



# CAW 428

Classic Advanced Woofer,  
 Ø 4", Ø 2.1" voicecoil, 8Ω



## SPECIFICATIONS

### General Data

Overall Dimensions	<b>DxH</b>	118.5mm(4.66")x50mm(1.96")
Nominal Power Handling (DIN)	<b>P</b>	150W
Transient Power 10ms		800W
Sensitivity 2.83V/1M		88dB SPL
Frequency Response		See graph
Cone Material		Damped Polymer Composite
Net Weight	<b>Kg</b>	0.434

### Electrical Data

Nominal Impedance	<b>Z</b>	8Ω
DC Resistance	<b>Re</b>	5.5Ω
Voice Coil Inductance @ 1KHz	<b>LBM</b>	0.32mH

### Voice Coil and Magnet Parameters

Voice Coil Diameter	<b>DIA</b>	54mm
Voice Coil Height		12mm
HE Magnetic Gap Height	<b>HE</b>	4mm
Max. Linear Excursion	<b>X</b>	± 4mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Neodymium vented
B Flux Density	<b>B</b>	0.85 T
BL Product	<b>BXL</b>	5.0 N.A

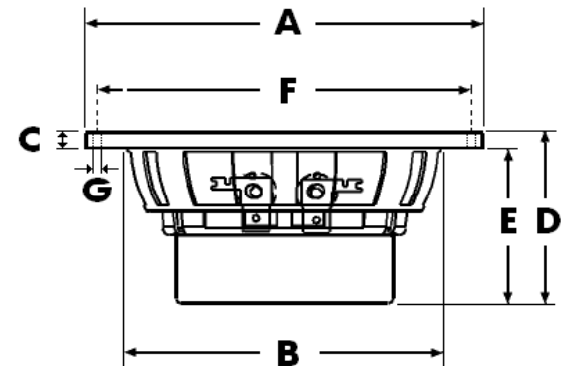
### T-S Parameters

		Small Signal	1 V
Suspension Compliance	<b>Cms</b>	1.007 mm/N	
Mechanical Q Factor	<b>Qms</b>	2.33	
Electrical Q Factor	<b>Qes</b>	0.46	
Total Q Factor	<b>Qts</b>	0.38	
Mechanical Resistance	<b>Rms</b>	0.91 Kg/s	
Moving Mass	<b>Mms</b>	4.55 g	
Eq. Cas Air Load (liters)	<b>VAS</b>	4.5 Lt	
Resonant Frequency	<b>Fs</b>	74 Hz	
Effective Piston Area	<b>SD</b>	57 cm <sup>2</sup>	

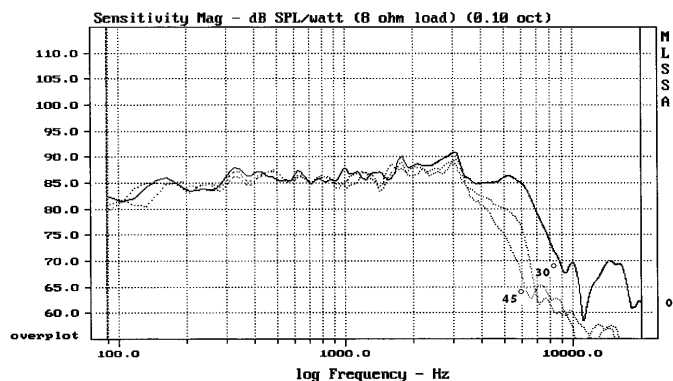
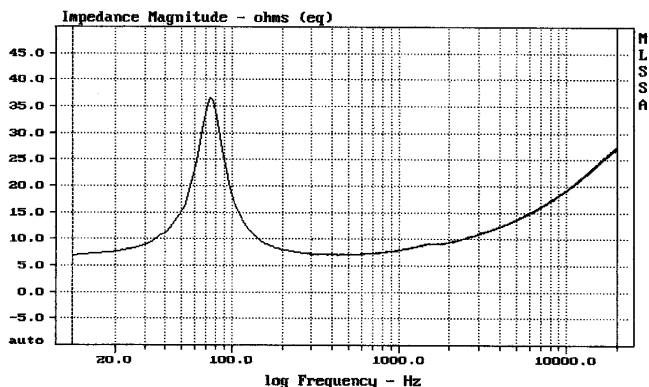
### FEATURES

- \* 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	50mm
E - Basket + magnet depth	45mm
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.