Peerless

P164WR3308 (830874)

Electrical data
- Nominal impedance: Zn = 8 (ohm)
- Minimum imp./at freq.: Zmin = 7.0/290 (ohm/Hz)
- Maximum impedance: Zo = 43 (ohm)
- DC resistance: Re = 6.4 (ohm)
- Voice coil inductance: Le = 1.2 (mH)

TS Parameters
- Resonance Frequency: fs = 47.3 (Hz)
- Mechanical Q factor: Qms = 2.73
- Electrical Q factor: Qes = 0.47
- Total Q factor: Qts = 0.40

Force factor: Bl = 8.5 (Tm)
Mechanical resistance: Rms = 1.97 (Kg/s)
Moving mass: Mms = 18.1 (g)
Suspension compliance: Cms = 0.63 (mm/N)
Effective cone diameter: D = 13.3 (cm)
Effective piston area: Sd = 139 (cm²)
Equivalent volume: Vas = 16.7 (ltrs)
SPL 2.83V/1m at fmin = 87.8 (dB)

Power handling
- 100h RMS noise test (IEC) = (W)
- Longterm Max System Power (IEC) = (W)

IEC268-5 noise signal is used for the powertest.

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 fs/Qts = 117
- Ratio BL/sqrt(Re) = 0.4

Special remarks

Remarks on powertest

Graph showing SPL vs Frequency [Hz] with different angles and impedance.