TiCW 1058Ft

Titanium Ultimate Woofer

Ø 10", Ø 5.1" voicecoil, 8Ω



SPECIFICATIONS

General Data		
Overall Dimensions	**DxH**	263mmx148.5mm(10.35"x5.84")
Nominal Power Handling (DIN)	**P**	600W
Transient Power 10ms		3,000W
Sensitivity 2.83V / 1M		87 dB SPL
Frequency Response		See graph
Cone Material		Composite cellular fiber
Net Weight	**Kg**	7.0 kg

Electrical Data		
Nominal Impedance	**Z**	8Ω
DC Resistance	**Re**	6.3Ω
Voice Coil Inductance @ 1KHz	**LBM**	0.52 mH

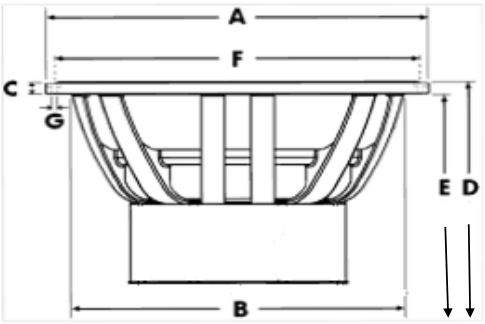
Voice Coil and Magnet Parameters		
Voice Coil Diameter	**DIA**	130 mm (5.1")
Voice Coil Height		33 mm (1.4")
HE Magnetic Gap Height	**HE**	12 mm (0.47")
Max. Linear Excursion	**X**	± 10.5mm (0.45")
Voice Coil bobbin		Titanium
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		High Flux Double Ferrite Vented
B Flux Density	**B**	0.62 T
BL Product	**BXL**	15.7 N.A

T-S Parameters		Small Signal	1v
Suspension Compliance	**Cms**		0.48 mm/N
Mechanical Q Factor	**Qms**		3.58
Electrical Q Factor	**Qes**		0.35
Total Q Factor	**Qts**		0.3
Mechanical Resistance	**Rms**		3.6 kg/s
Moving Mass	**Mms**		81.2 gr
Eq. Cas Air Load (liters)	**VAS**		82.0 Lt.
Resonant Frequency	**Fs**		25 Hz
Effective Piston Area	**SD**		343 cm ²

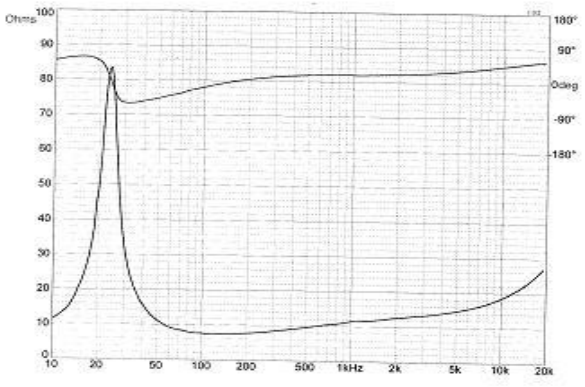
FEATURES

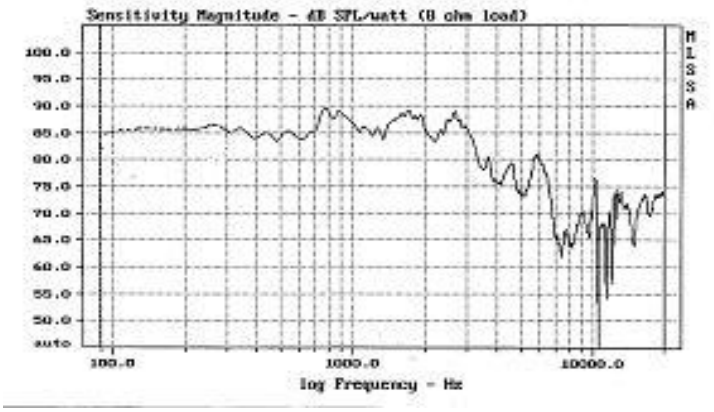
* Uniflow™ Aluminum diecast chassis
* High flux double Ferrite magnet system
* Coppersleeve Neolin™ Motor
* 5.1" Large Hexatech™ Aluminum voice coil
* Titanium coil bobbin
* One piece paper cone/center dome
* Accucenter™ self centering cone assembly

Unit Dimentions



A - Overall diameter	263mm
B - Cut out diameter	234mm
C - Flange thickness	6.5mm
D - Overall height	148.5mm
E - Basket/magnet depth	142mm
F - Mounting holes location diamete	253mm
G - 6 Mounting holes, at 60º interval, inner hole diameter	Ø 5mm





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.