

SWR 308

Thiele Small parameters:

Nominal impedance
 Minimum impedance/at freq.
 Maximum impedance
 DC resistance
 Voice coil inductance
 Capacitor in series with 4 ohm
 (for impedance compensation)
 Resonance Frequency
 Mechanical Q factor
 Electrical Q factor
 Total Q factor
 F (Ratio fs/Qts)
 Mechanical resistance
 Moving mass
 Suspension compliance
 Effective cone diameter
 Effective piston area
 Equivalent volume
 Force factor
 Reference voltage sensitivity
 Re 2.83V 1m at 115 Hz (Measured)

Zn (ohm)
 Zmin (ohm/Hz)
 Zo (ohm)
 Re (ohm)
 Le (mH)
 Cc (µF)
 fs (Hz)
 Qms
 Qes
 Qts
 F (Hz)
 Rms (Kg/s)
 Mms (g)
 Cms (mm/N)
 D (cm)
 Sd (cm²)
 VAS (ltrs)
 Bl (N/A)
 (dB)

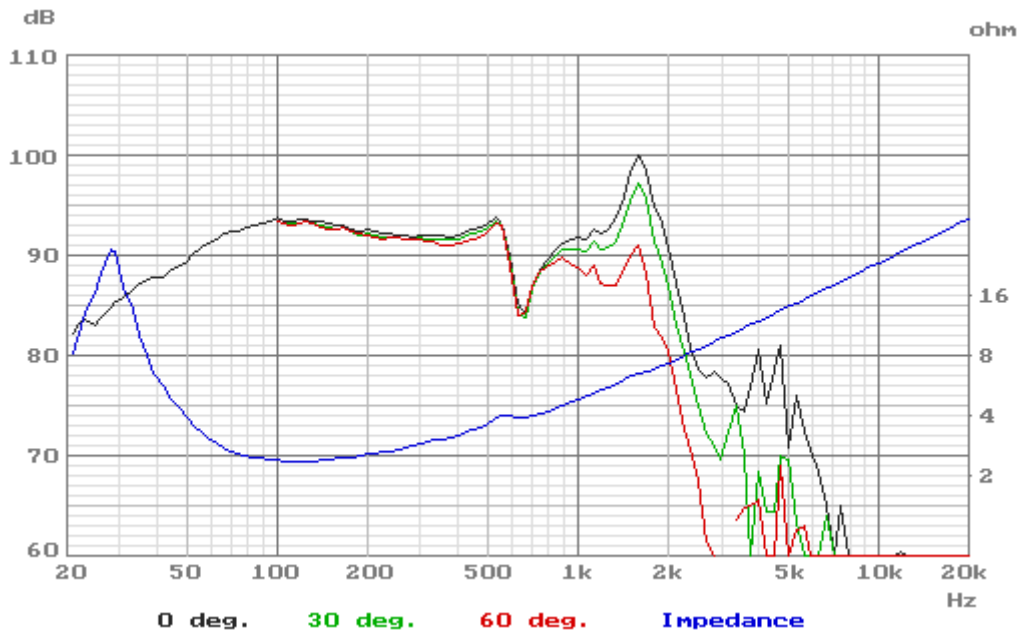
	Free air	Common	Baff led
		4	
		2.2/115	
		28.9	
		1.8	
		1.9	
		34	
	28.2		28.2
	4.81		4.81
	0.32		0.32
	0.30		0.30
			94
	118.5	4.37	118.6
		0.27	
		24.4	
		466	
		80.5	
		10.9	
			93.5

Magnet and voice coil parameters:

Voice coil diameter
 Voice coil length
 Voice coil layers
 Flux density in gap
 Total useful flux
 Height of the gap
 Diameter of magnet
 Height of magnet
 Weight of magnet

d (mm)
 h (mm)
 n
 B (T)
 (mWb)
 hg (mm)
 dm (mm)
 hm (mm)
 (kg)

51
33
4
1.04
2.50
8
147
35
2.42



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