Electrical data
Nominal impedance  $\text{Zn} = 8$ (ohm)
Minimum imp./at freq.  $\text{Zmin} = 7.1/290$ (ohm/Hz)
Maximum impedance  $\text{Zo} = 44.0$ (ohm)
Dc resistance  $\text{Re} = 6.4$ (ohm)
Voice coil inductance  $\text{Le} = 1.3$ (mH)

TS Parameters
Resonance Frequency  $\text{fs} = 48.1$ (Hz)
Mechanical Q factor  $\text{Qms} = 2.67$
Electrical Q factor  $\text{Qes} = 0.45$
Total Q factor  $\text{Qts} = 0.39$
Force factor  $\text{Bl} = 8.4$ (Tm)
Mechanical resistance  $\text{Rms} = 1.88$ (Kg/s)
Moving mass  $\text{Mms} = 16.6$ (g)
Suspens. compliance  $\text{Cms} = 0.66$ (mm/N)
Effective cone diam.  $\text{D} = 13.3$ (cm)
Effective piston area  $\text{Sd} = 139$ (cm$^2$)
Equivalent volume  $\text{Vas} = 17.6$ (ltrs)
SPL 2.83V/1m at fmin  $88.6$ (dB)

Voice coil and magnet parameters
Voice coil diameter  $33.0$ (mm)
Voice coil length  $17.0$ (mm)
Voice coil layers  $2$
Height of the gap  $6.0$ (mm)
Linear excursion +/-  $5.5$ (mm)
Max mech. excursion +/-  - (mm)
Total useful flux  $1.1$ (mWb)
Diameter of magnet  $102$ (mm)
Height of magnet  $20$ (mm)
Weight of magnet  $0.68$ (kg)

Factors
Ratio $\text{fs/\text{Qts}} = 124$
Ratio $\text{Bl/\sqrt{\text{Re}}} = 3.3$

Special remarks
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Power handling
100h RMS noise test (IEC)  - (W)
Longterm Max System Power (IEC)  - (W)
IEC268-5 noise signal is used for the powertest.

Remarks on powertest
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