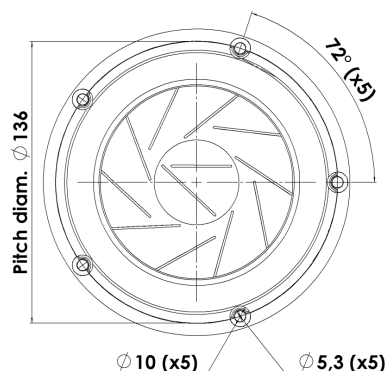
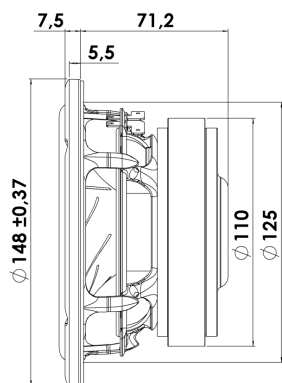


## 15 cm Midwoofer

## 15W/8531K00



### T-S Parameters:

|                               |                    |
|-------------------------------|--------------------|
| Resonance frequency [fs]      | 39 Hz              |
| Mechanical Q factor [Qms]     | 4.9                |
| Electrical Q factor [Qes]     | 0.42               |
| Total Q factor [Qts]          | 0.38               |
| Force factor [Bl]             | 6.6 Tm             |
| Mechanical resistance [Rms]   | 0.64 kg/s          |
| Moving mass [Mms]             | 12.8 g             |
| Compliance [Cms]              | 1.3 mm/N           |
| Effective diaph. diameter [D] | 110 mm             |
| Effective piston area [Sd]    | 95 cm <sup>2</sup> |
| Equivalent volume [Vas]       | 16.7 l             |
| Sensitivity (2,83V/1m)        | 86 dB              |

### Mechanical Data:

|                             |          |
|-----------------------------|----------|
| Voice coil diameter         | 38 mm    |
| Voice coil height           | 18 mm    |
| Voice coil layers           | 2        |
| Gap height                  | 5 mm     |
| Linear excursion            | ± 6.5 mm |
| Max mech. excursion         | ± 9 mm   |
| Unit weight                 | 1.7 kg   |
| Cabinet Displacement Volume | - l      |

### Electrical Data:

|                            |         |
|----------------------------|---------|
| Nominal impedance [Zn]     | 8 Ω     |
| Minimum impedance [Zmin]   | 6.7 Ω   |
| Maximum impedance [Zo]     | 57 Ω    |
| DC resistance [Re]         | 5.8 Ω   |
| Voice coil inductance [Le] | 0.29 mH |

### Power Handling:

|                                |       |
|--------------------------------|-------|
| 100h RMS noise test (IEC 18.4) | 60 W  |
| Long-term max power (IEC 18.2) | 110 W |
| X-over:                        | None  |

### Key Features:

- Patented Symmetrical Drive Motor Design
- Sliced Cone (Controls Cone Breakups)
- Low-Loss linear suspension
- Low Damping SBR Rubber Surround
- Die cast Alu Chassis vented below spider
- Large Ferrite Magnet System

### Recommendations (please see Tech Note):

- Operating frequency range: fs-6000 Hz
- Cabinet volume - closed box: Vbox=8 ltr, f(-3dB)=69 Hz
- Cabinet volume - vented box: Vbox=17 ltr, fb=39 Hz, f(-3dB)=40 Hz

