

Tymphany China



Type: AC25TG05-04

Electrical data

| | | |
|----------------------------|------|-----------------------|
| Nominal impedance | Zn | 4 Ω |
| Minimum impedance/at freq. | Zmin | 3.53/200 Ω /Hz |
| Maximum impedance | Zo | 11 Ω |
| Dc resistance | Re | 3.2 Ω |
| Voice coil inductance | Le | 25.50 μ H |

TS Parameters

| | | |
|---------------------|-----|---------|
| Resonance Frequency | fs | 1000 Hz |
| Mechanical Q factor | Qms | 2.37 |
| Electrical Q factor | Qes | 1.29 |
| Total Q factor | Qts | 0.84 |

| | | |
|-------------------------|-----|---------------------|
| Force factor | Bl | - N/A |
| Mechanical resistance | Rms | - Kg/s |
| Moving mass | Mms | - g |
| Suspension compliance | Cms | - mm/N |
| Effective cone diameter | D | 3.00 cm |
| Effective piston area | Sd | 7.0 cm ² |
| Equivalent volume | Vas | - ltrs |
| SPL 2.83V/1m at fmin | | 90.0 dB |

Voice coil and magnet parameters

| | |
|-------------------------|----------|
| Voice coil diameter | 25 mm |
| Voice coil length | 2.0 mm |
| Voice coil layers | 2 |
| Height of the gap | 3 mm |
| Linear excursion +/- | (0.5) mm |
| Max mech. excursion +/- | - mm |
| Total useful flux | - mWb |
| Diameter of magnet | 70.0 mm |
| Height of magnet | 15.0 mm |
| Weight of magnet | g |

Factors

| | |
|----------------------|-------|
| Ratio fs/Qts | 1,190 |
| Ratio BL/ \sqrt Re | - |

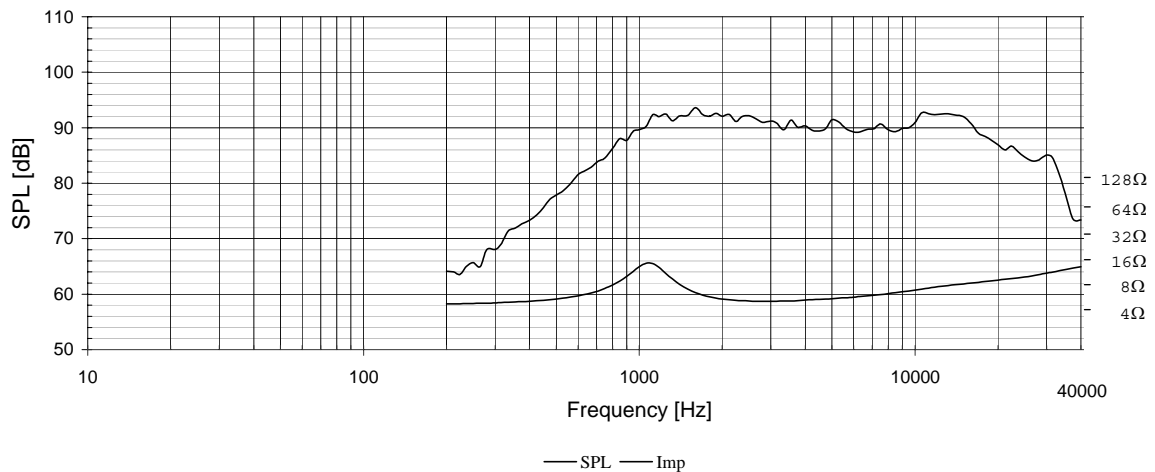
Special remarks



Power handling

100 h RMS noise test (IEC) **W**
Longterm Max System Power (IEC) **W**
IEC 268-5 noise signal is used for the powertest.

Remarks on powertest



2006-6-7

Tymphany China

Jinkeng Industrial Area, Caotang Village, Nancun Town, Panyu
Guangzhou, Gongdong Province, 511442, P. R. China
Phone (+86) 20 34821838
Fax (+86) 20 34820866
E-mail china-sales@tympahny.com
Website <http://www.tympahny.com>