



SCW 636

Supreme Coppersleeve Woofer,
 Ø 6", Ø 3" voicecoil, 6Ω



SPECIFICATIONS

General Data		
Overall Dimensions	DxH	160mm(6.3")x69mm(2.71")
Nominal Power Handling (DIN)	P	150W
Transient Power 10ms		1000W
Sensitivity 2.83V/1M		87dB SPL
Frequency Response		See graph
Cone Material		Carbon/Rohacell sandwich
Net Weight	Kg	1.26

Electrical Data		
Nominal Impedance	Z	6Ω
DC Resistance	Re	4.5Ω
Voice Coil Inductance @ 1KHz	LBM	0.29mH

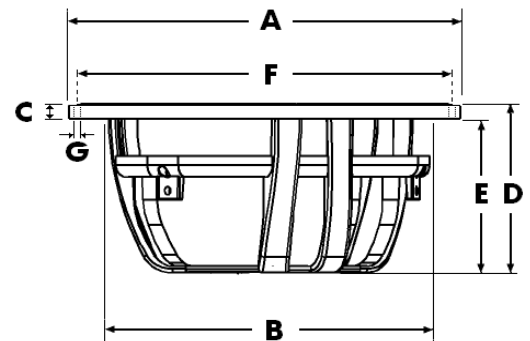
Voice Coil and Magnet Parameters		
Voice Coil Diameter	DIA	75mm
Voice Coil Height		16mm
HE Magnetic Gap Height	HE	6mm
Max. Linear Excursion	X	± 5mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Hybrid™ Neodymium/Ferrite
B Flux Density	B	0.98 T
BL Product	BXL	7.2 N.A

T-S Parameters	Small Signal	1 V
Suspension Compliance	Cms	0.969mm/N
Mechanical Q Factor	Qms	1.76
Electrical Q Factor	Qes	0.35
Total Q Factor	Qts	0.29
Mechanical Resistance	Rms	2.31 Kg/s
Moving Mass	Mms	16 g
Eq. Cas Air Load (liters)	VAS	18.5 Lt
Resonant Frequency	Fs	40 Hz
Effective Piston Area	SD	119 cm ²

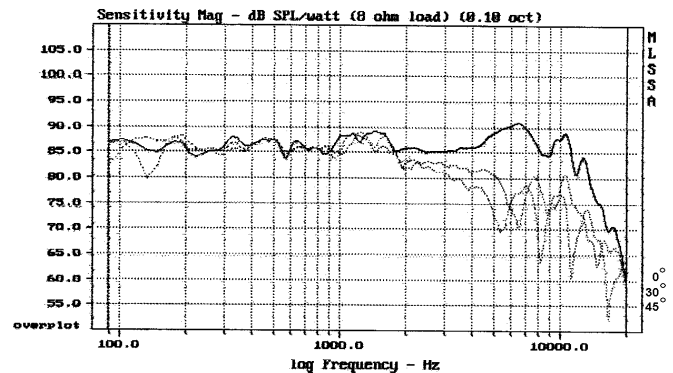
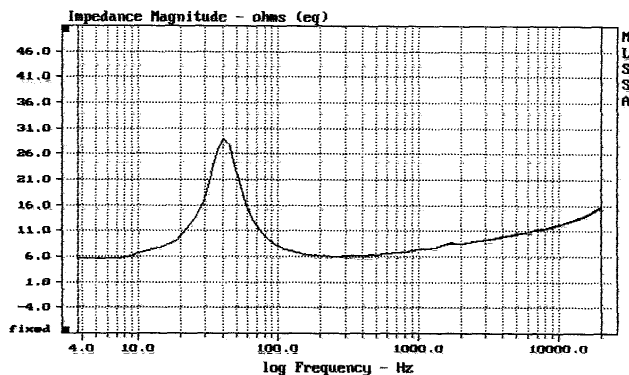
FEATURES

- * Carbon fiber/Rohacell/Carbon fiber composite sandwich cone
- * Uniflow™ Aluminum diecast chassis
- * Hybrid™ Neodymium/Ferrite magnet
- * 3" Large Hexatech™ Aluminum voice coil
- * Copper insulated center pole
- * High power handling

Unit Dimensions



A - Overall diameter	160mm
B - Cut out diameter	140mm
C - Flange thickness	6mm
D - Overall height	69mm
E - Basket depth	63mm
F - Mounting holes location diameter	152mm
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.