goldwood

MODEL GW-410D

Thiele-Small Parameters, Voice Coils In Parallel

Parameter	Value	Unit / Notes
Effective Piston Area (Sd)	344.9	cm^2
Free Air Resonance (Fs)	40.4	Hz
DC Resistance (Re)	1.8	Ω
Mechanical Q Factor (Qms)	6.172	
Electrical Q Factor (Qes)	0.680	
Total Q Factor (Qts)	0.613	
Voice Coil Inductance (Le)	0.3	mH/milli-Henrys
Equivalent Air Volume (Vas)	56.9	Liters
Moving Mass (Mms)	45.7	Grams/Mmd + air load mass
Suspension Compliance (Cms)	340.995	µM/N/micro-Meters per Newton
Force Factor (Bl)	5.512	Tm / Tesla-Meters
Sensitivity (SPLref)	95.7	dB/Reference 8Ω/2.83Vrms

Thiele-Small Parameters, Voice Coils In Series

Parameter	Value	Unit / Notes
Effective Piston Area (Sd)	344.9	cm^2
Free Air Resonance (Fs)	40.4	Hz
DC Resistance (Re)	7.1	Ω
Mechanical Q Factor (Qms)	6.172	
Electrical Q Factor (Qes)	0.680	
Total Q Factor (Qts)	0.613	
Voice Coil Inductance (Le)	1.3	mH/milli-Henrys
Equivalent Air Volume (Vas)	56.9	Liters
Moving Mass (Mms)	45.7	Grams/Mmd + air load mass
Suspension Compliance (Cms)	340.995	µM/N/micro-Meters per Newton
Force Factor (Bl)	10.983	Tm / Tesla-Meters
Sensitivity (SPLref)	89.7	dB/Reference 8Ω/2.83Vrms