TiCW 1258Ft

Titanium Ultimate Woofer

Ø 12", Ø 5.1" voicecoil, 8Ω

SPECIFICATIONS

General Data		
Overall Dimensions	**DxH**	305mmx146.3mm(12"x6.07")
Nominal Power Handling (DIN)	**P**	600W
Transient Power 10ms		3000W
Sensitivity 2.83V / 1M		88dB
Frequency Response		Ssee Graph
Cone Material		Composite cellular fiber
Net Weight	**Kg**	7.0Kg

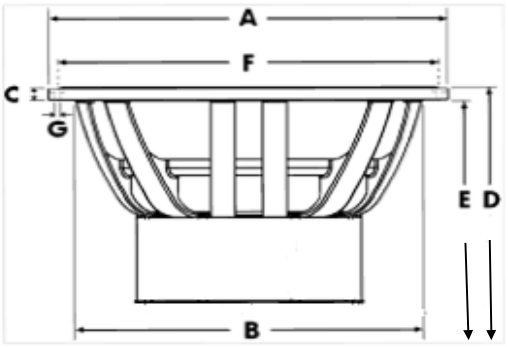
Electrical Data		
Nominal Impedance	**Z**	8.0 Ohm
DC Resistance	**Re**	7.2 Ohm
Voice Coil Inductance @ 1KHz	**LBM**	0.62mH

Voice Coil and Magnet Parameters		
Voice Coil Diameter	**DIA**	130 mm (5.1")
Voice Coil Height		33 mm (1.34")
HE Magnetic Gap Height	**HE**	12 mm (0.47")
Max. Linear Excursion	**X**	10.5 mm (0.41")
Voice Coil bobbin		Tiitanium
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		High Flux Double Ferrite Vented
B Flux Density	**B**	0.60T
BL Product	**BXL**	16.56 N.A

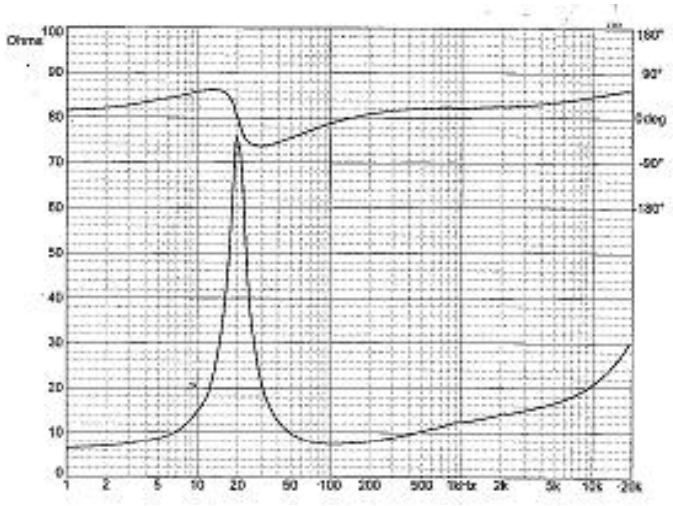
T-S Parameters			1v
Suspension Compliance	**Cms**		0.77 mm/N
Mechanical Q Factor	**Qms**		3.35
Electrical Q Factor	**Qes**		0.29
Total Q Factor	**Qts**		0.27
Mechanical Resistance	**Rms**		3.39 kg/s
Moving Mass	**Mms**		101gr
Eq. Cas Air Load (liters)	**VAS**		191 Lt.
Resonant Frequency	**Fs**		18 Hz
Effective Piston Area	**SD**		415 cm ²

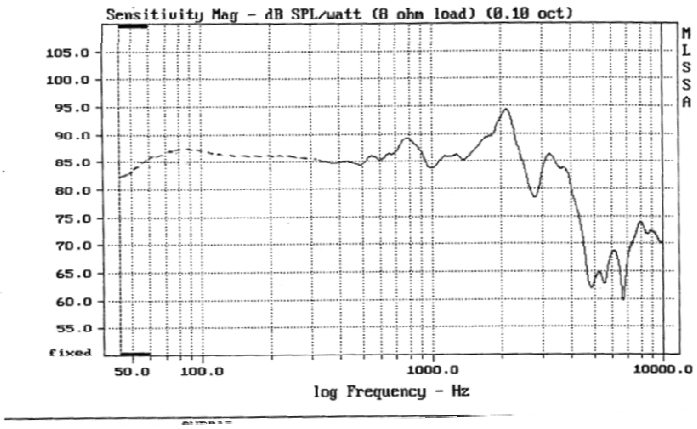
FEATURES

* 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



A - Overall diameter	305 mm (12.0")
B - Cut out diameter	270 mm (10.6")
C - Flange thickness	6.3 mm (0.24")
D - Overall height	150 mm (5.9")
E - Basket/magnet depth	143 mm (5.62")
F - Mounting holes location diameter	292 mm(11.4")
G - 6 Mounting holes, at 60º interval, inner hole diameter	Ø 6mm (0.23")





Measured on IEC baffle using Bruel & Kjaer 3144 model microphone.

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