

Model No.: P820935
 Product Line: Tymphany

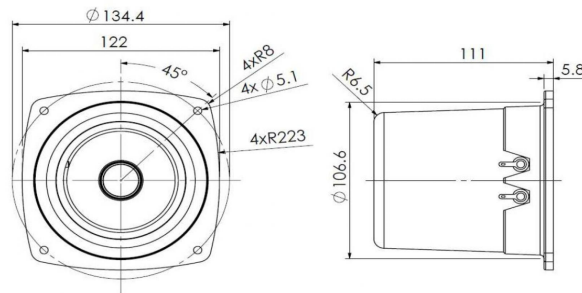
Rev: 1
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Product Description

This Peerless 4 inch 8 ohm midrange driver comes complete with its own sealed rear chamber, intended for infinite baffle installations. The aluminium basket is integrated with the rear chamber for added structural rigidity and heating sinking. The driver features a ferrite motor structure and a paper cone body edged with a damped, inverted rubber surround, and has an operational range from 200 Hz to 5 kHz.



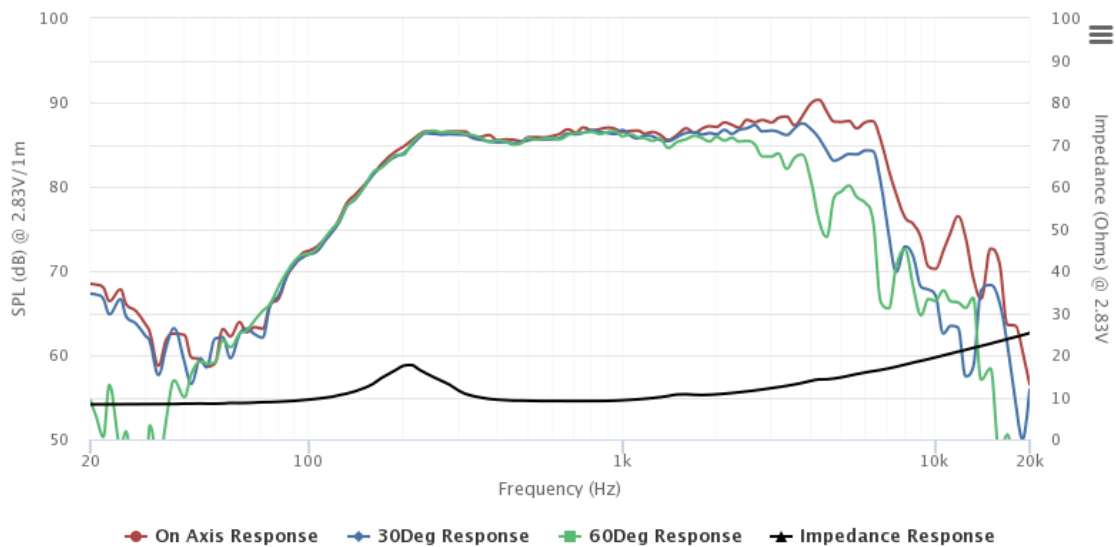
Mechanical Drawing



Specifications

| | | | | | | | |
|-------------------------------|-------------|--------|--------|-----------|----------------------------|------|--------------|
| DC Resistance | Revc | Ohms | 7.1 | 5.0% | Energy Bandwidth Product | EBP | (1/Qes)*fs |
| Minimum Impedance | Zmin | Ohms | 9.11 | 7.5% | Moving Mass | Mms | g |
| Voice Coil Inductance | Le | mH | 0.13 | | Suspension Compliance | Cms | um/N |
| Resonant Frequency | Fs | Hz | 204.76 | 15% | Effective Cone diameter | D | cm |
| Mechanical Q Factor | Qms | | 2.18 | | Effective Piston Area | Sd | cm^2 |
| Electrical Q Factor | Qes | | 1.68 | | Effective Volume | Vas | L |
| Total Q Factor | Qts | | 0.95 | | Motor Force Factor | BL | Tm |
| Ratio Fs/Qts | F | Fs/Qts | 215.99 | | Motor Efficiency Factor | β | (T*M^2)/Ohms |
| Half Space Sensitivity @2.83V | db@2.83V/1M | dB | 86.76 | +/- 1.0db | Voice coil former Material | VCfm | ASV |
| Half Space Sensitivity @1W/1M | db@1W/1M | dB | 87.3 | +/- 1.0db | Voice coil inner diameter | VCd | mm |
| Gap Height | Gh | mm | 5 | | Rated Noise Power | P | W |
| Maximum Linear Excursion | Xmax | mm | 0.2 | | Test Spectrum Bandwidth | | 100Hz-20KHz |
| Ferrofluid Type | FF | | | | Driver Size | Inch | 4 in |
| Driver Mass | Kg | | 1 | | | | |

Frequency and Impedance Response



Highcharts.com