



EW 428

Elite Woofer,
 Ø 4", Ø 2.1" voicecoil, 8Ω



SPECIFICATIONS

General Data

Overall Dimensions	DxH	118.5mm(4.66")x56mm(2.20")
Nominal Power Handling (DIN)	P	150W
Transient Power 10ms		800W
Sensitivity 2.83V/1M		87dB SPL
Frequency Response		See graph
Cone Material		Damped Polymer Composite
Net Weight	Kg	0.518

Electrical Data

Nominal Impedance	Z	8Ω
DC Resistance	Re	6.3Ω
Voice Coil Inductance @ 1KHz	LBM	0.44mH

Voice Coil and Magnet Parameters

Voice Coil Diameter	DIA	54mm
Voice Coil Height		14mm
HE Magnetic Gap Height	HE	5mm
Max. Linear Excursion	X	± 4.5mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Neodymium vented
B Flux Density	B	0.94 T
BL Product	BXL	6.1 N.A

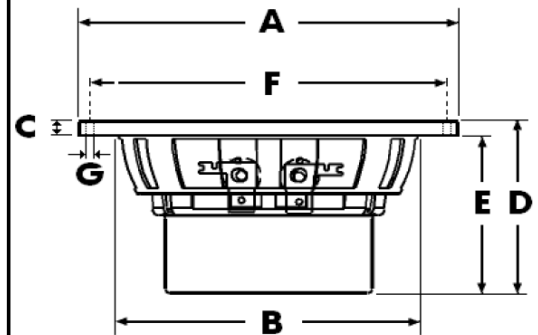
T-S Parameters

Suspension Compliance	Cms	1.046 mm/N
Mechanical Q Factor	Qms	2.36
Electrical Q Factor	Qes	0.41
Total Q Factor	Qts	0.35
Mechanical Resistance	Rms	1.02 Kg/s
Moving Mass	Mms	6.16 g
Eq. Cas Air Load (liters)	VAS	4.7 Lt
Resonant Frequency	Fs	62 Hz
Effective Piston Area	SD	57 cm ²

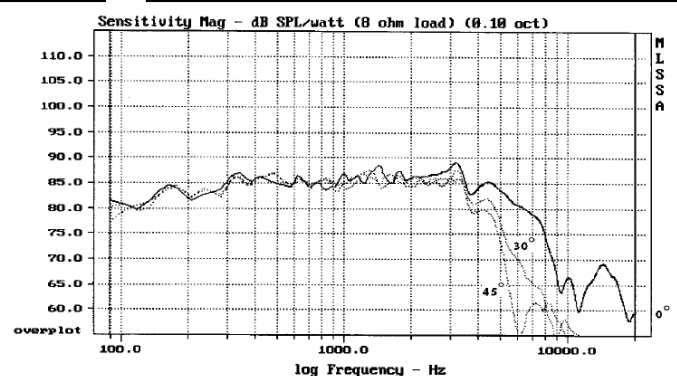
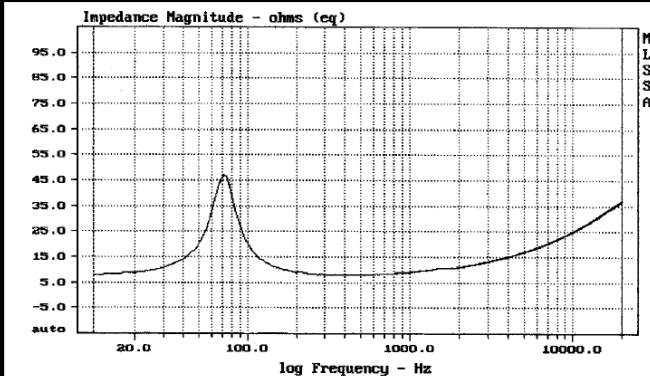
FEATURES

- * Uniflow™ steel chassis
- * Neodymium magnet system
- * 2.1" Large Hexatech™ Aluminum voice coil
- * High power handling
- * Shallow profile D.P.C cone
- * High linear excursion

Unit Dimensions



- A** - Overall diameter 118.5mm
- B** - Cut out diameter 94mm
- C** - Flange thickness 5mm
- D** - Overall height 56mm
- E** - Basket + magnet depth 51mm
- F** - Mounting holes location diameter 110mm
- G** - 4 Mounting holes, at 90° interval, inner hole diameter Ø 3mm



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.