

TIW250

Visaton 25 cm (10") High-End woofer



General description

25 cm (10") High-End woofer with black cellulose cone, large magnet and heavy aluminum die-cast basket. Extremely high power handling due to 50 mm voice-coil, capton voice coil carrier and magnet vent.

Technical Data:

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| Nominal power handling | 200 Watt |
| Peak power handling | 350 Watt |
| Nominal impedance | 8 Ohm |
| Frequency response (-10 dB) | fu - 3000 Hz |
| (fu: Lower cut-off frequency depending on cabinet) | - |
| Mean sound pressure level | 89 dB (1W/1m) |
| Maximum cone displacement | 20 mm |
| Resonance frequency fs | 31 Hz |
| Magnetic induction | 0,95 Tesla |
| Magnetic flux | 1500 μ Weber |
| Height of front pole-plate | 10 mm |
| Voice coil diameter | 5 cm |
| Height of winding | 2,5 cm |
| Cutout diameter | 23,2 cm |
| Net weight | 4,4 kg |
| D.C. resistance Rdc | 5,8 Ohm |
| Mechanical Q factor Qms | 4,39 |
| Electrical Q factor Qes | 0,35 |
| Total Q factor Qts | 0,32 |
| Equivalent volume Vas | 80 l |
| Effective piston area Sd | 315 cm ² |
| Dynamically moved mass Mms | 45 g |
| Force factor Bxl | 12 T · m |
| Inductance of the voice coil L | 2,35 mH |