

# SPECIFICATIONS

SAMPLE NO.: 55-1853

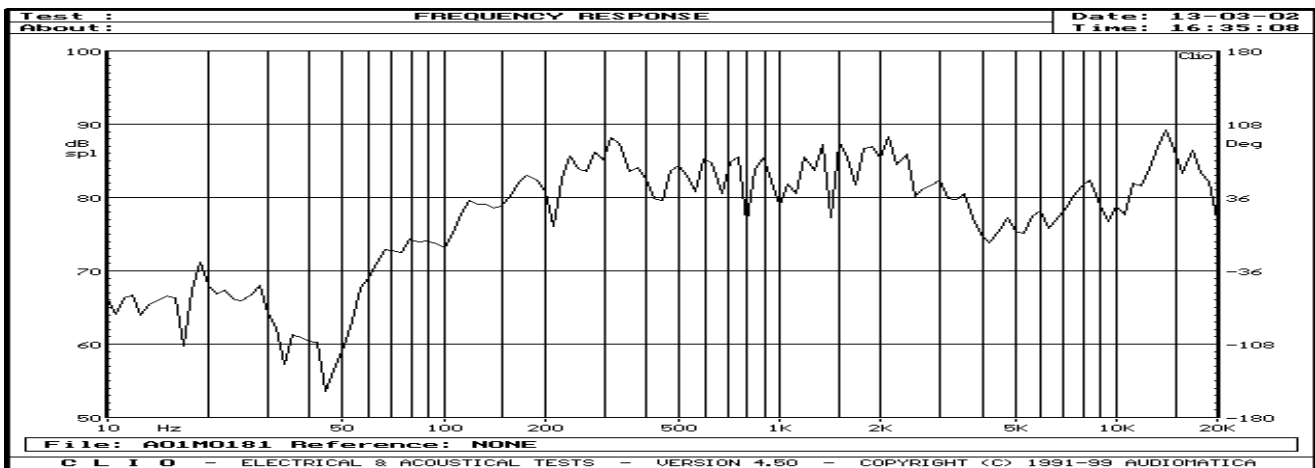
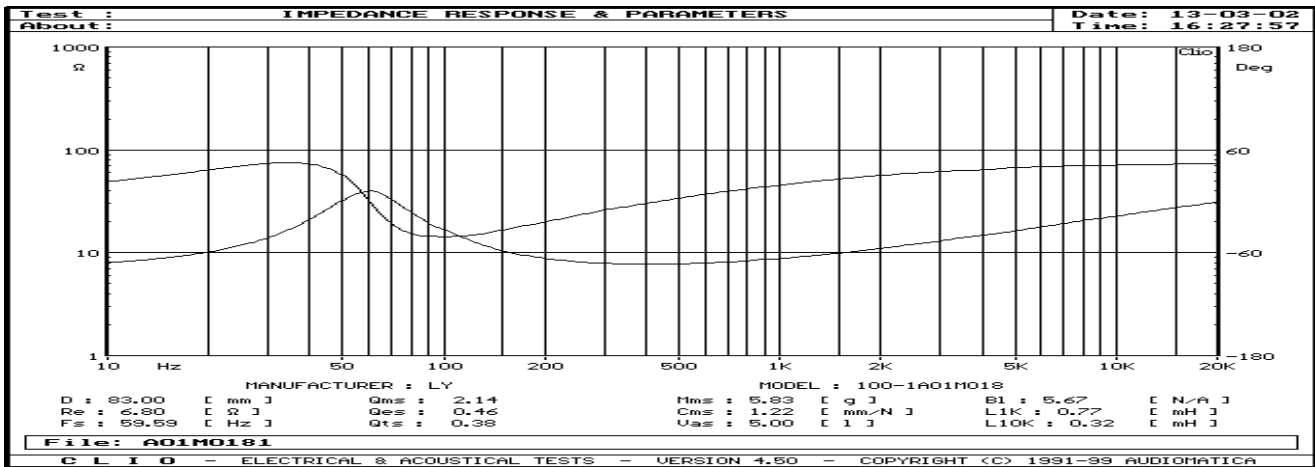
CUSTOMERS NO.: JOB NO.:

DATE: 2002/03/14

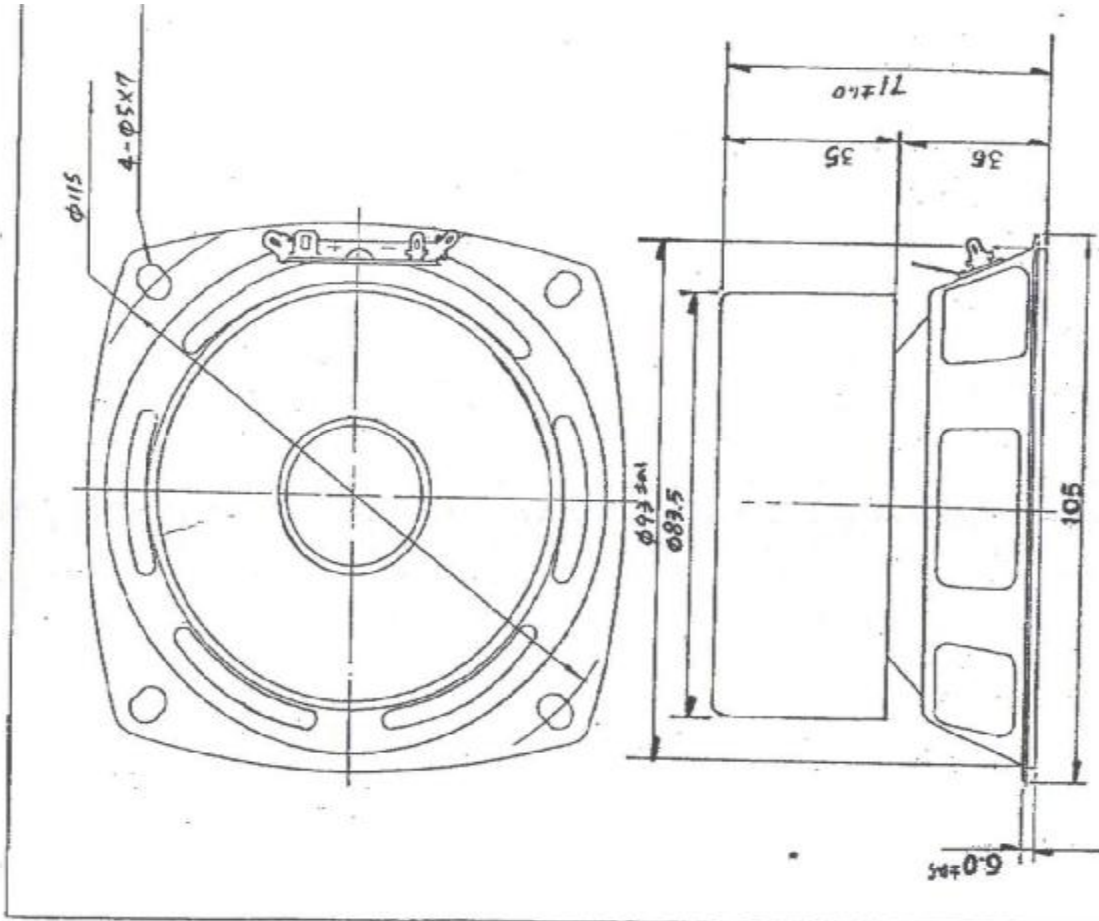
<b>ITEMS:</b>	<b>SPECIFICATION:</b>	<b>VOICE COIL:</b>
Dimensions	105mm (4")	Diameter 25.4 (mm)
Impedance	8ohms	Length 9.1 (mm)
Input	RATED MAX 30W	Layer 2 (mm)
Free air resonance	60 ±12Hz	Former material Aluminum
Sensitivity	86 ± 2dB/W/M, 2.83V	Wire material Copper
Frequency range	Fo~ 17000Hz	<b>MAGNET:</b> (1) (2)
Sine wave test	6.3V	Diameter 72 70 (mm)
Weight	890grams	Height 15 10 (mm)
Life test	15w, 8H , EIA white noise	Weight 245 152 (g)
		Gap(H) 4 (mm)

**PARAMETERS:**

DC resistance	Re: 6.8 (Ω)	Moving mass	Mms: 5.83 (g)
Resonance frequency	Fs: 59.59 (Hz)	Equivalent volume	Vas: 5.0 (l)
Maximum impedance	Zm: 38.4 (Ω)	Sensitivity	SPL: 86.26 (dB)
Mechanical Q factor	Qms: 2.41	Suspension compliance	Cms: 1.22 (mm/N)
Electrical Q factor	Qes: 0.46	BL product	Bl: 5.67 (N/A)
Total Q factor	Qts: 0.38	Driver piston diameter	D: 83 (mm)
Linear Displacement	Xmax: 2.55 (mm)	Voice Coil Inductance	Le: 0.77 (mH)



DESIGN	CHARGE	HEAD	MANAGER
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ISSUE	REVISED	DATE	NAME	MATERIAL	SCALE	QUANTITY
				FINISH	TOLERANCE ANGLE	
					$\pm$	$\pm$
				TITLE	4" SPEAKER	
				製圖者		
1	初版發行	94.11.04	郭		55-1853	

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