



MW 168

6" woofer



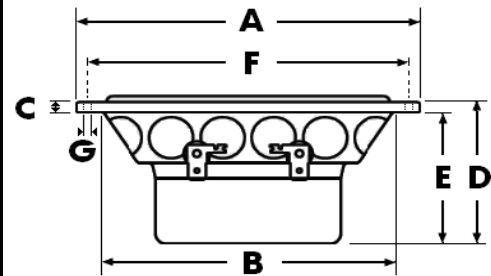
SPECIFICATIONS

General Data		
Overall Dimensions	DxH	160mm(6.3")x67mm(2.63")
Nominal Power Handling (DIN)	P	150W
Transient Power 10ms		1,000W
Sensitivity 2.83V/1M		86 dB SPL
Frequency Response		See graph
Cone Material		Damped Polymer Composite
Net Weight	Kg	1.1
Electrical Data		
Nominal Impedance	Z	8Ω
DC Resistance	Re	5.2Ω
Voice Coil Inductance @ 1KHz	LBM	0.54mH
Voice Coil and Magnet Parameters		
Voice Coil Diameter	DIA	75mm
Voice Coil Height		12mm
HE Magnetic Gap Height	HE	5mm
Max. Linear Excursion	X	± 3.5mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		High flux double ferrite vented
B Flux Density	B	0.72 T
BL Product	BXL	6.4 N.A
T-S Parameters		
Suspension Compliance	Cms	0.99 mm/N
Mechanical Q Factor	Qms	1.39
Electrical Q Factor	Qes	0.51
Total Q Factor	Qts	0.37
Mechanical Resistance	Rms	2.91 Kg/s
Moving Mass	Mms	16.5 g
Eq. Cas Air Load (liters)	VAS	19.5 Lt
Resonant Frequency	Fs	39 Hz
Effective Piston Area	SD	119 cm ²

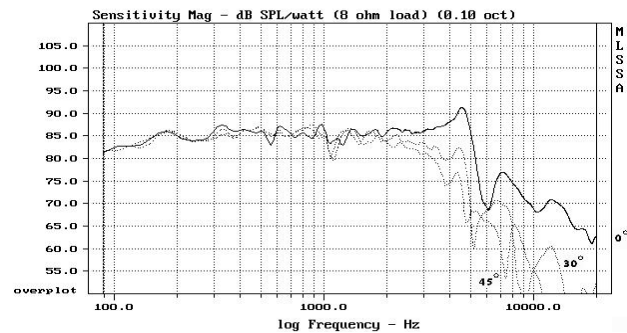
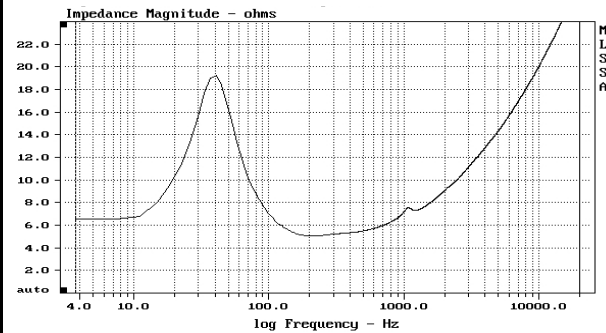
FEATURES

- * High flux double ferrite vented magnet
- * 3" Hexatech™ Aluminum voice coil
- * High power handling
- * Shallow profile D.P.C cone

Unit Dimensions



- A** - Overall diameter 160mm
- B** - Cut out diameter 136mm
- C** - Flange thickness 6mm
- D** - Overall height 67mm
- E** - Basket/Magnet depth 61mm
- F** - Mounting holes location diameter 152mm
- G** - 4 Mounting holes, at 90° interval, hole diameter Ø 4.2mm



Impedance measured at 1Volt Signal. Please note that 1V measurement results are identical to small signal measurement, due to the equal ratio between different parameters in both measuring methods.

For correct readings, measurement should be conducted after a sufficient run-in period, at minimum temperature of 21° C (69.8° F), for both drive unit and measurement environment. Measured on IEC baffle using Bruel & Kjaer 3144 model microphone.

Morel operates policy of continuous product design improvement, consequently specifications are subject to alteration without prior notice.