

12" / 30 cm single voice coil subwoofer



Technical data:

| | | |
|----------------------------|-------------------|---------------------|
| Power handling: | <i>RMS / Max.</i> | 400 / 800 Watts |
| Impedance: | <i>Z</i> | 4 Ohms |
| Voice coil diameter: | \emptyset | 76 mm |
| Voice coil winding height: | | 25 mm |
| Max. linear excursion: | <i>Xmax</i> | +/- 8.5 mm |
| Cone area: | <i>Sd</i> | 511 cm ² |
| Moving mass: | <i>Mms</i> | 173 g |
| DC resistance: | <i>Re</i> | 3 Ohms |
| Resonance frequency: | <i>Fs</i> | 27 Hz |
| Mechanical Q factor: | <i>Qms</i> | 3.81 |
| Electrical Q factor: | <i>Qes</i> | 0.27 |
| Total Q factor: | <i>Qts</i> | 0.25 |
| Equivalent air volume: | <i>Vas</i> | 72 L |
| Voice coil inductance: | <i>Le</i> | 1.79 mH |
| Force factor: | <i>B*I</i> | 18.1 Tm |
| Efficiency 1 W / 1 m: | <i>SPL</i> | 89 dB |

Dimensions:

| | | |
|------------------|-------------|----------------|
| Outer diameter: | \emptyset | 313 mm / 12.3" |
| Cutout diameter: | \emptyset | 282 mm / 11.1" |
| Mounting depth: | | 142 mm / 5.6" |

Recommended enclosure:

Ported box

| | | |
|------------------------|-------------|--------------------|
| Vented net volume: | | 50 L |
| Port diameter: | \emptyset | 10 cm |
| Port area: | | 78 cm ² |
| Port length: | | 28 cm |
| Port tuning frequency: | <i>Fb</i> | 34 Hz |