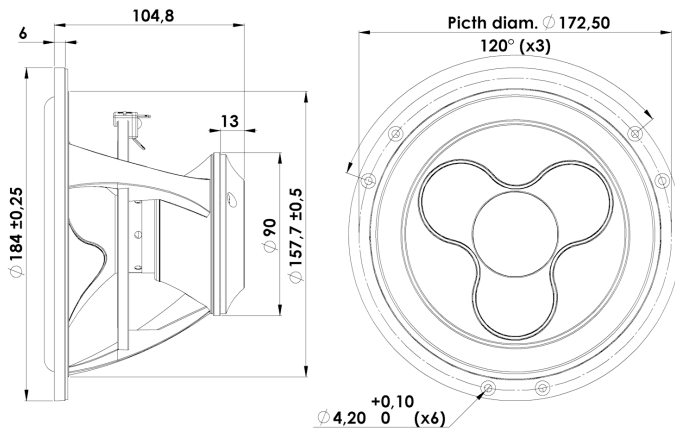


## 18 cm Midwoofer

## 18WU/4741T00



### T-S Parameters:

|                               |                     |
|-------------------------------|---------------------|
| Resonance frequency [fs]      | 34 Hz               |
| Mechanical Q factor [Qms]     | 3.76                |
| Electrical Q factor [Qes]     | 0.39                |
| Total Q factor [Qts]          | 0.36                |
| Force factor [Bl]             | 5.9 Tm              |
| Mechanical resistance [Rms]   | 1.1 kg/s            |
| Moving mass [Mms]             | 19.1 g              |
| Compliance [Cms]              | 1.2 mm/N            |
| Effective diaph. diameter [D] | 140 mm              |
| Effective piston area [Sd]    | 154 cm <sup>2</sup> |
| Equivalent volume [Vas]       | 38.4 l              |
| Sensitivity (2,83V/1m)        | 87.5 dB             |

### Mechanical Data:

|                             |             |
|-----------------------------|-------------|
| Voice coil diameter         | 42 mm       |
| Voice coil height           | 8 mm        |
| Voice coil layers           | 4           |
| Gap height                  | 20 mm       |
| Linear excursion            | $\pm 9$ mm  |
| Max mech. excursion         | $\pm 16$ mm |
| Unit weight                 | 1.7 kg      |
| Cabinet Displacement Volume | - l         |

### Electrical Data:

|                            |               |
|----------------------------|---------------|
| Nominal impedance [Zn]     | 4 $\Omega$    |
| Minimum impedance [Zmin]   | 4.6 $\Omega$  |
| Maximum impedance [Zo]     | 31.9 $\Omega$ |
| DC resistance [Re]         | 3.3 $\Omega$  |
| Voice coil inductance [Le] | 0.4 mH        |

### Power Handling:

|                                |       |
|--------------------------------|-------|
| 100h RMS noise test (IEC 18.4) | 70 W  |
| Long-term max power (IEC 18.2) | 150 W |
| X-over:                        | None  |

### Key Features:

- Under-Hung Neodymium Motor Design
- Patented Symmetrical Drive (SD-3)
- Patented Sandwich Paper Cone
- Exceptionally Long Linear Excursion
- Low-Loss linear suspension
- Patented Design

### Recommendations (please see Tech Note):

- Operating frequency range: fs-4000 Hz
- Cabinet volume - closed box: Vbox=17 ltr, f(-3dB)=61 Hz
- Cabinet volume - vented box: Vbox=35 ltr, fb=35 Hz, f(-3dB)=35 Hz

