

## TIW360DS

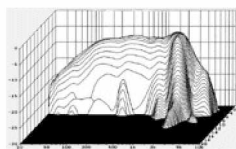
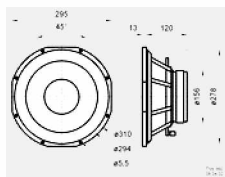
Visaton 30 cm (12") High-End woofer with double voice-coil

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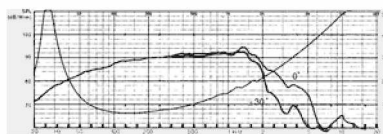


### General description

30 cm (12") High-End woofer with black cellulose cone, large magnet and heavy aluminum die-cast basket. Extremely high power handling due to 60 mm voice-coil, capton voice coil carrier, vented damper and magnet vent. Easy connection due to the double voice coil (2 x 4 ohms) allowing the unit to be connected up for 2 ohm or 8 ohm use.



waterfall spectrum



frequency- and impedance response

### Technical Data: One voice coil

Nominal power handling
Peak power handling
Nominal impedance
Frequency response (-10 dB)
(fu: Lower cut-off frequency dependent on cabinet)
Mean sound pressure level
Maximum cone displacement
Resonance frequency fs
Magnetic induction
Magnetic flux
Height of front pole-plate
Voice coil diameter
Height of winding
Cutout diameter
Net weight
D.C. resistance Rdc
Mechanical Q factor Qms
Electrical Q factor Qes
Total Q factor Qts
Equivalent volume Vas
Effective piston area Sd
Dynamically moved mass Mms
Force factor Bl
Inductance of the voice coil L

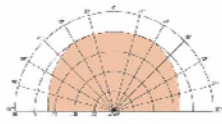
### Technical Data: Both series

Nominal power handling
Peak power handling
Nominal impedance
Frequency response (-10 dB)
Mean sound pressure level
Maximum cone displacement
Resonance frequency fs
Magnetic induction
Magnetic flux

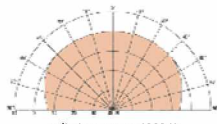
Height of front pole-plate
Voice coil diameter
Height of winding
Cutout diameter
Net weight
D.C. resistance $R_{dc}$
Mechanical Q factor $Q_{ms}$
Electrical Q factor $Q_{es}$
Total Q factor $Q_{ts}$
Equivalent volume $V_{as}$
Effective piston area $S_d$
Dynamically moved mass $M_{ms}$
Force factor $B_{xl}$
Inductance of the voice coil $L$

**Technical Data: Both parallel**

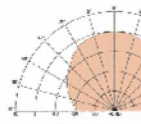
Nominal power handling
Peak power handling
Nominal impedance
Frequency response (-10 dB)
Mean sound pressure level
Maximum cone displacement
Resonance frequency $f_s$
Magnetic induction
Magnetic flux
Height of front pole-plate
Voice coil diameter
Height of winding
Cutout diameter
Net weight
D.C. resistance $R_{dc}$
Mechanical Q factor $Q_{ms}$
Electrical Q factor $Q_{es}$
Total Q factor $Q_{ts}$
Equivalent volume $V_{as}$
Effective piston area $S_d$
Dynamically moved mass $M_{ms}$
Force factor $B_{xl}$
Inductance of the voice coil $L$



radiation pattern 500 Hz



radiation pattern 1000 Hz



radiation pattern :