Electrical data
Nominal impedance \( Z_n \) 8 (ohm)
Minimum imp./at freq. \( Z_{\text{min}} \) 5.6/422 (ohm/Hz)
Maximum impedance \( Z_o \) 30.3 (ohm)
Dc resistance \( R_e \) 5.3 (ohm)
Voice coil inductance \( L_e \) 0.6 (mH)

TS Parameters
Resonance Frequency \( f_s \) 75.7 (Hz)
Mechanical Q factor \( Q_{\text{ms}} \) 2.66
Electrical Q factor \( Q_{\text{es}} \) 0.56
Total Q factor \( Q_{\text{ts}} \) 0.46
Force factor \( B_l \) 5.1 (Tm)
Mechanical resistance \( R_{\text{ms}} \) 1.05 (Kg/s)
Moving mass \( M_{\text{ms}} \) 5.9 (g)
Suspens. compliance \( C_{\text{ms}} \) 0.76 (mm/N)
Effective cone diam. \( D \) 8.4 (cm)
Effective piston area \( S_d \) 55 (cm²)
Equivalent volume \( V_{\text{es}} \) 3.2 (ltrs)
SPL 2.83V/1m at fmin 86.8 (dB)

Voice coil and magnet parameters
Voice coil diameter 26.0 (mm)
Voice coil length 12.0 (mm)
Voice coil layers 2
Height of the gap 6.0 (mm)
Linear excursion +/- 3.0 (mm)
Max mech. excursion +/- - (mm)
Total useful flux 0.7 (mWb)
Diameter of magnet 72+72 (mm)
Height of magnet 15+10 (mm)
Weight of magnet 0.23+0.16 (kg)

Factors
Ratio \( f_s/Q_{\text{ts}} \) 165
Ratio \( B_l/\sqrt{R_e} \) 2.2

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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Graph:
- Impedance
- On-axis
- 30 degrees
- 60 degrees

Frequency [Hz]
SPL [dB]
10 100 1000 10000 40000