

#### GENERAL CHARACTERISTICS

Nominal Overall Diameter .....	266	mm
Nominal Voice Coil Diameter .....	50	mm
Magnet Weight .....	1100	g
Flux Density.....	1.20	T
Weight.....	3.50	Kg

#### THIELE-SMALL PARAMETERS

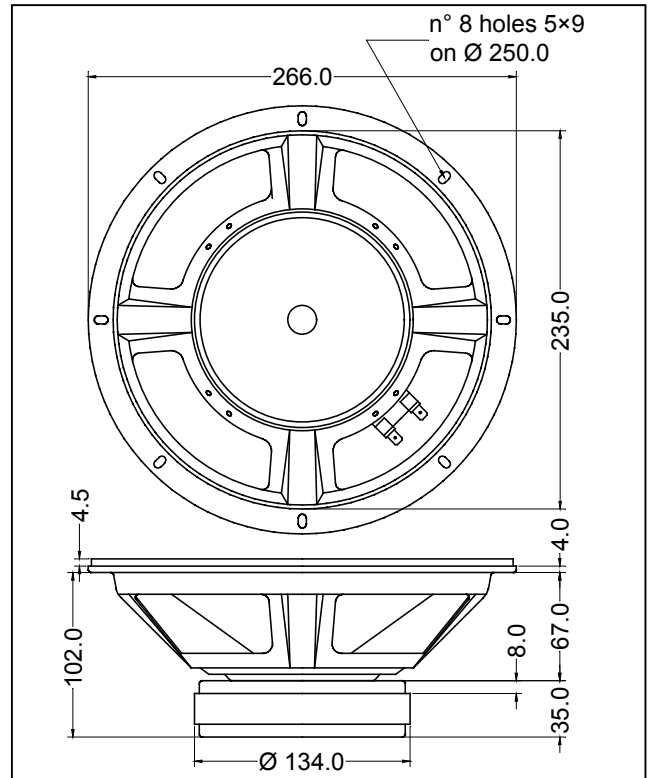
Voice Coil DC Resistance .....	$R_E$	6.13	Ω
Resonance Frequency .....	$f_s$	54.6	Hz
Mechanical Q Factor.....	$Q_{MS}$	5.93	
Electrical Q Factor.....	$Q_{ES}$	0.35	
Total Q Factor .....	$Q_{TS}$	0.33	
Mechanical Moving Mass .....	$M_{MS}$	30.73	g
Mechanical Compliance .....	$C_{MS}$	276	μm/N
Force Factor .....	$B \times l$	13.48	Wb/m
Equivalent Acoustic Volume.....	$V_{AS}$	42.61	lt.
Maximum Linear Displacement ....	$X_{MAX}$	+/-1.5	mm
Reference Efficiency .....	$\eta_0$	1.87	%
Diaphragm Area .....	$S_D$	330.1	cm <sup>2</sup>
Losses Electrical Resistance.....	$R_{ES}$	102.6	Ω
Voice Coil Inductance @ 1kHz .....	$L_E$	0.85	mH

#### CONSTRUCTIVE CHARACTERISTICS

Magnet.....	Ferrite
Voice Coil Winding.....	Copper
Voice Coil Former.....	Kapton
Cone .....	Paper
Surround.....	Treated Cloth
Dust Dome .....	Solid Paper
Basket .....	Pressed Sheet Steel

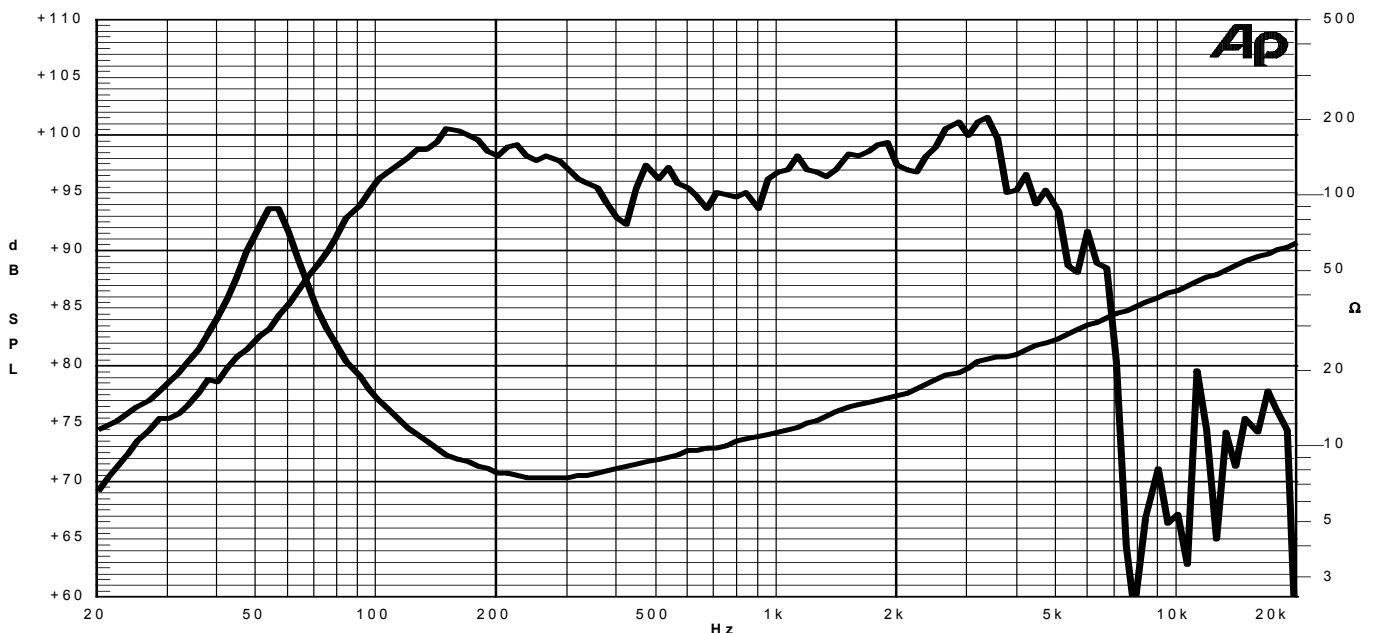
#### ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	8	Ω
Musical Power .....	300	W
Rated Power* .....	150	W
Sensitivity @ 1 W, 1 m .....	96.0	dB



\*rated power measured with 2 hours test with pink noise signal, 6 dB crest factor, loudspeaker mounted on enclosure  
 Thiele-Small parameters measured with LASER system

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



Due to continuing product improvement, the features and the design are subject to change without notice.

19/12/08