



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

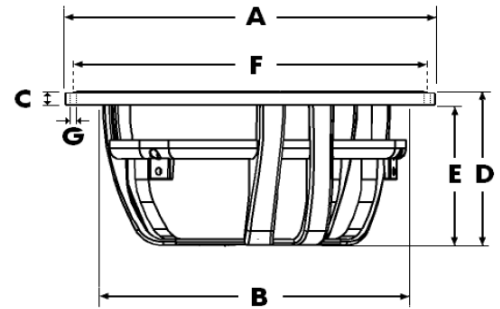
T-S Parameters

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

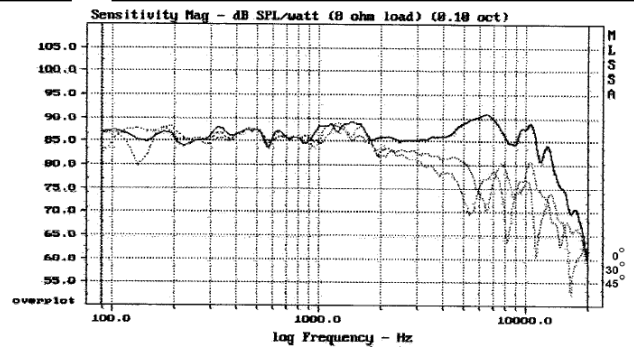
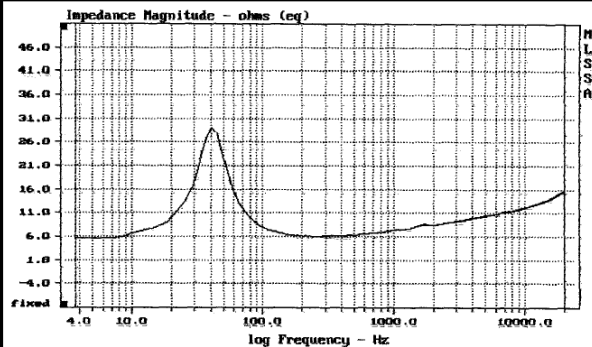
FEATURES

- * 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.