



Peerless Data Sheet

Type: XXLS 269 SWR 51 147 NWP ALP 4L 4 ohm - 830842



Electrical data

Nominal impedance	Zn	4 (ohm)
Minimum imp./at freq.	Zmin	3.9/100 (ohm/Hz)
Maximum impedance	Zo	122.5 (ohm)
Dc resistance	Re	2.6 (ohm)
Voice coil inductance	Le	4.2 (mH)

TS Parameters

Resonance Frequency	fs	19.2 (Hz)
Mechanical Q factor	Qms	8.74
Electrical Q factor	Qes	0.19
Total Q factor	Qts	0.19

Force factor	Bl	14.9 (Tm)
Mechanical resistance	Rms	1.84 (Kg/s)
Moving mass	Mms	133.8 (g)
Suspens. compliance	Cms	0.52 (mm/N)
Effective cone diam.	D	21.2 (cm)
Effective piston area	Sd	352 (cm ²)
Equivalent volume	Vas	88.4 (ltrs)
SPL 2.83V/1m at fmin		88.4 (dB)

Power handling

100h RMS noise test (IEC)	175 (W)
Longterm Max System Power (IEC)	350 (W)
IEC268-5 noise signal is used for the powertest.	

Voice coil and magnet parameters

Voice coil diameter	51.0 (mm)
Voice coil length	33.0 (mm)
Voice coil layers	4
Height of the gap	8.0 (mm)
Linear excursion +/-	12.5 (mm)
Max mech. excursion +/-	- (mm)
Total useful flux	2.3 (mWb)
Diameter of magnet	147 (mm)
Height of magnet	35 (mm)
Weight of magnet	2.4 (kg)

Factors

Ratio fs/Qts	103
Ratio BL/sqrt(Re)	9.2

Special remarks

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Remarks on powertest

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