SICA
LOUDSPEAKERS

10"- 120W Dual Cone

10 D 1 CS - 8 Ω

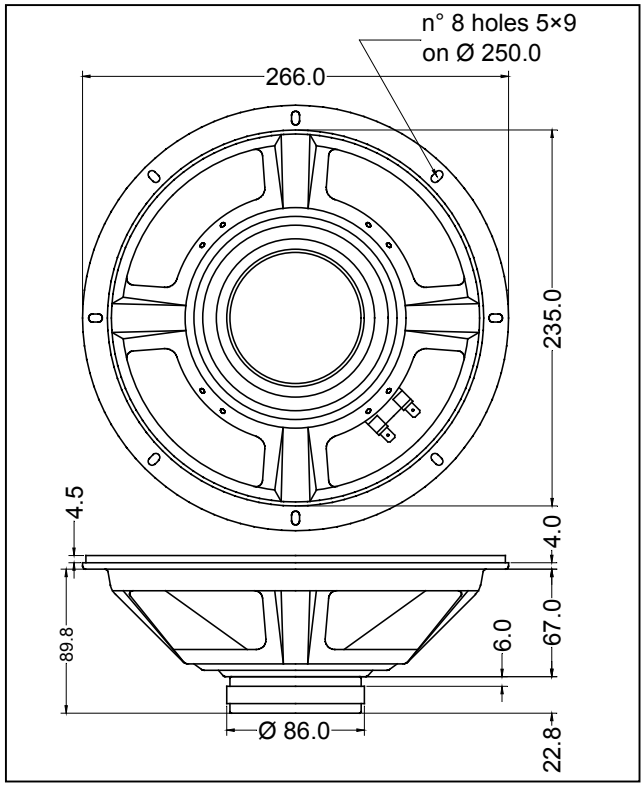
Code Z006090

GENERAL CHARACTERISTICS		
Nominal Overall Diameter	266	mm
Nominal Voice Coil Diameter	25	mm
Magnet Weight	280	g
Flux Density	0.90	T
Weight	1.30	Kg

ELECTRICAL CHARACTERISTICS		
Nominal Impedance	8	Ω
Musical Power	120	W
Rated Power*	60	W
Sensitivity @ 1 W, 1 m	93.1	dB

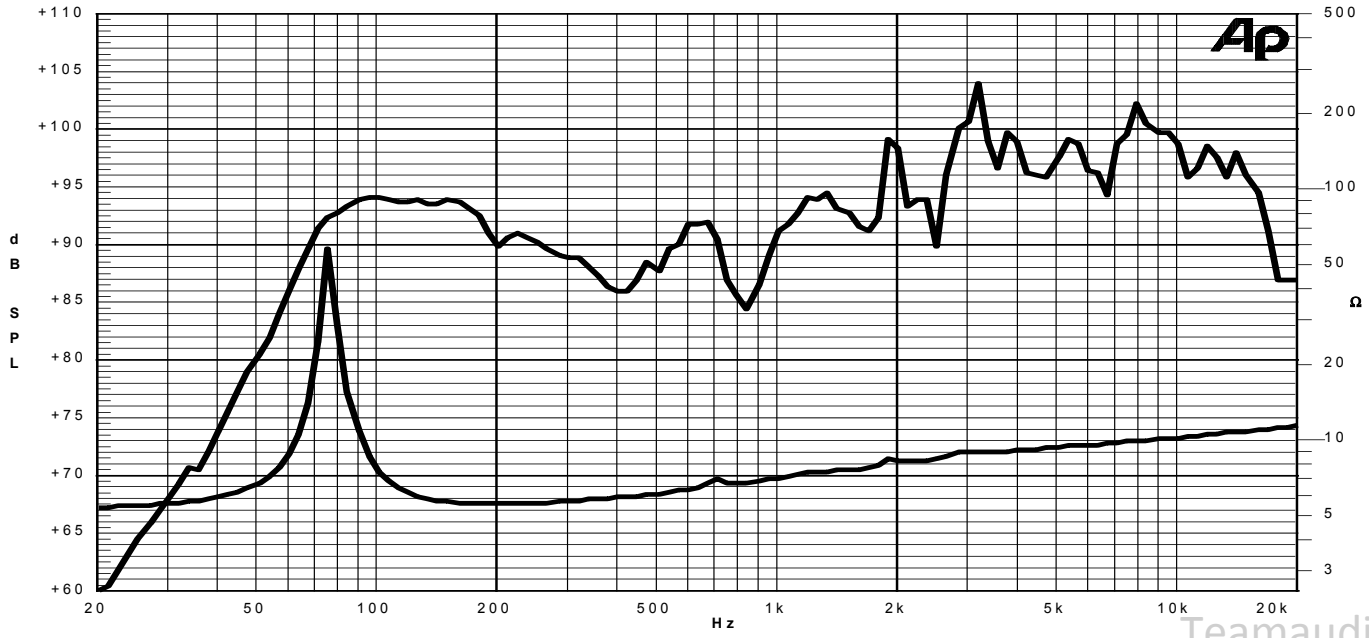
THIELE-SMALL PARAMETERS			
Voice Coil DC Resistance	R_E	6.87	Ω
Resonance Frequency	f_s	76.1	Hz
Mechanical Q Factor	Q_{MS}	19.52	
Electrical Q Factor	Q_{ES}	1.70	
Total Q Factor	Q_{TS}	1.56	
Mechanical Moving Mass	M_{MS}	15.2	g
Mechanical Compliance	C_{MS}	287	μm/N
Force Factor	$B \times l$	5.44	Wb/m
Equivalent Acoustic Volume	V_{AS}	43.9	lt.
Maximum Linear Displacement	X_{MAX}	+/-1.5	mm
Reference Efficiency	η_0	1.10	%
Diaphragm Area	S_D	330.0	cm^2
Losses Electrical Resistance	R_{ES}	79.1	Ω
Voice Coil Inductance @ 1kHz	L_E	0.45	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



**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. 14/03/05

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