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TiCW 634Nd
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		injected Damped Polymer Composite
Net Weight	**Kg**	1.10 Kg

Electrical Data

Nominal Impedance	**Z**	4Ω
DC Resistance	**Re**	3.7Ω
Voice Coil Inductance @ 1KHz	**LBM**	0.29 mH

Voice Coil and Magnet Parameters

Voice Coil Diameter	**DIA**	75 mm (3")
Voice Coil Height		16 mm (0.62")
HE Magnetic Gap Height	**HE**	5 mm (0.20")
Max. Linear Excursion	**X**	± 5.5mm
Voice Coil bobbin		Titanium
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Hybrid™ Neodymium/Ferrite
B Flux Density	**B**	0.78 T
BL Product	**BXL**	6.6 T.m

T-S Parameters

		Small Signal	1 V
Suspension Compliance	**Cms**	0.988 mm/N	1.302 mm/N
Mechanical Q Factor	**Qms**	4.98	3.4
Electrical Q Factor	**Qes**	0.37	0.31
Total Q Factor	**Qts**	0.35	0.29
Mechanical Resistance	**Rms**	0.904Ωm	1.052 Ωm
Moving Mass	**Mms**	17.7 gr	17.7 gr
Eq. Cas Air Load (liters)	**VAS**	17.3 Lt	25.50 Lt
Resonant Frequency	**Fs**	40 Hz	34 Hz
Effective Piston Area	**SD**	119 cm²	119 cm²

## FEATURES

* Uniflow™ Aluminum diecast chassis
* Hybrid™ Neodymium/Ferrite magnet system
* Titanium coil bobbin
* 3" Large Hexatech™ Aluminum voice coil
* Coppersleeve Neolin™ Motor
* High power handling
* High Xmax, Low Qts, Low Fs, High QMS

Unit Dimentions
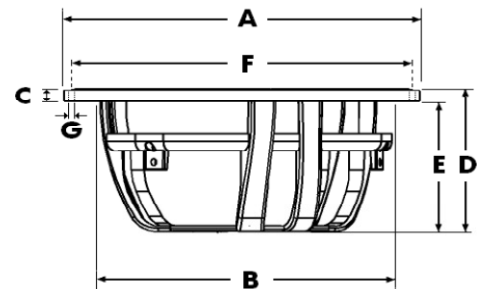
A - Overall diameter	160mm
B - Cut out diameter	140mm
C - Flange thickness	6mm
D - Overall height	69mm
E - Basket + magnet depth	63mm
F - Mounting holes location diameter	152mm
G - 6 Mounting holes, at 60º interval, inner hole diameter	Ø 4.2mm
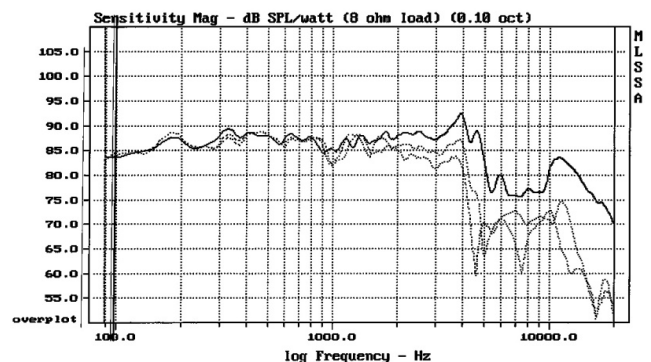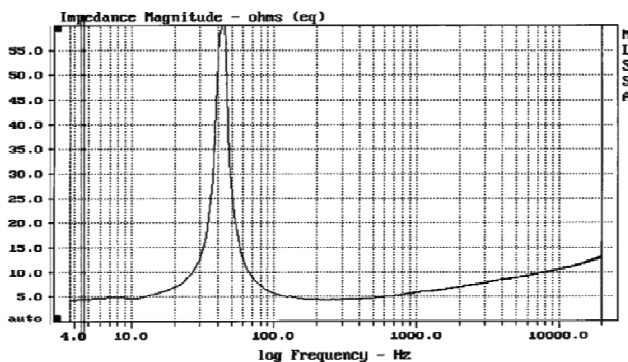
Measured on IEC baffle using Bruel & Kjaer 3144 model microphone.
Morel operate policy of continuous product design improvement, consequently specifications are subject to alteration without prior notice.