

GENERAL CHARACTERISTICS

Nominal Overall Diameter	266	mm
Nominal Voice Coil Diameter	38	mm
Magnet Weight	426	g
Flux Density.....	0.95	T
Weight.....	1.85	Kg

THIELE-SMALL PARAMETERS

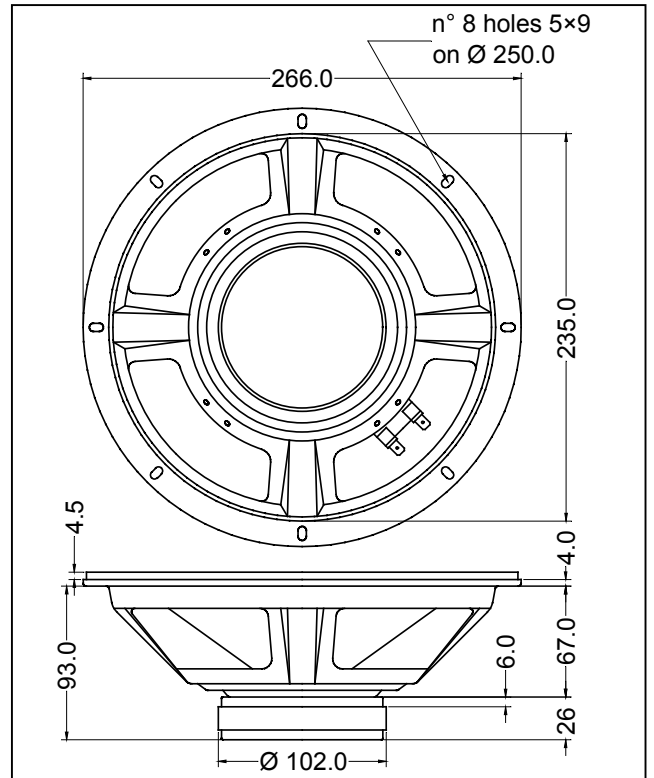
Voice Coil DC Resistance	R_E	3.05	Ω
Resonance Frequency	f_s	69.0	Hz
Mechanical Q Factor.....	Q_{MS}	15.48	
Electrical Q Factor.....	Q_{ES}	0.89	
Total Q Factor	Q_{TS}	0.84	
Mechanical Moving Mass	M_{MS}	19.1	g
Mechanical Compliance	C_{MS}	278	μm/N
Force Factor	$B \times l$	5.33	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	42.5	lt.
Maximum Linear Displacement	X_{MAX}	+/-1.0	mm
Reference Efficiency	η_0	1.50	%
Diaphragm Area	S_D	330.0	cm ²
Losses Electrical Resistance.....	R_{ES}	53.1	Ω
Voice Coil Inductance @ 1kHz	L_E	0.29	mH

CONSTRUCTIVE CHARACTERISTICS

Magnet.....	Ferrite
Voice Coil Winding.....	Copper
Voice Coil Former.....	Epotex
Cone	Paper
Surround.....	Paper - Integrated
Dust Dome	Dual-Cone
Basket	Pressed Sheet Steel

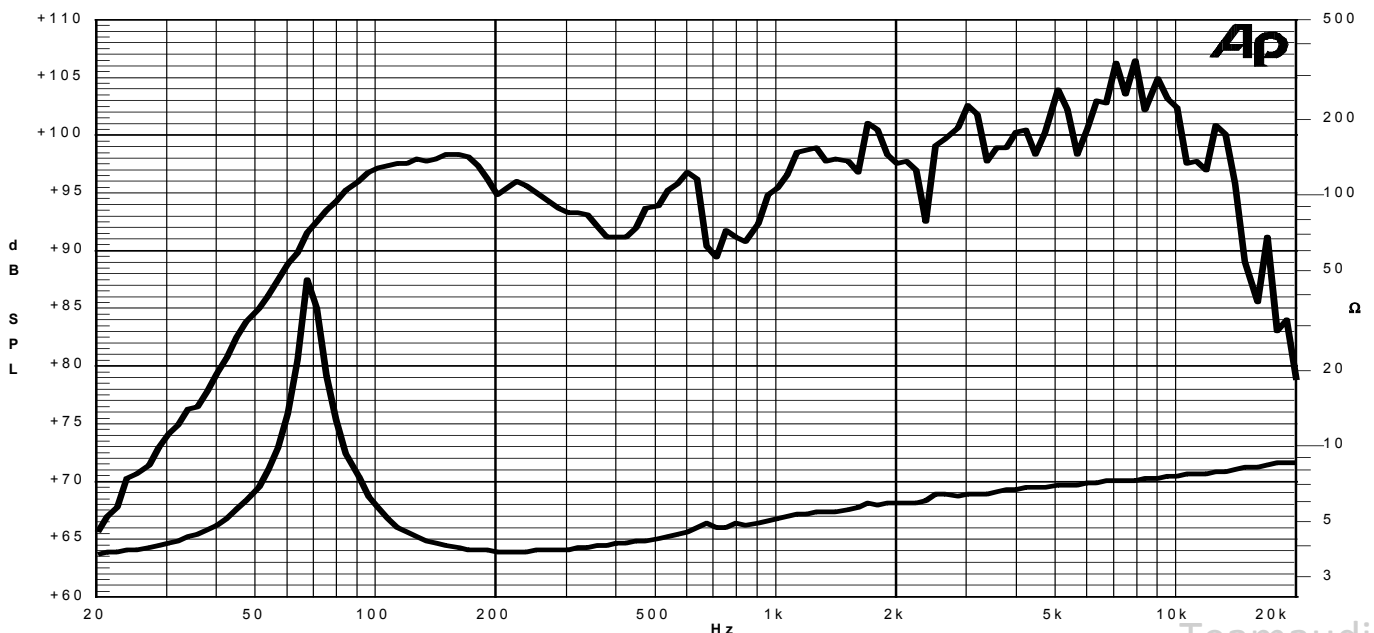
ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	4	Ω
Musical Power	160	W
Rated Power*	80	W
Sensitivity @ 1 W, 1 m	94.9	dB



*rated power measured with 2 hours test with pink noise signal, 6 dB crest factor, loudspeaker mounted on enclosure

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



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

11/03/05