TiW 634Ft

Titanium Advanced Woofer

Ø 6", Ø 3" voicecoil, 4Ω

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		88dB
Frequency Response		See graph
Cone Material		Damped Polymer Composite
Net Weight	**Kg**	1.2 Kg

Electrical Data		
Nominal Impedance	**Z**	4Ω
DC Resistance	**Re**	3.6 Ω
Voice Coil Inductance @ 1KHz	**LBM**	0.45 mH

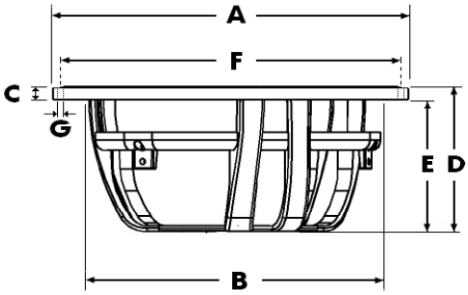
Voice Coil and Magnet Parameters		
Voice Coil Diameter	**DIA**	75 mm (3")
Voice Coil Height		14.5 mm (0.62")
HE Magnetic Gap Height	**HE**	6 mm (0.20")
Max. Linear Excursion	**X**	± 4.25mm
Voice Coil bobbin		Titanium
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Double Magnet Ferrite
B Flux Density	**B**	0.66 T
BL Product	**BXL**	5.6 N.A

T-S Parameters		Small Signal	1 V
Suspension Compliance	**Cms**	0.998 mm/N	1.273 mm/N
Mechanical Q Factor	**Qms**	4.3	4.5
Electrical Q Factor	**Qes**	0.43	0.43
Total Q Factor	**Qts**	0.39	0.39
Mechanical Resistance	**Rms**	0.923 Ωm	0.803 Ωm
Moving Mass	**Mms**	15.7 gr	
Eq. Cas Air Load (liters)	**VAS**	19.7 Lt.	26 Lt.
Resonant Frequency	**Fs**	40 Hz	34 Hz
Effective Piston Area	**SD**	119 cm ²	

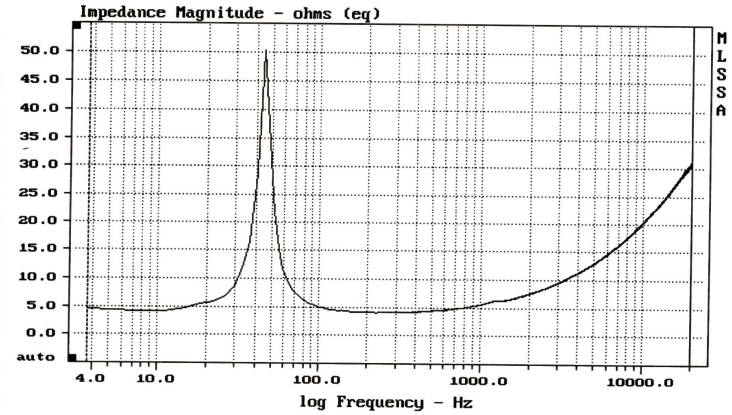
FEATURES

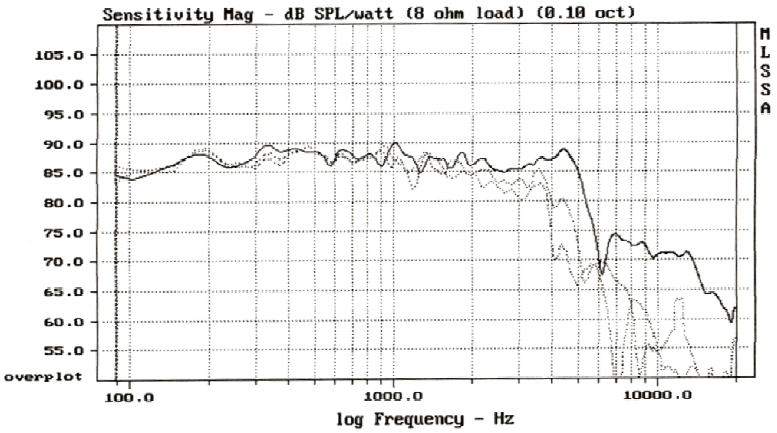
* Uniflow™ Aluminum diecast chassis
* Double magnet Ferrite system
* Titanium coil bobbin
* 3" Large Hexatech™ Aluminum voice coil
* High power handling
* High Xmax, Low Qts, Low Fs, High QMS

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 60º 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.