



CAT 378

Classic Advanced Tweeter, Ø 94mm, 8Ω

Features:

- * 94mm horn-loading face plate
- * Large Hexatech™ aluminum voice coil
- * Replaceable Acuflex™ dome / coil assembly
- * High sensitivity
- * High power handling
- * Sturdy gold plated input tags



SPECIFICATIONS

General Data

Overall Dimensions	DxH	94mm(3.70")x59mm(2.32")
Nominal Power Handling (DIN)	P	200W
Transient Power 10ms		1000W
Sensitivity 2.83V/1M		93dB SPL
Frequency Response		See graph
Dome Material		Acuflex™ hand coated soft dome
Net Weight	Kg	0.555

Electrical Data

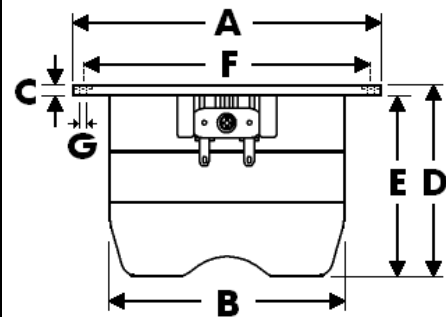
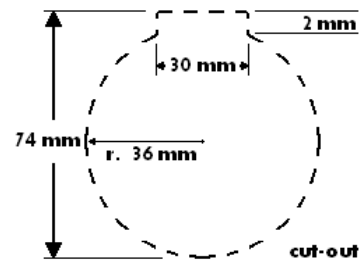
Nominal Impedance	Z	8Ω
DC Resistance	Re	5.2Ω
Voice Coil Inductance @ 1KHz	LBM	0.09mH

Voice Coil and Magnet Parameters

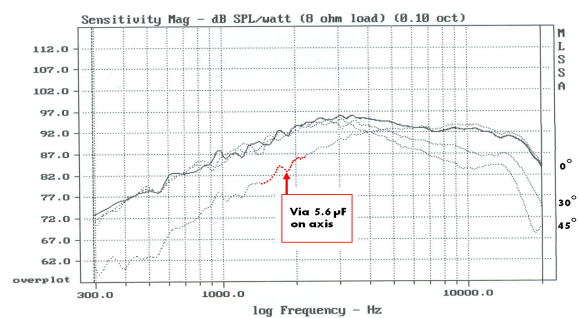
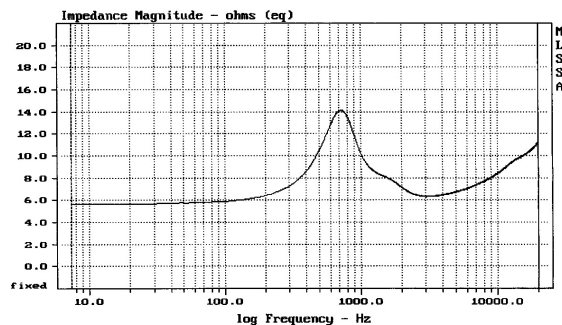
Voice Coil Diameter	DIA	28mm
Voice Coil Height		2.7mm
HE Magnetic Gap Height	HE	2.5mm
Max. Linear Excursion	X	
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Ferrite vented
B Flux Density	B	1.5 T
BL Product	BXL	3.5 N.A

T-S Parameters

Suspension Compliance	Cms	
Mechanical Q Factor	Qms	
Electrical Q Factor	Qes	
Total Q Factor	Qts	
Mechanical Resistance	Rms	
Moving Mass	Mms	0.44 g
Eq. Cas Air Load (liters)	VAS	
Resonant Frequency	Fs	700 Hz
Effective Piston Area	SD	6.0 cm ²



A - Overall diameter	94mm
B - Magnet/Chamber diameter	72mm
C - Flange thickness	4mm
D - Overall height	59mm
E - Magnet/Chamber depth	55mm
F - Mounting holes location diameter	86mm
G - 3 Mounting holes, at 120° interval, inner hole diameter	Ø 3.7mm
pocket	h 1mm, Ø 8mm



Measured on IEC baffle using Bruel & Kjaer 3144 model microphone.

Morel operate policy of continuous product design improvement, consequently specifications are subject to alteration without prior notice.