



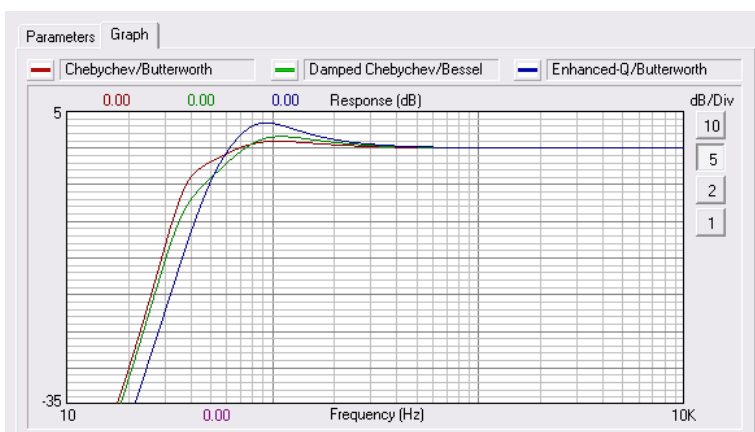
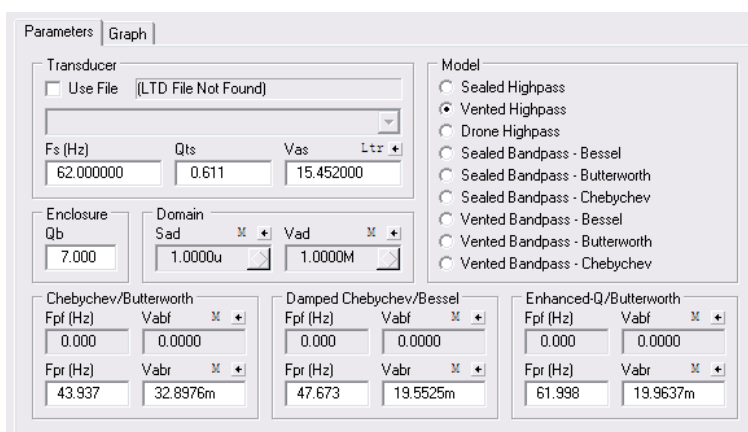
Model Number: JM-FL160-01-08

Spec: 165mm 8Ω 30W

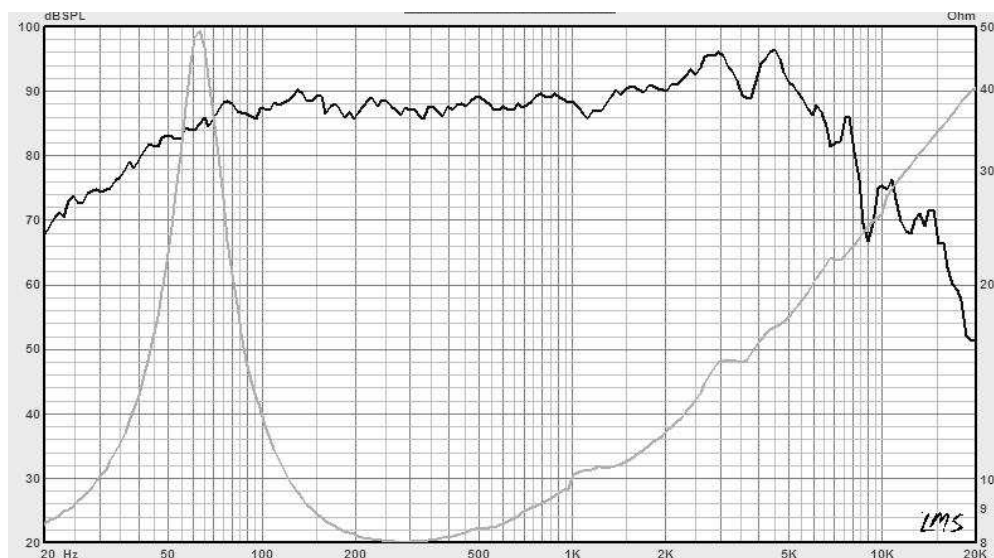
这是一款应用于家庭影院系统、背景音乐系统、多媒体音响系统、公共广播系统等扬声器。磁路部分采用铁氧体磁路材料相结合设计，增强了磁通密度，提高产品声压特性，并改善了产品散热能力，同时大大提升了产品性价比。振动系统采用较轻的高耐疲劳度材质悬边+进口纸浆胴体，优化听觉效果，弹波采用高顺性材质，有效的降低失真，改善低频辅射特性。



## LEAP Emulational Frequency Response



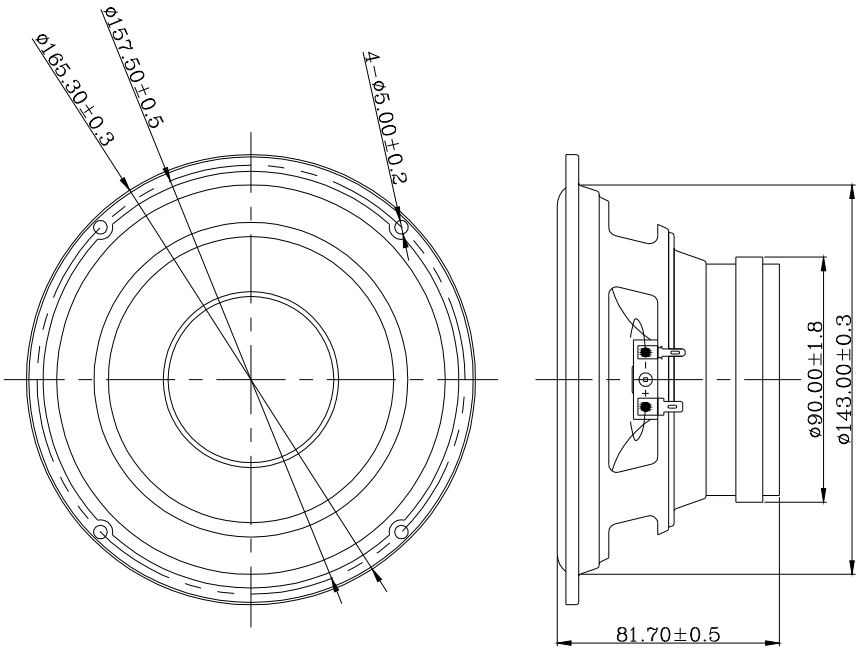
## Frequency and impedance Response



specifications

|                                  |          |    |          |       |                            |      |            |         |
|----------------------------------|----------|----|----------|-------|----------------------------|------|------------|---------|
| DC Resistance                    | Revc     | Ω  | 6.8      | ±7.5% | Energy Bandwidth product   | EBP  | (1/Qes).fs | 85      |
| Minimum impedance                | Zmin     | Ω  | 8        | ±7.5% | Moving Mass                | Mms  | g          | 10.367  |
| Voice Coil inductance            | Le       | mH | 52.3     |       | Suspension Compliance      | Cms  | um/N       | 617     |
| Resonant Frequency               | Fs       | Hz | 62.8     | ±20%  | Effective Cone Diameter    | SD   | cm         | 132.73  |
| Mechanical Q factor              | Qms      | -  | 3.834    |       | Equivalent Volume          | Vas  | mL         | 15.452  |
| Electrical Q factor              | Qes      | -  | 0.726    |       | Motor Efficiency Factor    | BL   | T.M        | 6.194   |
| Total Q facto                    | Qts      | -  | 0.611    |       | Voice Coil Former Material | VCfm | -          | 25.5    |
| Ratio                            | Fs/Qts   | -  | 101      |       | Voice Coil Inner Diameter  | VCd  | mm         | KSV     |
| Half Space Sensitivity @         | 1w/1m    | dB | 89.1±2   |       | Gap Height                 | Gh   | mm         | 6       |
| rated Noise Power(IEC 2685 18.1) | P        | W  | 30       |       | Maximum Linear Excursion   | Xmax | mm         | 3.5     |
| Test Spectrum Bandwidth          | FO-20KHz |    | 12dB/Oct |       | Ferrofluid Type            | FF   | N/A        | Ferrite |
|                                  |          |    |          |       | Transducer Size            | -    | -          | 165     |
| Transducer Mass                  |          |    |          | -     | g                          | 1039 |            |         |

Mechanical 2D Drawing



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