



SCM 634

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



SPECIFICATIONS

General Data

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

Electrical Data

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

Voice Coil and Magnet Parameters

Voice Coil Diameter	DIA	75mm
Voice Coil Height		5.5mm
HE Magnetic Gap Height	HE	16mm
Max. Linear Excursion	X	± 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	0.69 T
BL Product	BXL	4.9 N.A

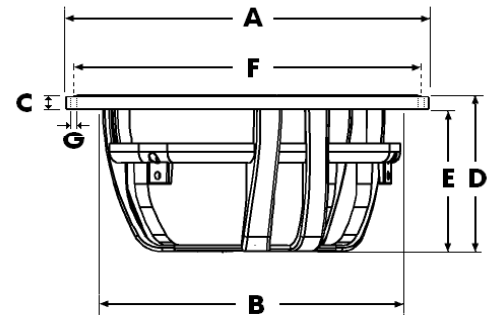
T-S Parameters

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

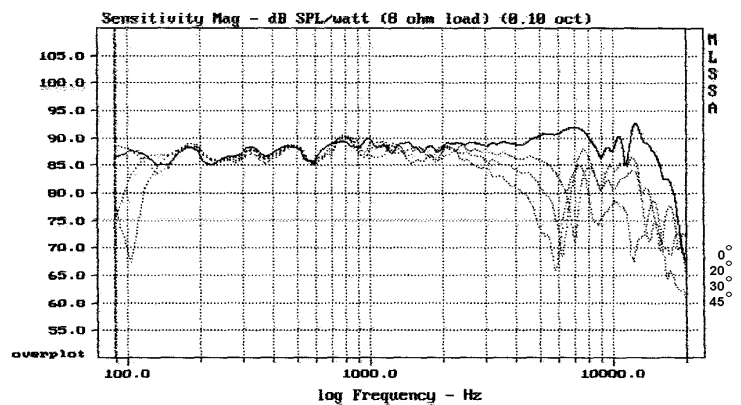
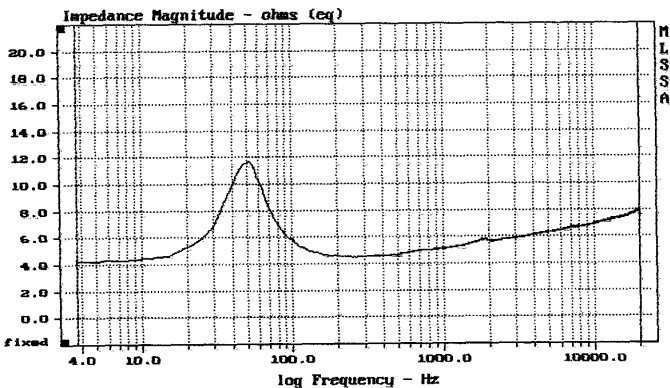
Features

- * 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.