SICA LOUDSPEAKERS

18"- 1400W Professional Woofer

LP 470.100/ 3300 WT 8 Ω

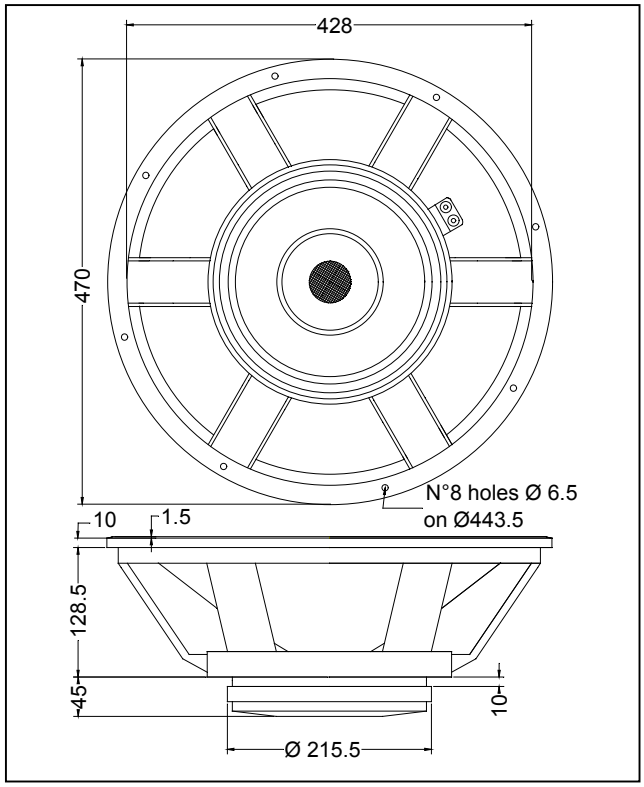
Code Z008390

GENERAL CHARACTERISTICS		
Nominal Overall Diameter	470	mm
Nominal Voice Coil Diameter	100	mm
Magnet Weight	3300	g
Flux Density	1.20	T
Weight	13.00	Kg

ELECTRICAL CHARACTERISTICS		
Nominal Impedance	8	Ω
Musical Power	1400	W
Rated Power*	700	W
Sensitivity @ 1 W, 1 m	97.9	dB

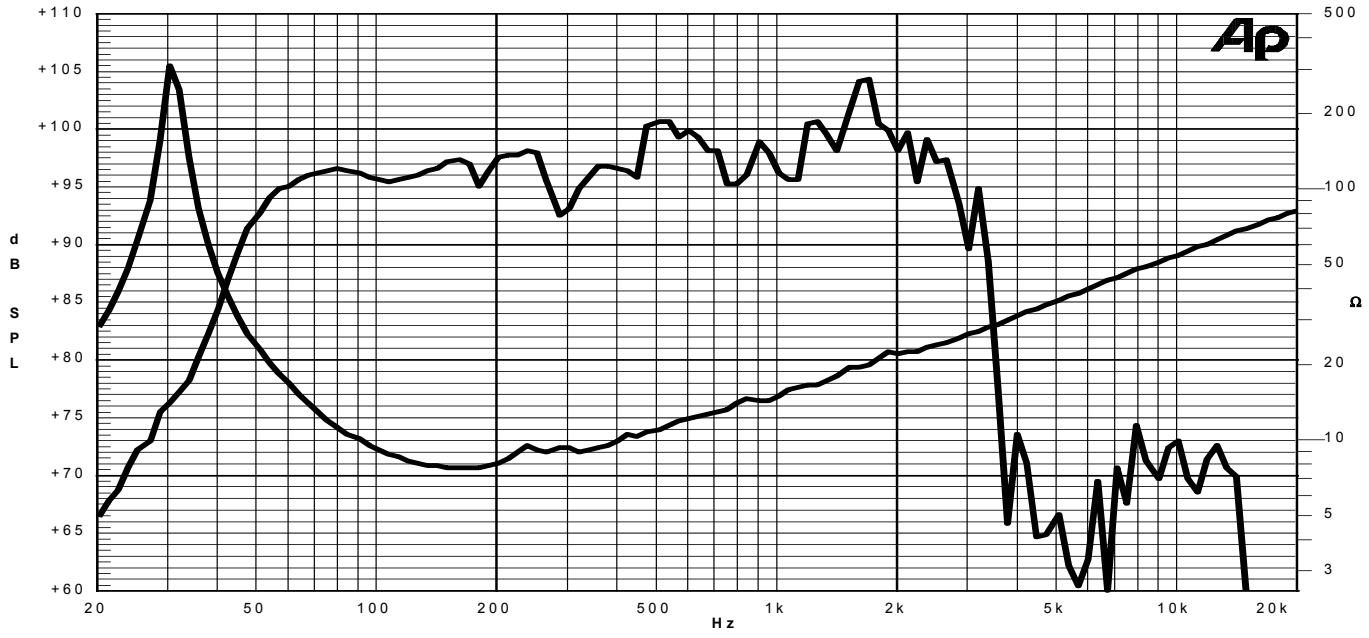
THIELE-SMALL PARAMETERS			
Voice Coil DC Resistance	R_E	5.94	Ω
Resonance Frequency	f_s	31.3	Hz
Mechanical Q Factor	Q_{MS}	21.72	
Electrical Q Factor	Q_{ES}	0.30	
Total Q Factor	Q_{TS}	0.30	
Mechanical Moving Mass	M_{MS}	150.2	g
Mechanical Compliance	C_{MS}	172	μm/N
Force Factor	$B \times l$	24.08	Wb/m
Equivalent Acoustic Volume	V_{AS}	295.1	lt.
Maximum Linear Displacement	X_{MAX}	+/-6.0	mm
Reference Efficiency	η_0	2.87	%
Diaphragm Area	S_D	1104	cm^2
Losses Electrical Resistance	R_{ES}	426.4	Ω
Voice Coil Inductance @ 1kHz	L_E	2.00	mH

CONSTRUCTIVE CHARACTERISTICS	
Magnet	Ferrite
Voice Coil Winding	Copper
Voice Coil Former	Fiberglass
Cone	Paper
Surround	Treated Cloth
Dust Dome	Solid Paper
Basket	Aluminium Die-Cast



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

Frequency Response on 150 litres vented box @ 1 W, 1 m - Impedance



Due to continuing product improvement, the features and the design are subject to change without notice. 07/03/05

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