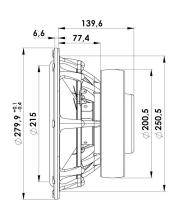


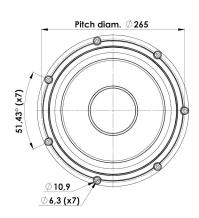


WOOFER

28W/8878T01

The 28W/8878T01 is a very powerful 28cm woofer, with its large 3" voice coil, long linear excursion and low resonance frequency is it perfect to reproduce the bass frequencies. It features a paper-sandwich cone with very high stiffness and relative low weight. The motor system has heavy duty copper sleeves for optimizing eddy currents and minimizing self-induction.







KEY FEATURES:

- Paper sandwich cone
- · 3" Voice coil, Titanium former, paper reinforced
- Long linear excursion

- Spider with balanced tinsel leads
- Patented Symmetrical Drive motor
- · Stiff and strong die cast aluminium chassis

T-S Parameters

| 22 Hz |
|----------------------|
| 5.81 |
| 0.33 |
| 0.31 |
| 14.9 Tm |
| 2.0 kg/s |
| 84 g |
| 0.62 mm/N |
| 215 mm |
| 363 cm ² |
| 116 l |
| |
| 88.5 dB |
| 88.5 dB 5.93 N/√W |
| |

Notes:

IEC specs. refer to IEC 60268-5 third edition. All Scan-Speak products are RoHS compliant. Data are subject to change without notice. Datasheet updated: November 2, 2018.

Electrical Data

| Nominal impedance [Zn] | 8 Ω |
|----------------------------|---------|
| Minimum impedance [Zmin] | 7.4 Ω |
| Maximum impedance [Zo] | 136 Ω |
| DC resistance [Re] | 6.3 Ω |
| Voice coil inductance [Le] | 0.55 mH |

Power Handling

| 100h RMS noise test (IEC 17.1)* | 200 W |
|--|-------|
| Long-term max power (IEC 17.3)* | 500 W |
| *Filter: 2. order LP Butterworth, 200 Hz | |

Voice Coil & Magnet Data

| Voice coil diameter | 75 mm |
|---------------------|----------|
| Voice coil height | 23 mm |
| Voice coil layers | 2 |
| Height of gap | 8 mm |
| Linear excursion | ± 7.5 mm |
| Max mech. excursion | ± 28 mm |
| Unit weight | 7.5 kg |

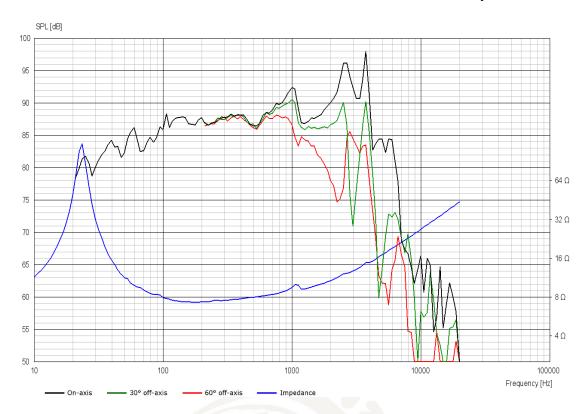




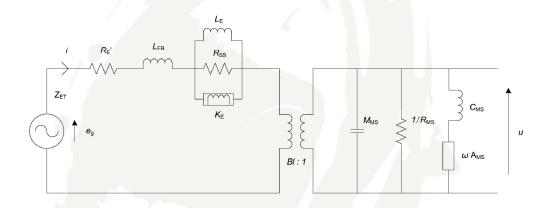


WOOFER

28W/8878T01



Advanced Parameters (Preliminary)



| Electrical data | |
|------------------------|------|
| Resistance [Re'] | - Ω |
| Free inductance [Leb] | - mH |
| Bound inductance [Le] | - mH |
| Semi-inductance [Ke] | - SH |
| Shunt resistance [Rss] | - Ω |

| Mechanical Data | |
|-----------------------------|--------|
| Force Factor [BI] | - Tm |
| Moving mass [Mms] | - g |
| Compliance [Cms] | - mm/N |
| Mechanical resistance [Rms] | - kg/s |
| Admittance [Ams] | - mm/N |

