



# MSW-168

**Slim 6" Woofer**

**Ø 6", Ø 3" voicecoil, 8Ω**

## SPECIFICATIONS

General Data		
Overall Dimensions	<b>DxH</b>	Ø160mm(6.3") x 56mm(2.20")
Nominal Power Handling (DIN)	<b>P</b>	150W
Transient Power 10ms		1,000W
Sensitivity 1W/1M		87 dB
Frequency Response		See graph
Cone Material		Damped Polymer Composite
Net Weight	<b>Kg</b>	0.68

Electrical Data		
Nominal Impedance	<b>Z</b>	8 Ω
DC Resistance	<b>Re</b>	5.2 Ω
Voice Coil Inductance	<b>LBM</b>	0.40 mH @ 1KHz

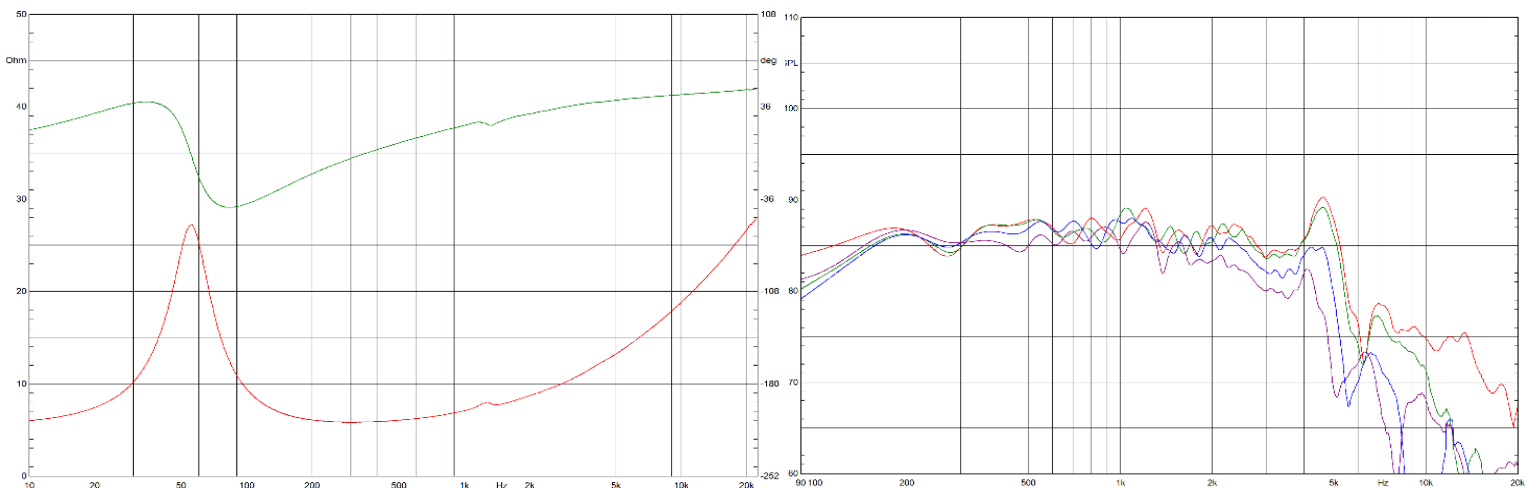
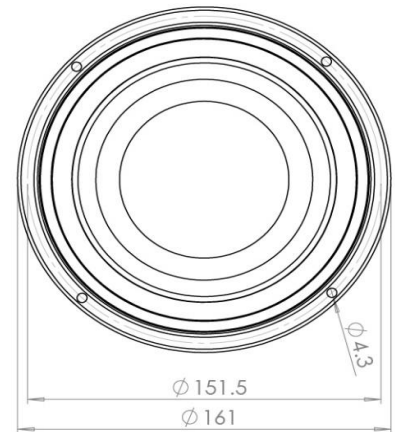
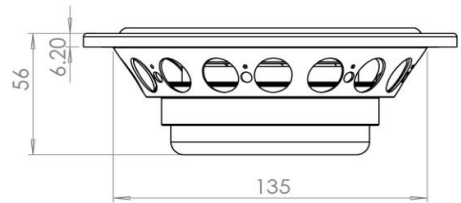
Voice Coil and Magnet Parameters		
Voice Coil Diameter	<b>DIA</b>	3" (75mm)
Voice Coil Height		12
HE Magnetic Gap Height	<b>HE</b>	5
Max. Linear Excursion	<b>X</b>	±3.5 mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Neodymium
B Flux Density	<b>B</b>	0.68T
BL Product	<b>BXL</b>	6.11 N.A

T-S Parameters <b>1 V</b>		
Suspension Compliance	<b>Cms</b>	0.64 mm/N
Mechanical Q Factor	<b>Qms</b>	2.59
Electrical Q Factor	<b>Qes</b>	0.62
Total Q Factor	<b>Qts</b>	0.50
Mechanical Resistance	<b>Rms</b>	1.69
Moving Mass	<b>Mms</b>	12.62 gr
Eq. Cas Air Load (liters)	<b>VAS</b>	13.61 L
Resonant Frequency	<b>Fs</b>	55.66 Hz
Effective Piston Area	<b>SD</b>	122 cm <sup>2</sup>

## Features

- \* Shallow mount
- \* Large Hexatech aluminum voice coil
- \* High power handling
- \* Shallow profile cone

## Unit Dimensions



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.