



NEW



TSCW 938

Titanium Supreme Coppersleeve

Ø9", Ø 3" voicecoil, 8Ω

SPECIFICATIONS

General Data

Overall Dimensions	DxH	222mm(8.74")x76mm(2.99")
Nominal Power Handling (DIN)	P	180W
Transient Power 10ms		1000W
Sensitivity 2.83V/1M		89 dB
Frequency Response		See graph
Cone Material		Carbon/Rohacell sandwich
Net Weight	Kg	1.85

Electrical Data

Nominal Impedance	Z	8Ω
DC Resistance	Re	6.4Ω
Voice Coil Inductance @ 1KHz	LBM	0.36mH

Voice Coil and Magnet Parameters

Voice Coil Diameter	DIA	75mm
Voice Coil Height		18mm
HE Magnetic Gap Height	HE	6mm
Max. Linear Excursion	X	± 6mm
Voice Coil Former		Titanium
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Hybrid™ Neodymium/Ferrite
B Flux Density	B	1.0 T
BL Product	BXL	9.85 T.M

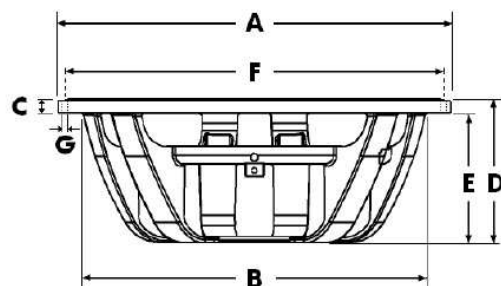
T-S Parameters

Suspension Compliance	Cms	0.97 mm/N
Mechanical Q Factor	Qms	6.3
Electrical Q Factor	Qes	0.38
Total Q Factor	Qts	0.36
Mechanical Resistance	Rms	0.92 Kg/s
Moving Mass	Mms	33.00 g
Eq. Cas Air Load (liters)	VAS	82.00 Lt
Resonant Frequency	Fs	29 Hz
Effective Piston Area	SD	249 cm ²

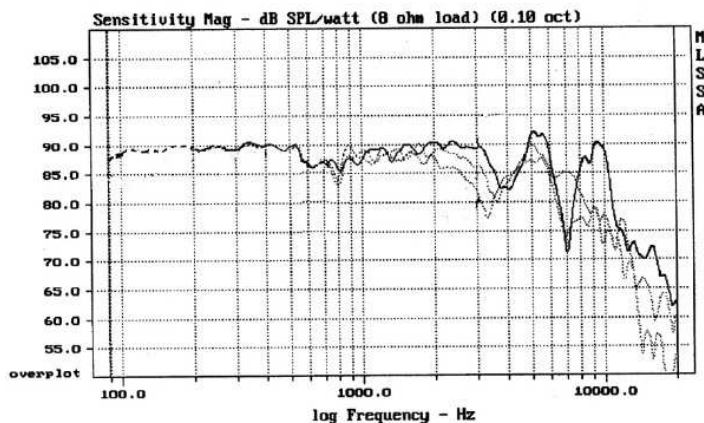
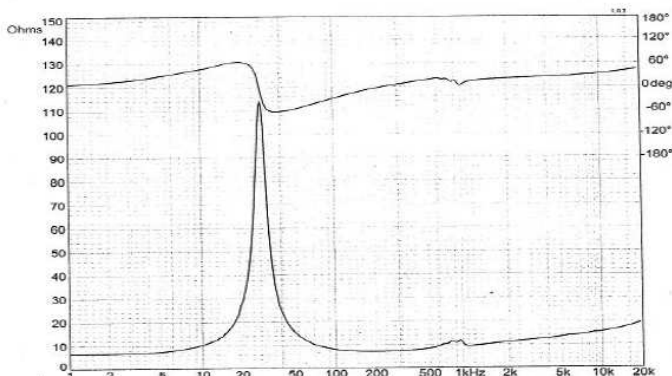
FEATURES

- * Carbon fiber/Rohacell/Carbon fiber composite sandwich cone
- * Uniflow™ Aluminum diecast chassis
- * Hybrid™ Neodymium/Ferrite magnet
- * Newly Designed Low Distortion Linear Motor
- * 3" Large Hexatech™ Aluminum voice coil
- * Neolin Copper Sleeve

Unit Dimensions



A - Overall diameter	222mm
B - Cut out diameter	198mm
C - Flange thickness	5mm
D - Overall height	76mm
E - Basket depth	71mm
F - Mounting holes location diameter	214mm
G - 8 Mounting holes, at 45° 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.