



EM-428D

Elite Midrange,

Ø 4", Ø 2.1" voicecoil, 8Ω

SPECIFICATIONS

General Data

Overall Dimensions	DxH	118.5mm(4.66")x45mm(1.77")
Nominal Power Handling (DIN)	P	150W
Transient Power 10ms		800W
Sensitivity 2.83V/1M		87.5 dB SPL
Frequency Response		See graph
Cone Material		Damped Polymer Composite
Net Weight	Kg	0.48

Electrical Data

Nominal Impedance	Z	8Ω
DC Resistance	Re	5.5Ω
Voice Coil Inductance @ 1KHz	LBM	0.33mH

Voice Coil and Magnet Parameters

Voice Coil Diameter	DIA	54mm
Voice Coil Height		12mm
HE Magnetic Gap Height	HE	4mm
Max. Linear Excursion	X	± 4mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Neodymium vented
B Flux Density	B	0.79 T
BL Product	BXL	5.95 N.A

T-S Parameters

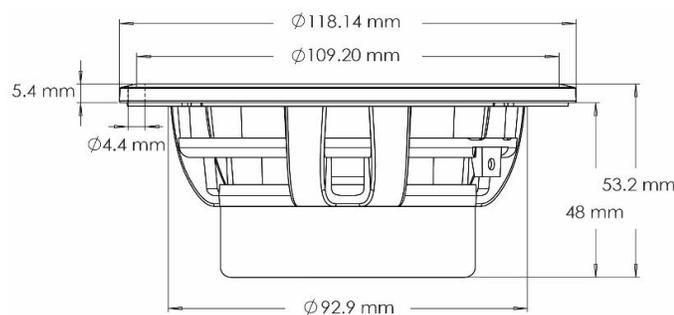
1 V

Suspension Compliance	Cms	0.9115 mm/N
Mechanical Q Factor	Qms	1.8091
Electrical Q Factor	Qes	0.395
Total Q Factor	Qts	0.33
Mechanical Resistance	Rms	1.4 Kg/s
Moving Mass	Mms	5.9 g
Eq. Cas Air Load (liters)	VAS	4.1 Lt
Resonant Frequency	Fs	69 Hz
Effective Piston Area	SD	57 cm ²

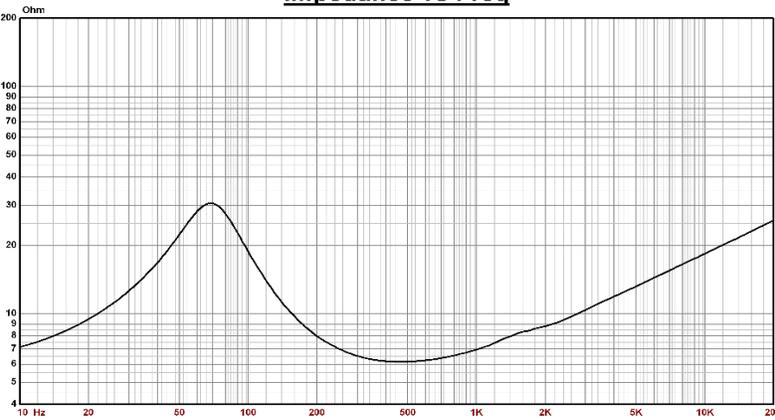
FEATURES

- * Uniflow Aluminium diecast chassis
- * Neodymium magnet system
- * 2.1" Large Hexatech™ Aluminum voice coil
- * High power handling
- * Shallow profile D.P.C cone
- * High linear excursion
- * Improved parameters

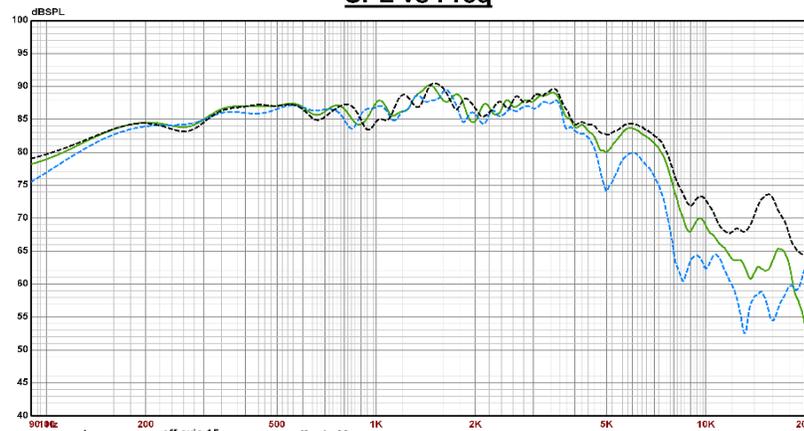
Unit Dimensions



Impedance vs Freq



SPL vs Freq



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.