SICA
LOUDSPEAKERS

6"- 120W Dual Cone

6 D 1 CS - 4 Ω

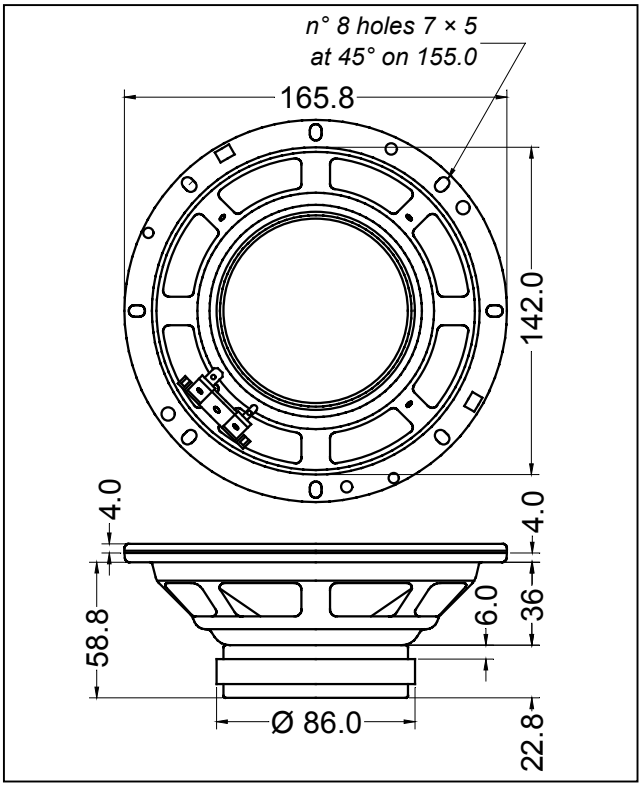
Code Z003720

GENERAL CHARACTERISTICS		
Nominal Overall Diameter	165	mm
Nominal Voice Coil Diameter	25	mm
Magnet Weight	280	g
Flux Density	0.95	T
Weight	1.00	Kg

ELECTRICAL CHARACTERISTICS		
Nominal Impedance	4	Ω
Musical Power	120	W
Rated Power*	60	W
Sensitivity @ 1 W, 1 m	90.6	dB

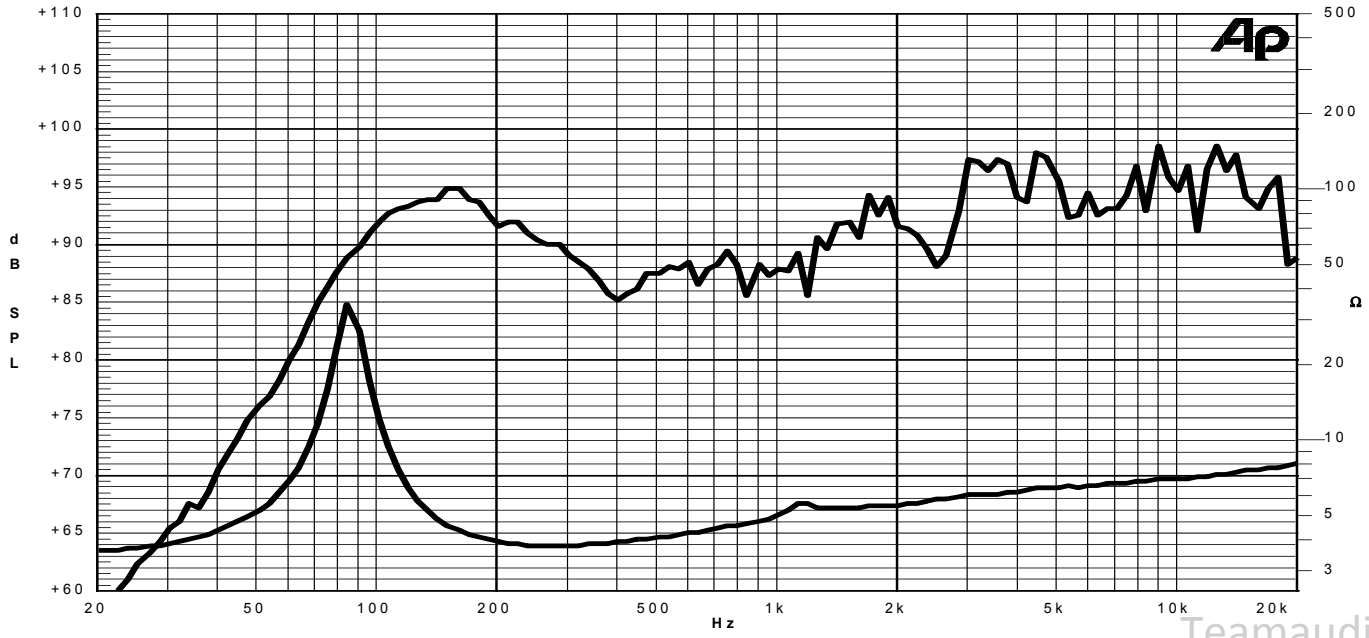
THIELE-SMALL PARAMETERS			
Voice Coil DC Resistance	R_E	3.20	Ω
Resonance Frequency	f_s	84.0	Hz
Mechanical Q Factor	Q_{MS}	8.33	
Electrical Q Factor	Q_{ES}	0.83	
Total Q Factor	Q_{TS}	0.76	
Mechanical Moving Mass	M_{MS}	9.4	g
Mechanical Compliance	C_{MS}	378	μm/N
Force Factor	$B \times l$	4.29	Wb/m
Equivalent Acoustic Volume	V_{AS}	8.0	lt.
Maximum Linear Displacement	X_{MAX}	+/-2.0	mm
Reference Efficiency	η_0	0.55	%
Diaphragm Area	S_D	123.0	cm^2
Losses Electrical Resistance	R_{ES}	3.1	Ω
Voice Coil Inductance @ 1kHz	L_E	0.32	mH

CONSTRUCTIVE CHARACTERISTICS	
Magnet	Ferrite
Voice Coil Winding	Copper
Voice Coil Former	Epotex
Cone	Paper
Surround	Rubber
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. 15/03/05