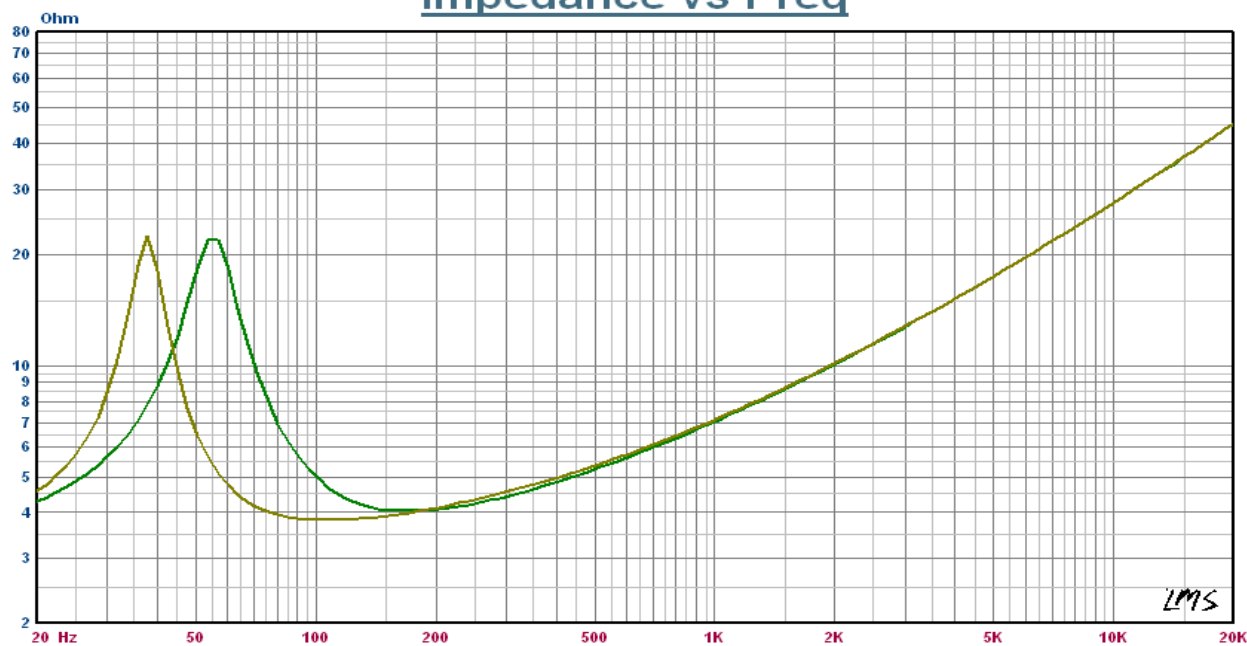
2. Technical Parameters:

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| (1).Nominal Diameter:300mm(12in) | (7).Lowest Resonance Frequency: $55\pm 6\text{Hz}$ |
| (2).DC Resistance: $3.4\pm 0.17\ \Omega$ | (8).Frequency Response:55Hz-2.5KHz |
| (3).Rated Impedance:4.0 Ω | (9).Voice Coil Diameter:49.55mm |
| (4).Minimum Impedance:3.74 Ω | (10).Voice Coil Material: Round Copper Wire |
| (5).Power Tolerance Capacity: KAPTON | (11).Material of Voice Coil Framework: KAPTON |
| Rated Power:140W | (12).Volume of Voice Coil:12mm |
| Instantaneous Maximum Power:560 W | (13).Magnet Gap Depth: 8mm |
| (6).Sensitivity(1W/1m): $94.0\pm 2\text{dB}$ | (14).Flux Density:1.0 T |

3. Drawing



Impedance vs Freq



Rev=3.400 Ohm Fo=55.424 Hz Sd=510.710 cm² Md=50.000 g
BL=8.315 T_M Qms= 4.166 Qes= 0.750 Qts= 0.636 No= 1.530 % SPLo= 93.9 dB
Vas=69.723 Ltr Cms=188.251u M/N Krm=1.046m Ohm Erm=0.882
Mms=43.804 g Mmd=37.168 g Kxm=21.387m H Exm=0.608

LMS 4.5.0.331
六月-15-2003

个人:
公司:

工程:12TB050-L3
文件:IMP6-23.lib

Jul 5, 2006
Wed 4:50 pm

LINEAR X
S Y S T E M S

测试环境：研发中心消音室

