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Peerless Data Sheet

CT 62 H

62 CT 13 40 PPB FF 8 ohm - Order ID: 801730

Small cone tweeter with ferrofluid. This tweeter removes all doubts about using a cone tweeter in hi-fi systems. The voice coil is cooled and damped by magnetic oil, and this viscous damping eliminates the rise in resonance. The impedance curve is nearly linear and it is therefore very easy to make cross overs for this speaker. An absolute excellent tweeter for use in smaller hi-fi systems especially as tweeter in satellites.



CT 62 H**Thiele Small parameters:**

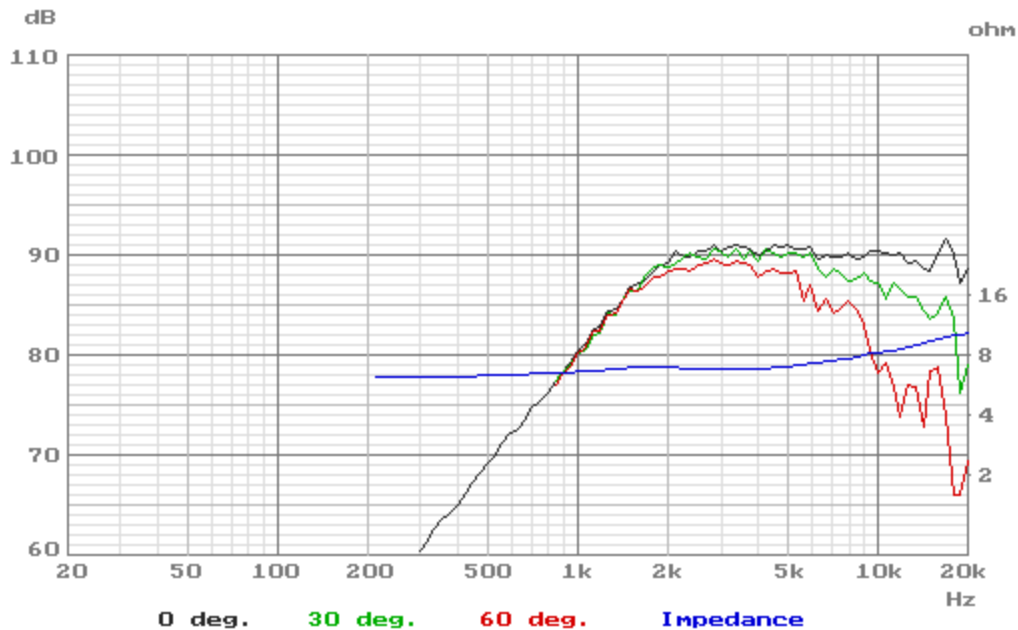
| | | | |
|--|------|--------------------|----------|
| Nominal impedance | Zn | (ohm) | 8 |
| Minimum impedance/at freq. | Zmin | (ohm/Hz) | 6.6/2600 |
| Maximum impedance | Zo | (ohm) | 6.9 |
| DC resistance | Re | (ohm) | 6.1 |
| Voice coil inductance | Le | (mH) | 0.1 |
| Resonance Frequency | fs | (Hz) | 1500 |
| Mechanical Q factor | Qms | | 0.89 |
| Electrical Q factor | Qes | | 7.07 |
| Total Q factor | Qts | | 0.79 |
| Mechanical resistance | Rms | (Kg/s) | 3.01 |
| Moving mass | Mms | (g) | 0.28 |
| Suspension compliance | Cms | (mm/N) | 0.04 |
| Effective cone diameter | D | (cm) | 3.7 |
| Effective piston area | Sd | (cm ²) | 10.8 |
| Force factor | Bl | (N/A) | 1.5 |
| Reference voltage sensitivity Re 2.83V 1m at 2600 Hz (Measured) | | (dB) | 90 |

Magnet and voice coil parameters:

| | | | |
|---------------------|----|-------|------|
| Voice coil diameter | d | (mm) | 13 |
| Voice coil length | h | (mm) | 1.8 |
| Voice coil layers | n | | 2 |
| Flux density in gap | B | (T) | 1.0 |
| Total useful flux | | (mWb) | 0.1 |
| Height of the gap | hg | (mm) | 2.5 |
| Diameter of magnet | dm | (mm) | 40 |
| Height of magnet | hm | (mm) | 7.5 |
| Weight of magnet | | (kg) | 0.04 |

Power handling:

| | | |
|----------------------------------|-----|-----|
| Long term Max System Power (IEC) | (W) | 100 |
|----------------------------------|-----|-----|



Measuring methods and conditions are stated in Peerless Standard for Acoustic Measurements (PSAM)