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Peerless Data Sheet



Type: SLS 315 SWR 39 134 THSX AL 4L 8 OHM - 830669



Electrical data

Nominal impedance	Zn	8 (ohm)
Minimum imp./at freq.	Zmin	6.5/126 (ohm/Hz)
Maximum impedance	Zo	80.4 (ohm)
Dc resistance	Re	5.7 (ohm)
Voice coil inductance	Le	3.1 (mH)

TS Parameters

Resonance Frequency	fs	28.0 (Hz)
Mechanical Q factor	Qms	6.7
Electrical Q factor	Qes	0.51
Total Q factor	Qts	0.47

Force factor	BL	12.2 (Tm)
Mechanical resistance	Rms	1.98 (Kg/s)
Moving mass	Mms	75.4 (g)
Suspens. compliance	Cms	0.43 (mm/N)
Effective cone diam.	D	26.2 (cm)
Effective piston area	Sd	540 (cm ²)
Equivalent volume	Vas	172.4 (ltrs)
SPL 2.83V/1m at fmin		91.2 (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	1.5 (mWb)
Diameter of magnet	134 (mm)
Height of magnet	22 (mm)
Weight of magnet	1.28 (kg)

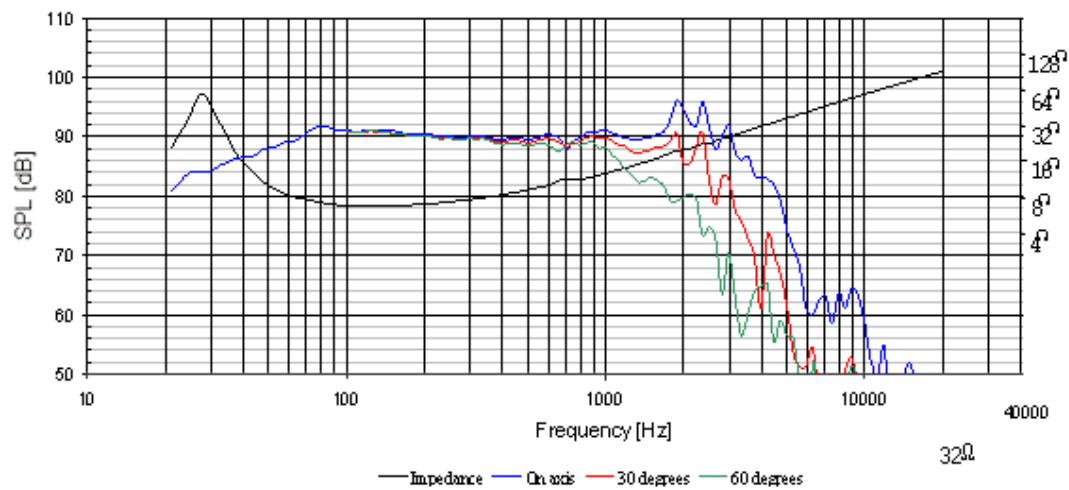
Factors

Ratio fs/Qts	59
Ratio BL/sqrt(Re)	5.1

Special remarks

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



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