EW 428

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

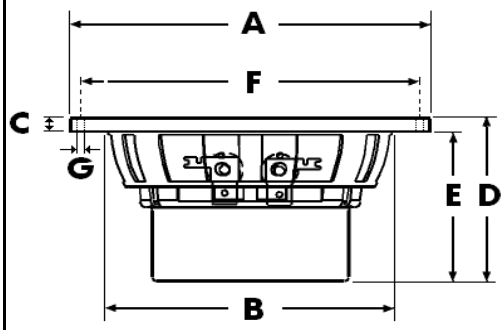
SPECIFICATIONS

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

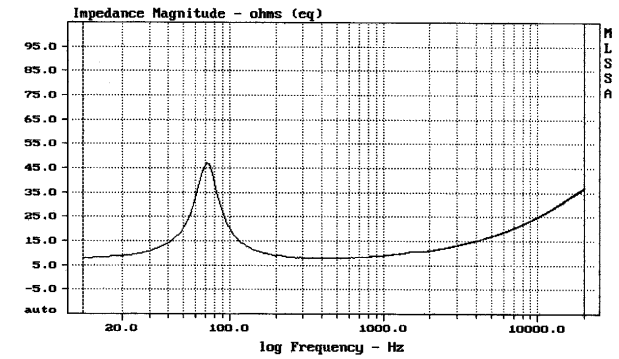
FEATURES

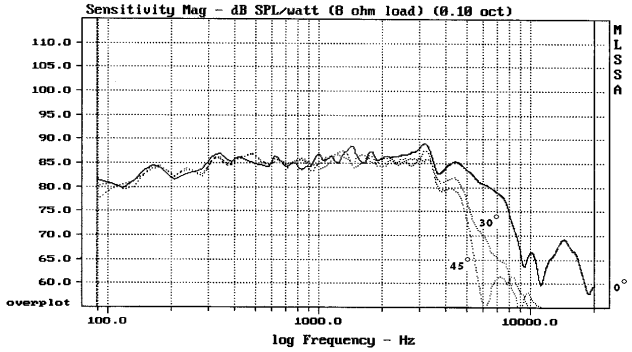
* Uniflow™ steel chassis
* Neodymium magnet system
* 2.1" Large Hexatech™ Aluminum voice coil
* High power handling
* Shallow profile D.P.C cone
* High linear excursion

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.