



# SCM 634

Supreme Coppersleeve Midrange,  
 Ø 6", Ø 3" underhung voicecoil, 4Ω



## SPECIFICATIONS

### General Data

Overall Dimensions	<b>DxH</b>	160mm(6.3")x69mm(2.71")
Nominal Power Handling (DIN)	<b>P</b>	150W
Transient Power 10ms		1,000W
Sensitivity 2.83V/1M		89dB SPL
Frequency Response		See graph
Cone Material		Carbon/Rohacell sandwich
Net Weight	<b>Kg</b>	1.42

### Electrical Data

Nominal Impedance	<b>Z</b>	4Ω
DC Resistance	<b>Re</b>	3.3Ω
Voice Coil Inductance @ 1KHz	<b>LBM</b>	0.12mH

### Voice Coil and Magnet Parameters

Voice Coil Diameter	<b>DIA</b>	75mm
Voice Coil Height		5.5mm
HE Magnetic Gap Height	<b>HE</b>	16mm
Max. Linear Excursion	<b>X</b>	± 5.25mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Hybrid™ Neodymium/Ferrite
B Flux Density	<b>B</b>	0.69 T
BL Product	<b>BXL</b>	4.9 N.A

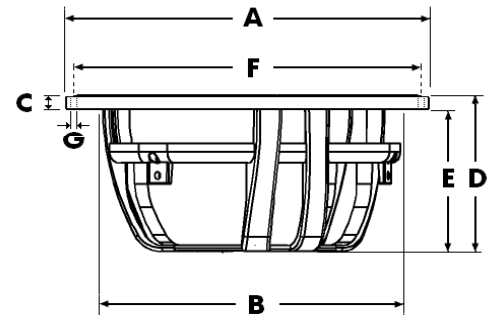
### T-S Parameters

Suspension Compliance	<b>Cms</b>	0.733mm/N
Mechanical Q Factor	<b>Qms</b>	1.32
Electrical Q Factor	<b>Qes</b>	0.59
Total Q Factor	<b>Qts</b>	0.4
Mechanical Resistance	<b>Rms</b>	3.36 Kg/s
Moving Mass	<b>Mms</b>	14.5 g
Eq. Cas Air Load (liters)	<b>VAS</b>	14 Lt
Resonant Frequency	<b>Fs</b>	49 Hz
Effective Piston Area	<b>SD</b>	119 cm <sup>2</sup>

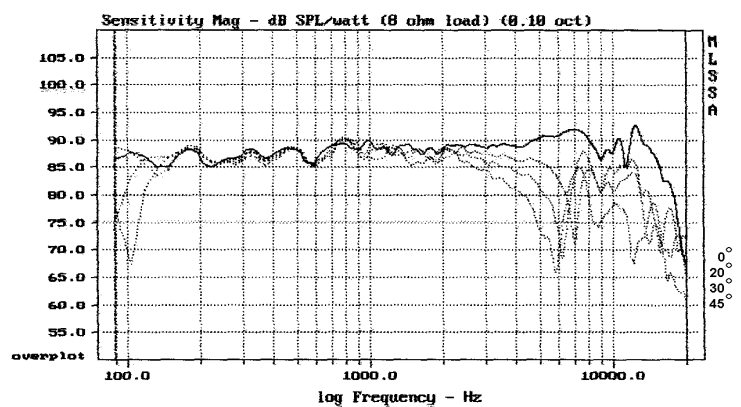
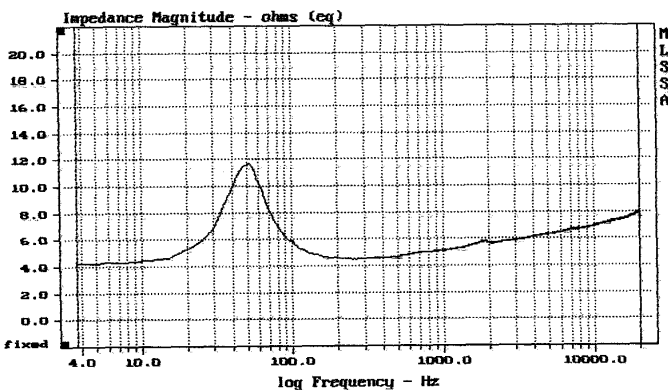
### Features

- \* Carbon fiber/Rohacell/Carbon fiber composite sandwich cone
- \* 3" Large Hexatech™ Aluminum underhung VC
- \* Hybrid™ Neodymium/Ferrite magnet
- \* Uniflow™ Aluminum diecast chassis
- \* High power handling
- \* Wide range operation

### 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.