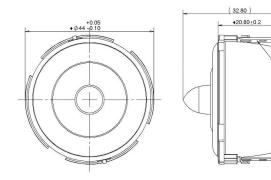
Model No:: XT25SC40-04 Product Line: Tymphany

Product Description

This member of the XT tweeter family utilizes two Tymphany technologies to deliver exceptional sound quality: the ring radiator patent, and the central waveguide patent. This model features a 4 ohm 25 mm voice coil, mounted in a neodymium magnet motor. The tweeter also features a rear chamber to create extended low frequency response. This tweeter as ready-made to be adapted to any compact faceplate.

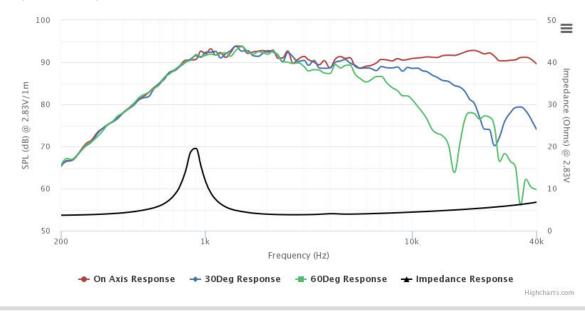
Mechanical Drawing



Specifications

| DC Resistance | Revc | Ohms | 3.22 | 5.0% | Energy Bandwidth Product | EBP | (1/Qes)*fs | |
|-------------------------------|-------------|--------|---------|-----------|----------------------------|----------------|--------------|-------|
| Minimum Impedance | Zmin | Ohms | 3.79 | 7.5% | Moving Mass | Mms | g | 0.3 |
| Voice Coil Inductance | Le | mH | 0.01 | | Suspension Compliance | Cms | um/N | 78 |
| Resonant Frequency | Fs | Hz | 1018.45 | 15% | Effective Cone diameter | D | cm | 3.2 |
| Mechanical Q Factor | Qms | | 2.53 | | Effective Piston Area | Sd | cm^2 | 8 |
| Electrical Q Factor | Qes | 0.83 | | | Effective Volume | Vas | L | 0.01 |
| Total Q Factor | Qts | | 0.63 | | Motor Force Factor | BL | Tm | 2.58 |
| Ratio Fs/Qts | F | Fs/Qts | 1629.51 | | Motor Efficiency Factor | ß | (T*M^2)/Ohms | 2.1 |
| Half Space Sensitivity @2.83V | db@2.83V/1M | dB | 91.11 | +/- 1.0db | Voice coil former Material | VCfm | | ASV |
| Half Space Sensitivity @1W/1M | db@1W/1M | dB | 87.9 | +/- 1.0db | Voice coil inner diameter | VCd | mm | 25.76 |
| Gap Height | Gh | mm | 2 | | Rated Noise Power | P | W | 100 |
| Maximum Linear Excursion | Xmax | mm | 0.1 | | Test Spectrum Bandwidth | 2.5kHz - 20kHz | | |
| Ferrofluid Type | FF | | | | Driver Size | Inch | 25 mm | |
| Driver Mass | Kg | 0.08 | | | | | | |
| | | | | | | | | |

Frequency and Impedance Response



Rev: 1 Last Update: 2017-03-03 09:00:02



Pin 4.8x0.5x1 Pin 2.8x0.5x1

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