



ECW 536

Elite Coppersleeve Woofer,
 Ø 5", Ø 3" voicecoil, 6Ω



SPECIFICATIONS

General Data

Overall Dimensions	DxH	143mm(5.63")x65mm(2.55")
Nominal Power Handling (DIN)	P	150W
Transient Power 10ms		1000W
Sensitivity 2.83V/1M		86dB SPL
Frequency Response		See graph
Cone Material		Damped Polymer Composite
Net Weight	Kg	1.12

Electrical Data

Nominal Impedance	Z	6Ω
DC Resistance	Re	4.5Ω
Voice Coil Inductance @ 1KHz	LBM	0.28mH

Voice Coil and Magnet Parameters

Voice Coil Diameter	DIA	75mm
Voice Coil Height		16mm
HE Magnetic Gap Height	HE	5mm
Max. Linear Excursion	X	± 5.5mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Hybrid™ Neodymium/Ferrite
B Flux Density	B	0.87 T
BL Product	BXL	6.83 N.A

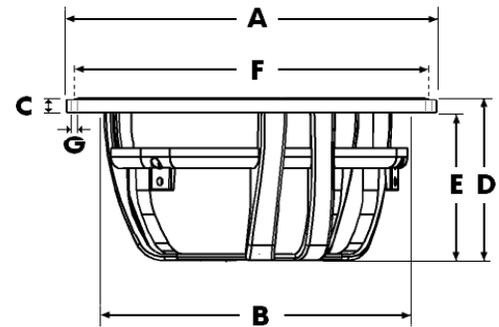
T-S Parameters

		Small Signal	1 V
Suspension Compliance	Cms	0.861 mm/N	
Mechanical Q Factor	Qms	1.55	
Electrical Q Factor	Qes	0.39	
Total Q Factor	Qts	0.31	
Mechanical Resistance	Rms	2.66 Kg/s	
Moving Mass	Mms	14.8 g	
Eq. Cas Air Load (liters)	VAS	11 Lt	
Resonant Frequency	Fs	45 Hz	
Effective Piston Area	SD	88 cm ²	

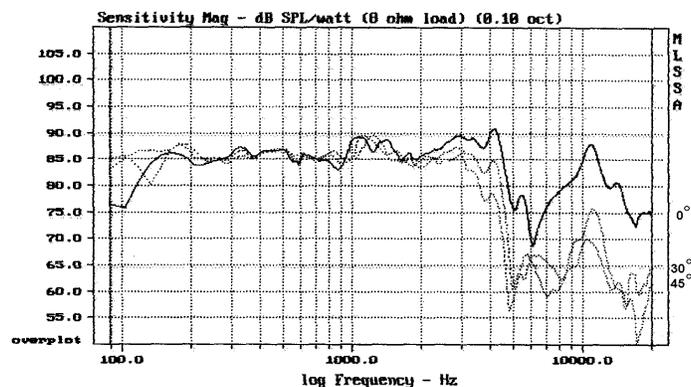
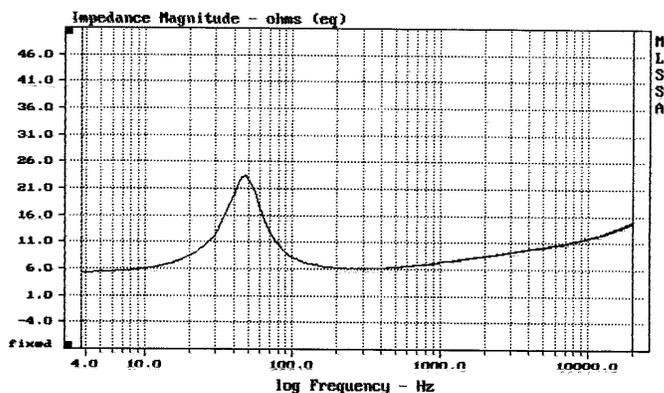
FEATURES

- * Uniflow™ Aluminum diecast chassis
- * Hybrid™ Neodymium/Ferrite magnet system
- * Copper insulated center pole
- * 3" Large Hexatech™ Aluminum voice coil
- * High power handling
- * High Xmax, Low Qts, Low Fs

Unit Dimensions



A - Overall diameter	143mm
B - Cut out diameter	121mm
C - Flange thickness	5mm
D - Overall height	65mm
E - Basket depth	60mm
F - Mounting holes location diameter	135mm
G - 6 Mounting holes, at 60° interval, inner hole diameter	Ø 4.2mm



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.