



TiW 638Ft

Titanium Advanced Woofer

Ø 6", Ø 3" voice coil, 8Ω



SPECIFICATIONS

General Data		
Overall Dimensions	DxH	160mm (6.3") x 69mm (2.71")
Nominal Power Handling (DIN)	P	150W
Transient Power 10ms		1000W
Sensitivity 2.83V/1M		86dB
Frequency Response		See graph
Cone Material		Damped Polymer Composite
Net Weight	Kg	1.2 Kg

Electrical Data		
Nominal Impedance	Z	8Ω
DC Resistance	Re	5.40Ω
Voice Coil Inductance @ 1KHz	LBM	0.63 mH

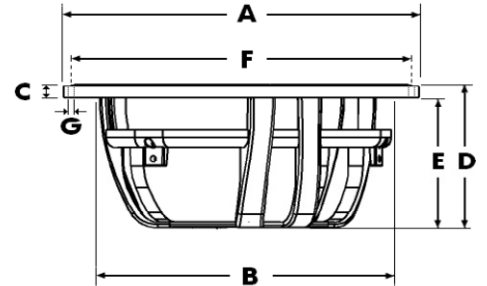
Voice Coil and Magnet Parameters		
Voice Coil Diameter	DIA	75 mm (3")
Voice Coil Height		14.5 mm (0.62")
HE Magnetic Gap Height	HE	6 mm (0.20")
Max. Linear Excursion	X	± 4.25mm
Voice Coil bobbin		Titanium
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Double Magnet Ferrite
B Flux Density	B	0.66 T
BL Product	BXL	7.3 N.A

T-S Parameters	Small Signal	1 V
Suspension Compliance	Cms 0.998 mm/N	1.308 mm/N
Mechanical Q Factor	Qms 3.96	4.63
Electrical Q Factor	Qes 0.47	0.5
Total Q Factor	Qts 0.42	0.45
Mechanical Resistance	Rms 1.005 Ωm	0.743 Ωm
Moving Mass	Mms 15.5 gr	
Eq. Cas Air Load (liters)	VAS 19.7 Lt.	25.8 Lt.
Resonant Frequency	Fs 40 Hz	35 Hz
Effective Piston Area	SD 119 cm ²	

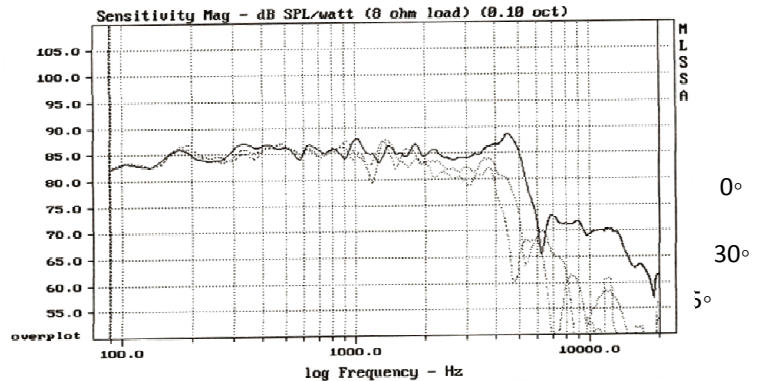
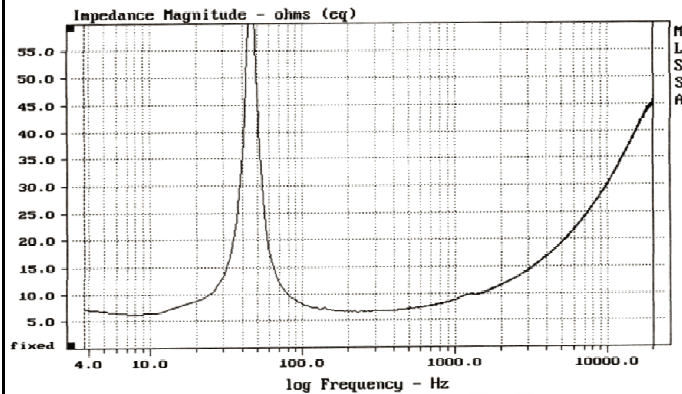
FEATURES

- * Uniflow™ Aluminum diecast chassis
- * Double Magnet Ferrite system
- * Titanium coil bobbin
- * 3" Large Hexatech™ Aluminum voice coil
- * High power handling
- * High Xmax, Low Qts, Low Fs, High QMS

Unit Dimentions



A - Overall diameter	160mm
B - Cut out diameter	140mm
C - Flange thickness	6mm
D - Overall height	69mm
E - Basket + magnet 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.