

GENERAL CHARACTERISTICS

Nominal Diameter	259	mm
Nominal Voice Coil Diameter	25	mm
Magnet Weight	200	g
Flux Density.....	0.96	T

THIELE-SMALL PARAMETERS

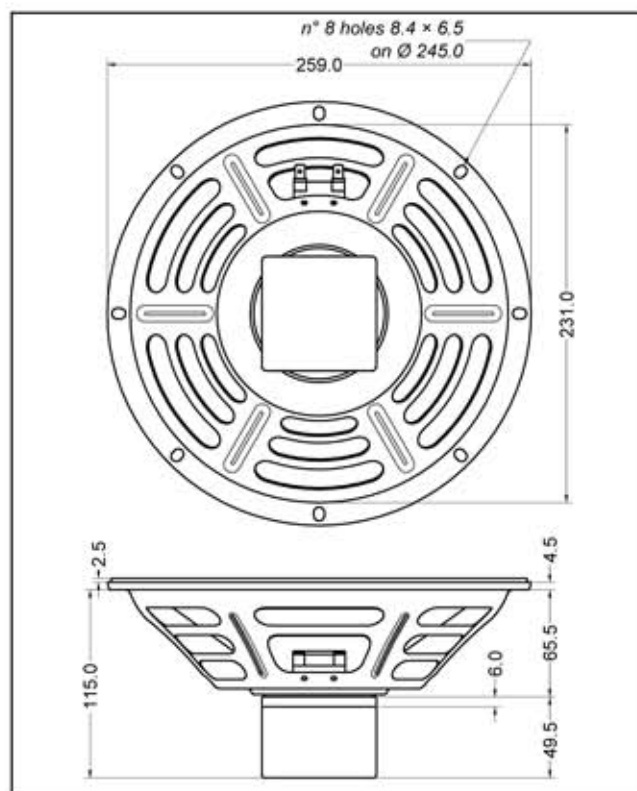
Voice Coil DC Resistance	R_E	6.70	Ω
Resonance Frequency	f_s	97.0	Hz
Mechanical Q Factor.....	Q_{MS}	23.55	
Electrical Q Factor.....	Q_{ES}	1.60	
Total Q Factor.....	Q_{TS}	1.50	
Mechanical Moving Mass	M_{MS}	13.1	g
Mechanical Compliance.....	C_{MS}	207.0	μm/N
Force Factor	$B \times l$	5.86	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	31.6	lt.
Maximum Linear Displacement	X_{MAX}	0.8	mm
Reference Efficiency	η_0	1.7	%
Diaphragm Area	S_D	330.0	cm ²
Losses Electrical Resistance.....	R_{ES}	102.0	Ω
Voice Coil Inductance	L_E	0.54	mH

CONSTRUCTIVE CHARACTERISTICS

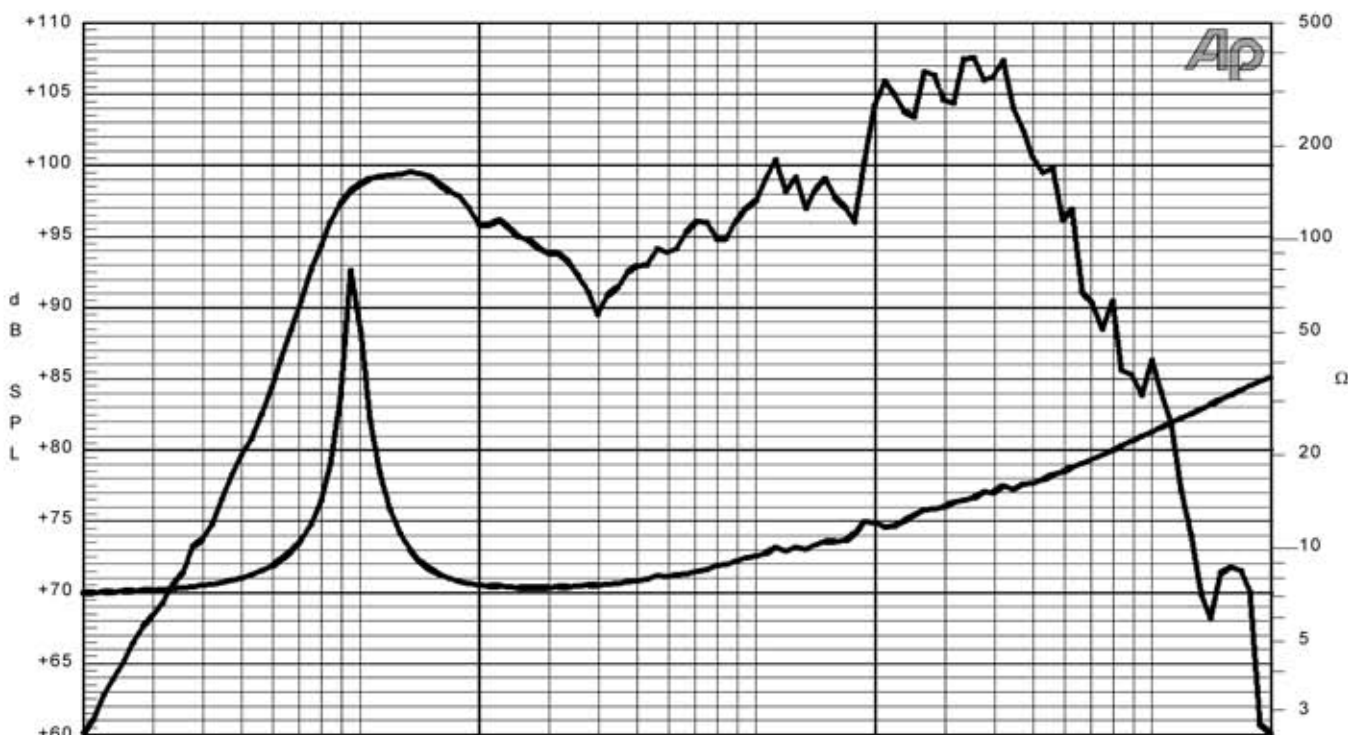
Magnet.....	AlNiCo
Voice Coil Wire	Copper
Voice Coil Former.....	Kapton
Cone	Paper
Surround.....	Treated Cloth
Dust Dome	Felt
Basket	Pressed Sheet Steel

ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	8	Ω
Rated Power (DIN 45573 - IEC 268.5)	25	W
Musical Power (DIN 45500)	50	W
Sensitivity @ 1 W, 1 m	95.0	dB



Frequency Response on IEC Baffle (DIN 45575) @ 1 W, 1 m - Impedance



31/03/2005