print close drawing application

Peerless Data Sheet

Type: SLS 263 SWR 39 115 THSX AL 4L 8 OHM - 830668

Electrical data

Nominal impedance	Zn	8 (ohm)
Minimum imp./at freq.	Zmin	6.3/126 (ohm/Hz)
Maximum impedance	Zo	53.2 (ohm)
Dc resistance	Re	5.6 (ohm)
Voice coil inductance	Le	3.3 (mH)

TS Parameters

Resonance Frequency	fs	33.3 (Hz)
Mechanical Q factor	Qms	4.85
Electrical Q factor	Qes	0.57
Total Q factor	Qts	0.51
Force factor	Bl	10.2 (Tm)
Mechanical resistance	Rms	2.2 (Kg/s)
Moving mass	Mms	51.1 (g)
Suspens. compliance	Cms	0.45 (mm/N)
Effective cone diam.	D	20.7 (cm)
Effective piston area	Sd	335 (cm²)
Equivalent volume	Vas	69.3 (ltrs)
SPL 2.83V/1m at fmin		88.7 (dB)

Voice coil and magnet parameters

Voice coil diameter	39.0 (mm)
Voice coil length	24.0 (mm)
Voice coil layers	4
Height of the gap	8.0 (mm)
Linear excursion +/-	8.0 (mm)
Max mech. excursion +/-	- (mm)
Total useful flux	1.3 (mWb)
Diameter of magnet	115 (mm)
Height of magnet	22 (mm)
Weight of magnet	0.87 (kg)

Factors

Ratio fs/Qts	65
Ratio BL/sqrt(Re)	4.3

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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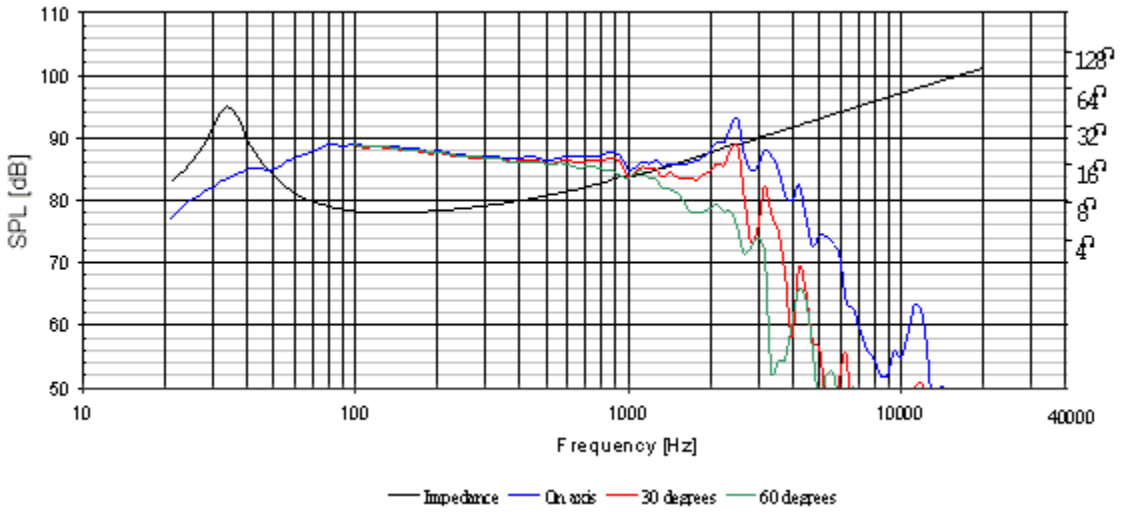

Measuring methods and conditions are stated in Peerless Standard for Acoustic Measurements (PSAM)