SICA
LOUDSPEAKERS

6"- 200W Extended Range

6 D1,5 SL - 8 Ω

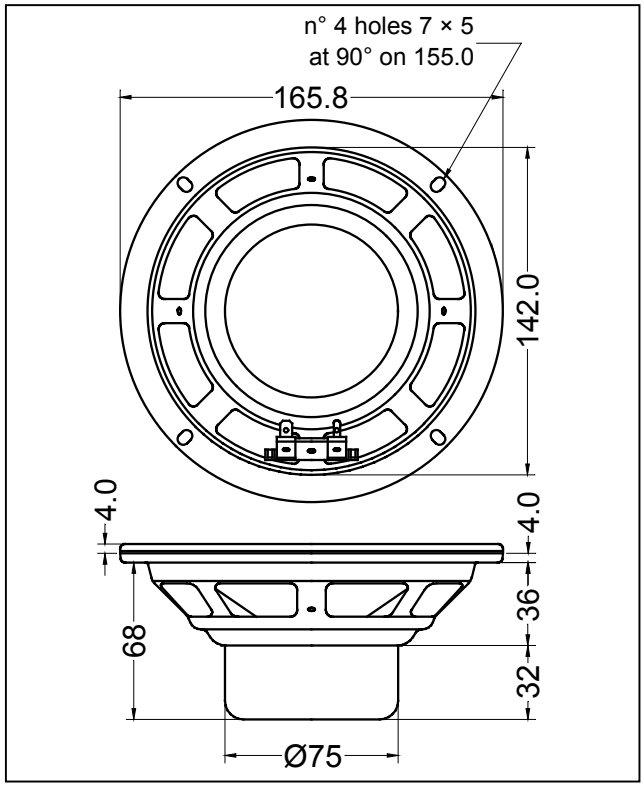
Code Z004065

GENERAL CHARACTERISTICS		
Nominal Overall Diameter	165	mm
Nominal Voice Coil Diameter	38	mm
Magnet Weight	126	g
Flux Density.....	1.20	T
Weight.....	0.90	Kg

ELECTRICAL CHARACTERISTICS		
Nominal Impedance.....	8	Ω
Musical Power	200	W
Rated Power*	100	W
Sensitivity @ 1 W, 1 m	93.0	dB

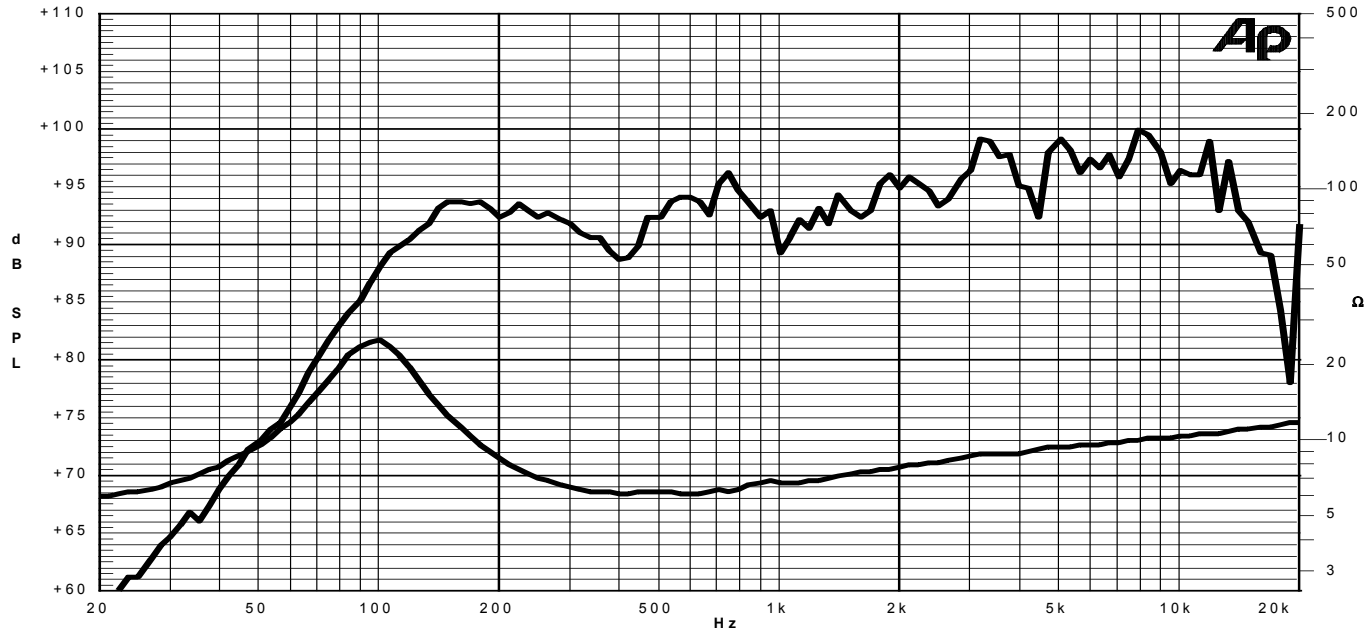
THIELE-SMALL PARAMETERS			
Voice Coil DC Resistance	R_E	5.18	Ω
Resonance Frequency	f_s	98.4	Hz
Mechanical Q Factor.....	Q_{MS}	2.12	
Electrical Q Factor.....	Q_{ES}	0.53	
Total Q Factor.....	Q_{TS}	0.43	
Mechanical Moving Mass	M_{MS}	11.6	g
Mechanical Compliance.....	C_{MS}	225	μm/N
Force Factor	$B \times l$	8.34	Wb/m
Equivalent Acoustic Volume.....	V_{AS}	4.8	lt.
Maximum Linear Displacement	X_{MAX}	+/-1.5	mm
Reference Efficiency	η_0	0.82	%
Diaphragm Area	S_D	122.7	cm^2
Losses Electrical Resistance.....	R_{ES}	20.5	Ω
Voice Coil Inductance @ 1kHz	L_E	0.22	mH

CONSTRUCTIVE CHARACTERISTICS	
Magnet.....	Neodymium
Voice Coil Winding.....	Copper
Voice Coil Former.....	Aluminium
Cone	Paper
Surround.....	Treated Cloth
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. 11/10/10

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