

Type: 308 SWR 51 147 NX ALP 4L XLS 4+4Ω 830564

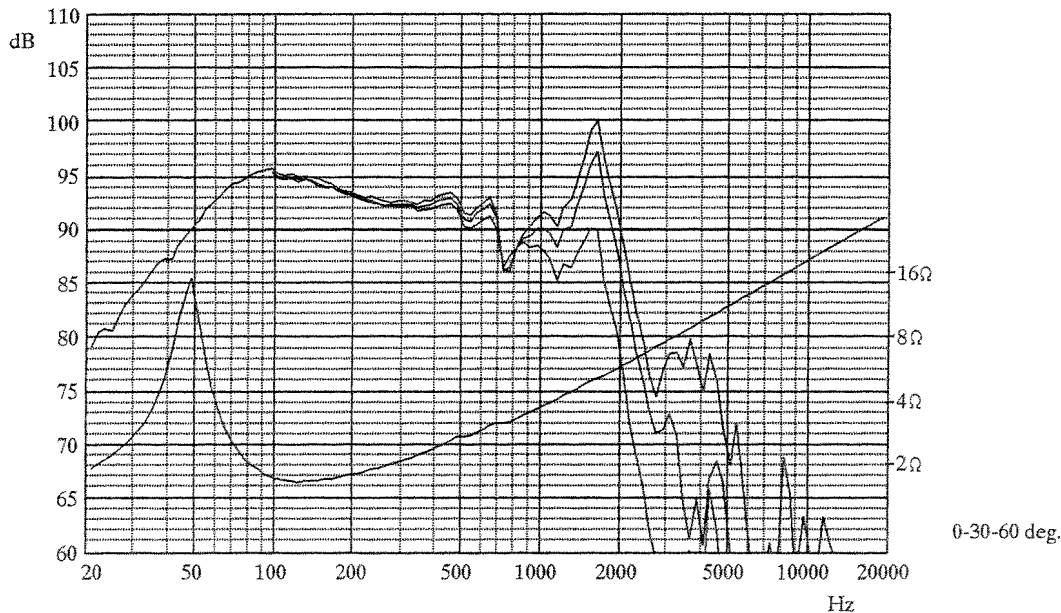
Thiele Small parameters:

		Free air	Common	Baffled
Nominal impedance	Zn (Ω)		2	
Minimum impedance/at freq.	Zmin (Ω/Hz)		1.5 / 126	
Maximum impedance	Zo (Ω)		15.8	
Dc resistance	Re (Ω)		1.2	
Voice coil inductance	Le (mH)		0.9	
Capacitor in series with 2 Ω (for impedance compensation)	Cc (μF)		157	
Resonance Frequency	fs (Hz)	48.8		48.8
Mechanical Q factor	Qms	8.06		8.07
Electrical Q factor	Qes	0.66		0.66
Total Q factor	Qts	0.61		0.61
F (Ratio fs/Qts)	F (Hz)			80
Mechanical resistance	Rms (Kg/s)		5.96	
Moving mass	Mms (g)	156.8		156.9
Suspension compliance	Cms (mm/N)		0.07	
Effective cone diameter	D (cm)		24.4	
Effective piston area	Sd (cm²)		466	
Equivalent volume	Vas (ltrs)		20.4	
Force factor	Bl (N/A)		9.3	
Reference voltage sensitivity Re 2.83V 1m at 126 Hz (Measured)	(dB)			94.9

Magnet and voice coil parameters:

Voice coil diameter	d (mm)	51
Voice coil length	h (mm)	33
Voice coil layers	n	4
Flux density in gap	B (T)	1.04
Total useful flux	(mWb)	2.50
Height of the gap	hg (mm)	8
Diameter of magnet	dm (mm)	147
Height of magnet	hm (mm)	35
Weight of magnet	(kg)	2.42

Customer:
 Att:
 Comments:
 Sign: EF



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

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