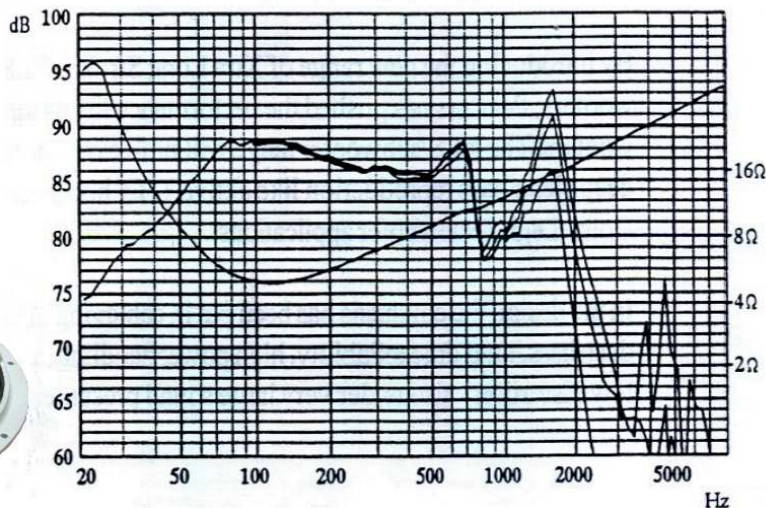


Peerless 10" WOOFER

830473 XLS 265
269 SWR 51 147 NX ALP 4L 8Ω



Frequency response : 2.83v / 1m



SPECIFICATION

Thiele Small parameters:

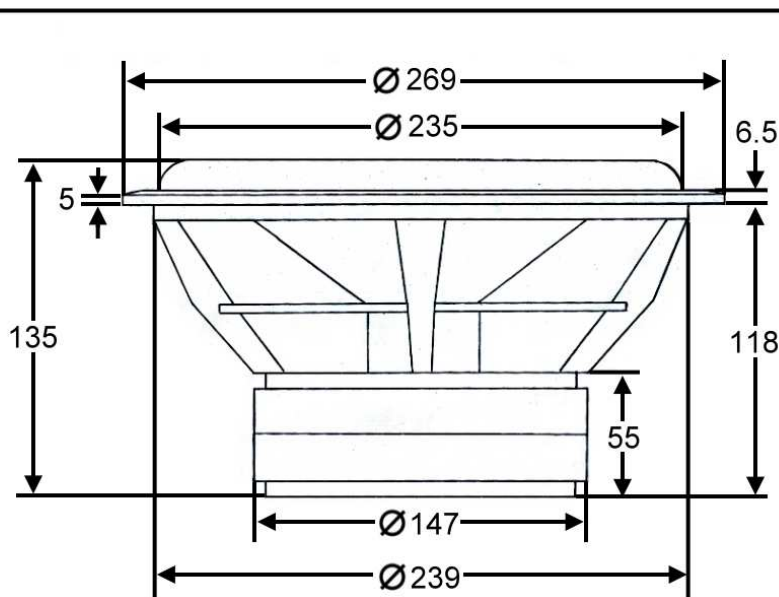
Nominal impedance	Zn (Ω)	8
Minimum impedance/at freq.	Zmin (Ω/Hz)	4.8 / 119
Maximum impedance	Zo (Ω)	54.8
Dc resistance	Re (Ω)	3.3
Voice coil inductance	Le (mH)	4.7
Capacitor in series with 8 Ω (for impedance compensation)	Cc (μF)	22
Resonance Frequency	fs (Hz)	24.4
Mechanical Q factor	Qms	3.04
Electrical Q factor	Qes	0.19
Total Q factor	Qts	0.18
F (Ratio fs/Qts)	F (Hz)	130
Mechanical resistance	Rms (Kg/s)	6.35
Moving mass	Mms (g)	126.0
Suspension compliance	Cms (mm/N)	0.34
Effective cone diameter	D (cm)	20.6
Effective piston area	Sd (cm²)	333
Equivalent volume	Vas (ltrs)	51.7
Force factor	Bl (N/A)	18.1
Reference voltage sensitivity	(dB)	89
Re 2.83V 1m at 119 Hz (Calculated)		

Power handling

Longterm Max System Power (IEC) (W) **200**

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)	
Total useful flux	(mWb)	0.00
Height of the gap	hg (mm)	8
Diameter of magnet	dm (mm)	147
Height of magnet	hm (mm)	35
Weight of magnet	(kg)	2.00



All dimensions in mm