

### GENERAL CHARACTERISTICS

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

### THIELE-SMALL PARAMETERS

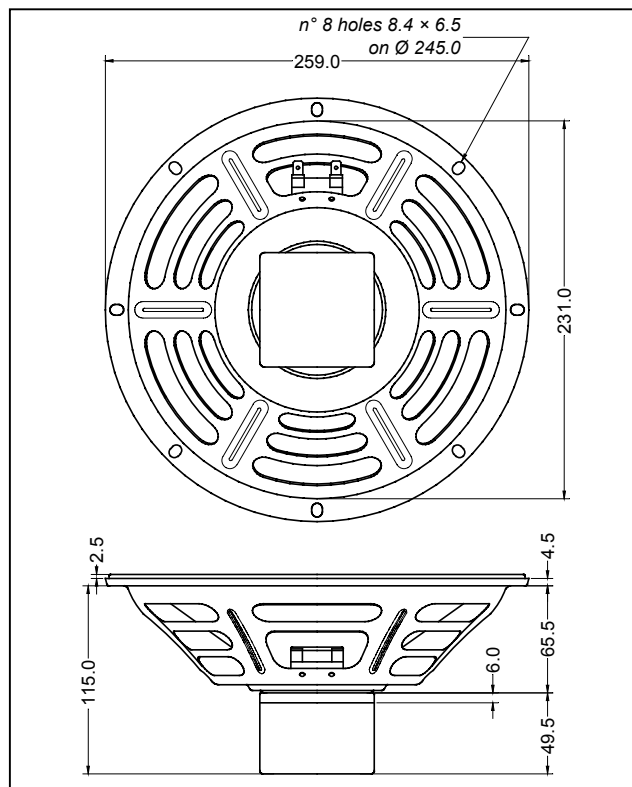
Voice Coil DC Resistance .....	$R_E$	6.70	Ω
Resonance Frequency .....	$f_s$	97.0	Hz
Mechanical Q Factor.....	$Q_{MS}$	23.55	
Electrical Q Factor.....	$Q_{ES}$	1.60	
Total Q Factor .....	$Q_{TS}$	1.50	
Mechanical Moving Mass .....	$M_{MS}$	13.1	g
Mechanical Compliance .....	$C_{MS}$	207.0	μm/N
Force Factor .....	$B \times l$	5.86	Wb/m
Equivalent Acoustic Volume.....	$V_{AS}$	31.6	lt.
Maximum Linear Displacement ....	$X_{MAX}$	0.8	mm
Reference Efficiency .....	$\eta_0$	1.7	%
Diaphragm Area .....	$S_D$	330.0	cm <sup>2</sup>
Losses Electrical Resistance.....	$R_{ES}$	102.0	Ω
Voice Coil Inductance .....	$L_E$	0.54	mH

### CONSTRUCTIVE CHARACTERISTICS

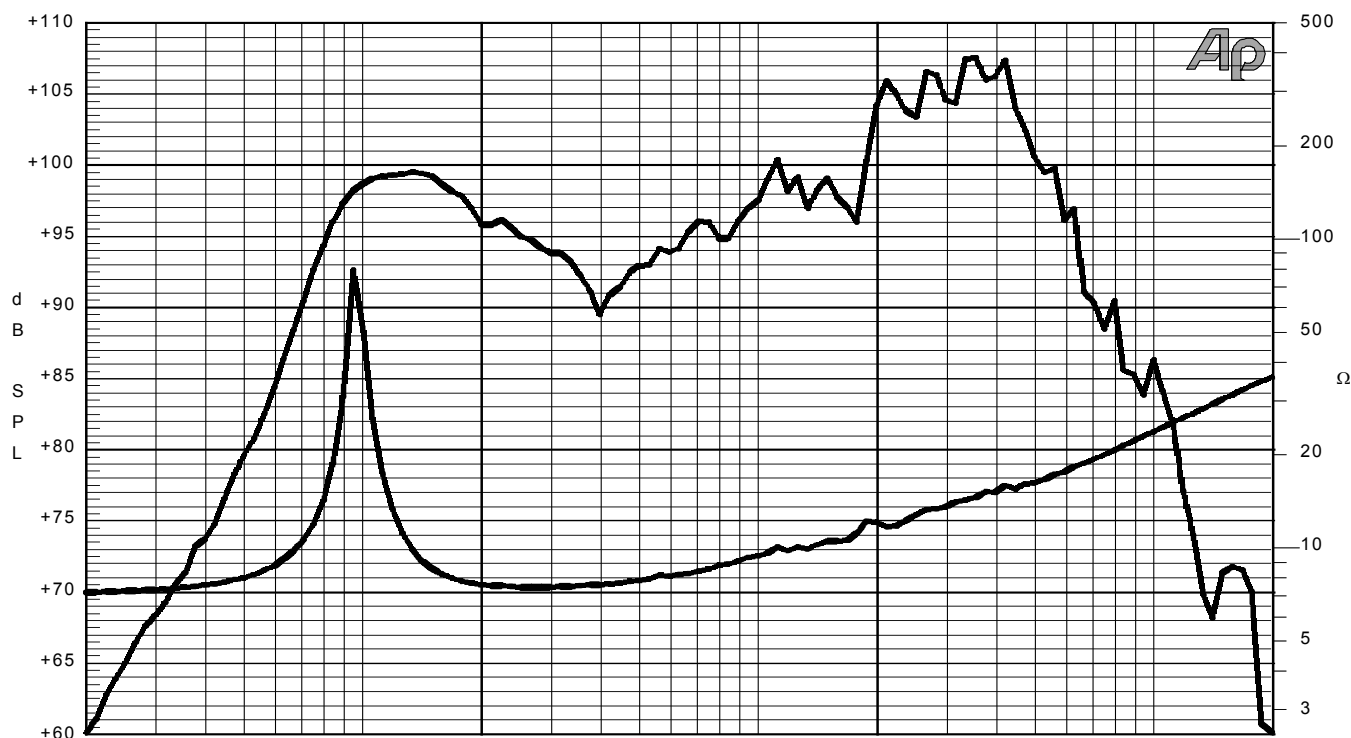
Magnet.....	AlNiCo
Voice Coil Wire.....	Copper
Voice Coil Former.....	Kapton
Cone .....	Paper
Surround.....	Treated Cloth
Dust Dome .....	Felt
Basket .....	Pressed Sheet Steel

### 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