SICA
LOUDSPEAKERS

10"- 120W Dual Cone

10 D 1 CS - 4 Ω

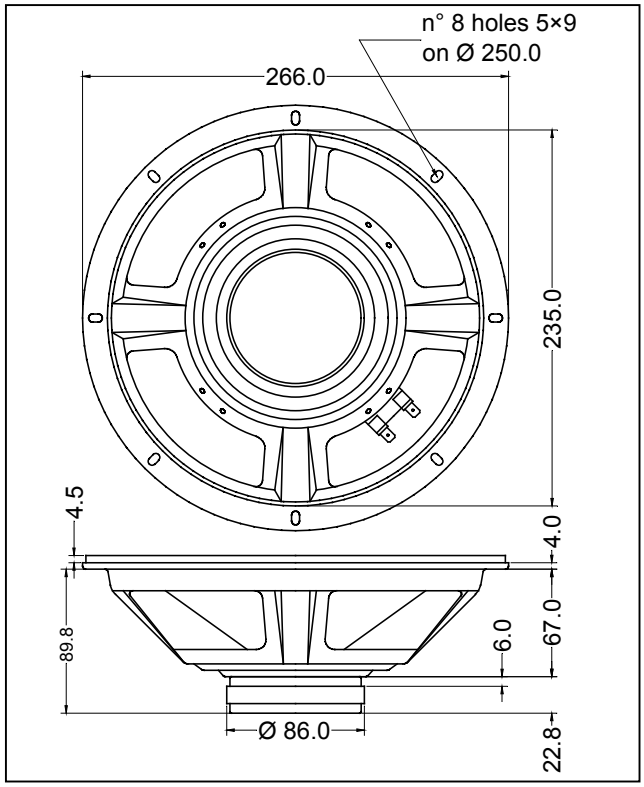
Code Z006060

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.....	4	Ω
Musical Power	120	W
Rated Power*	60	W
Sensitivity @ 1 W, 1 m	93.7	dB

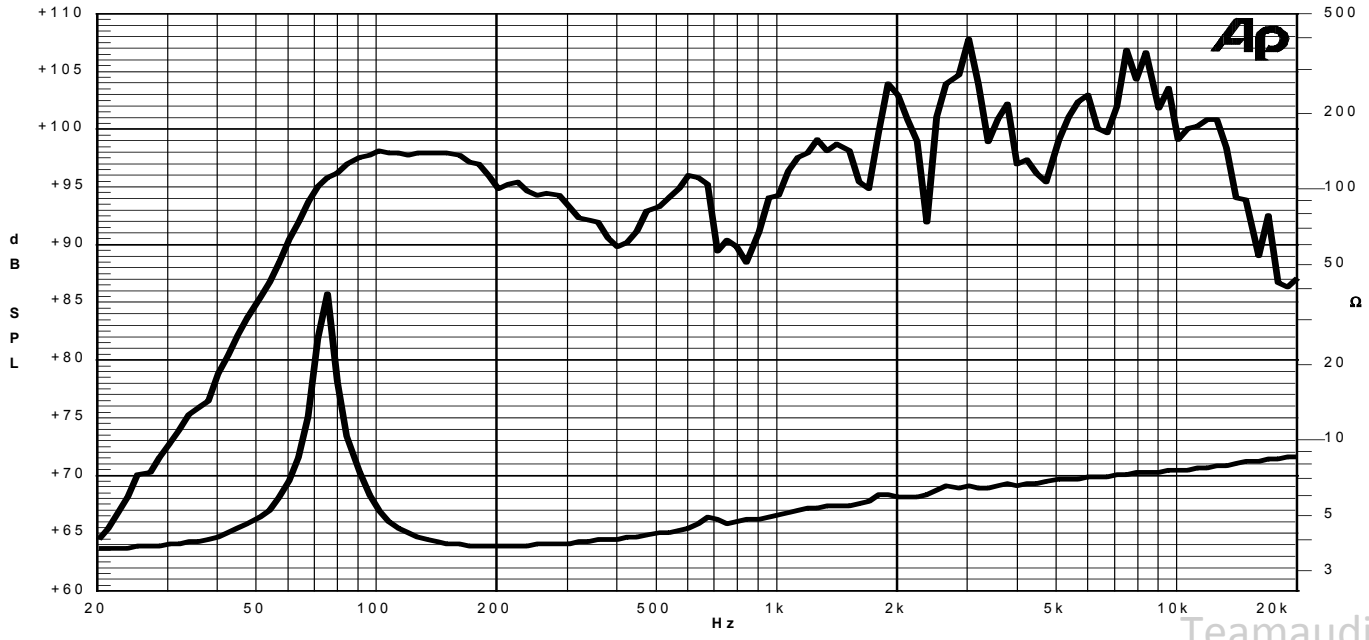
THIELE-SMALL PARAMETERS			
Voice Coil DC Resistance	R_E	3.10	Ω
Resonance Frequency	f_s	75.0	Hz
Mechanical Q Factor.....	Q_{MS}	17.13	
Electrical Q Factor.....	Q_{ES}	1.42	
Total Q Factor.....	Q_{TS}	1.34	
Mechanical Moving Mass	M_{MS}	17.0	g
Mechanical Compliance.....	C_{MS}	265	μm/N
Force Factor	$B \times l$	4.19	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	40.6	lt.
Maximum Linear Displacement	X_{MAX}	+/-1.5	mm
Reference Efficiency	η_0	1.16	%
Diaphragm Area	S_D	330.0	cm^2
Losses Electrical Resistance.....	R_{ES}	37.5	Ω
Voice Coil Inductance @ 1kHz	L_E	0.26	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. 11/03/05

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