goldwood

GW-406D

Thiele-Small Parameters, Voice Coils In Parallel

Parameter	Value	Unit / Notes
Effective Piston Area (Sd)	136.35	cm^2
Free Air Resonance (Fs)	60.3	Hz
DC Resistance (Re)	3.5	Ω
Mechanical Q Factor (Qms)	4.125	
Electrical Q Factor (Qes)	0.746	
Total Q Factor (Qts)	0.632	
Voice Coil Inductance (Le)	0.4	mH/milli-Henrys
Equivalent Air Volume (Vas)	13.2	Liters
Moving Mass (Mms)	13.7	Grams/Mmd + air load mass
Suspension Compliance (Cms)	508.224	µM/N/micro-Meters per Newton
Force Factor (Bl)	4.948	Tm / Tesla-Meters
Sensitivity (SPLref)	91.3	dB/Reference 8Ω/2.83Vrms
X-Max	2.0	mm

Thiele-Small Parameters, Voice Coils In Series

Parameter	Value	Unit / Notes
Effective Piston Area (Sd)	136.35	cm^2
Free Air Resonance (Fs)	60.3	Hz
DC Resistance (Re)	14.3	Ω
Mechanical Q Factor (Qms)	4.125	
Electrical Q Factor (Qes)	0.746	
Total Q Factor (Qts)	0.632	
Voice Coil Inductance (Le)	1.4	mH/milli-Henrys
Equivalent Air Volume (Vas)	13.2	Liters
Moving Mass (Mms)	13.7	Grams/Mmd + air load mass
Suspension Compliance (Cms)	508.224	µM/N/micro-Meters per Newton
Force Factor (Bl)	9.970	Tm / Tesla-Meters
Sensitivity (SPLref)	85.2	dB/Reference 8Ω/2.83Vrms