

Classic Woofer



Type Number: 831709

Features:

The Classic line consists of all the highly regarded transducers that have been appraised and loved by so many customers over the years. The goal has been to assemble all the diamonds, developed over the years, speakers that fully live up to the heritage of the brand.

Driver Highlights: Recommended Replacement Driver #830667

Specs: *DISCONTINUED - ARCHIVED*

Electrical Data

Nominal impedance	Zn	8	ohm
Minimum impedance	Zmin	5.4	ohm
Maximum impedance	Zo	29.3	ohm
DC resistance	Re	5	ohm
Voice coil inductance	Le	1.2	mH
Capacitor in series with x ohm	Cc	6	uF

T-S Parameters

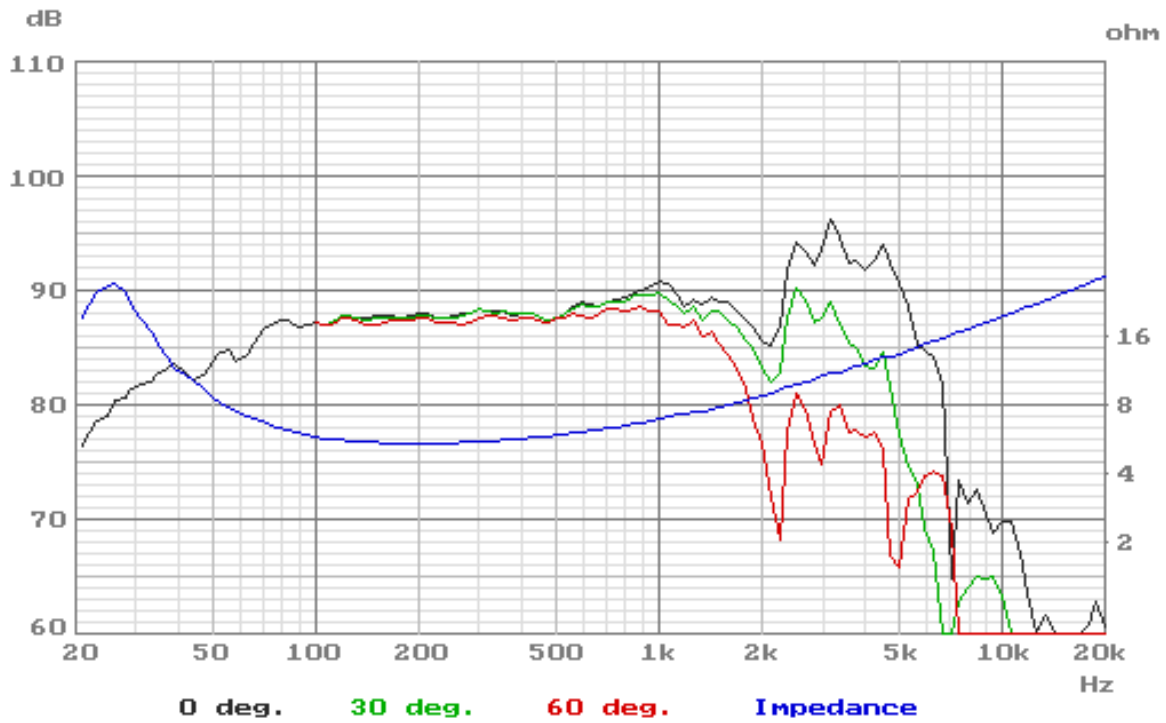
Resonance Frequency	fs	25	Hz
Mechanical Q factor	Qms	2.65	
Electrical Q factor	Qes	0.54	
Total Q factor	Qts	0.45	
Ratio fs/Qts	F	--	
Force factor	Bl	6.9	Tm
Mechanical resistance	Rms	1.98	Kg/s
Moving mass	Mms	33.4	g
Suspension compliance	Cms	1.21	mm/N
Effective cone diameter	D	16.9	cm
Effective piston area	Sd	225	cm ²
Equivalent volume	Vas	86.9	ltrs
Sensitivity		--	dB
Ratio BL/√(Re)		--	

Power handling

100h RMS noise test (IEC)	--	W
Long-term Max System Power (IEC)	150	W
Max linear SPL (rms) @ power	107/105	dB/W
Short Term Max power	--	W

Voice Coil and Magnet Parameters

Voice coil diameter	33	mm
Voice coil height	17	mm
Voice coil layers	2	
Height of the gap	6	mm
Linear excursion +/-	--	mm
Max mech. excursion +/-	--	mm
Flux density of gap	1.13	mWb
Total useful flux	1.03	mWb
Diameter of magnet	102	mm
Height of magnet	16	mm
Weight of magnet	0.54	Kg



Mechanical Dimensions:

