MSW-424D

Shallow Classic Advanced Woofer, Ø 4", Ø 2.1" voicecoil, 4Ω

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**	0.4

Electrical Data		
Nominal Impedance	**Z**	4Ω
DC Resistance	**Re**	3.1Ω
Voice Coil Inductance @ 1KHz	**LBM**	0.25mH

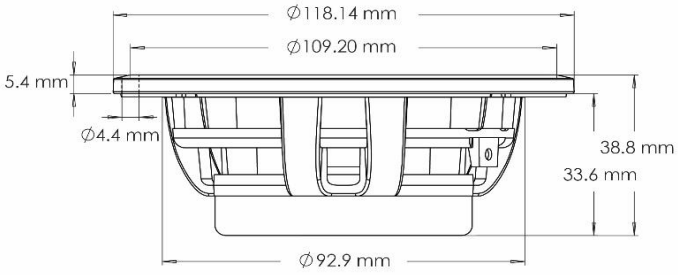
Voice Coil and Magnet Parameters		
Voice Coil Diameter	**DIA**	54mm
Voice Coil Height		12mm
HE Magnetic Gap Height	**HE**	4mm
Max. Linear Excursion	**X**	± 4mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Neodymium vented
B Flux Density	**B**	0.89 T
BL Product	**BXL**	4.45 N.A

T-S Parameters		1 V	
Suspension Compliance	**Cms**	1.056 mm/N	
Mechanical Q Factor	**Qms**	2.05	
Electrical Q Factor	**Qes**	0.38	
Total Q Factor	**Qts**	0.32	
Mechanical Resistance	**Rms**	1.21 Kg/s	
Moving Mass	**Mms**	6.5 g	
Eq. Cas Air Load (liters)	**VAS**	4.75 Lt	
Resonant Frequency	**Fs**	60 Hz	
Effective Piston Area	**SD**	57 cm ²	

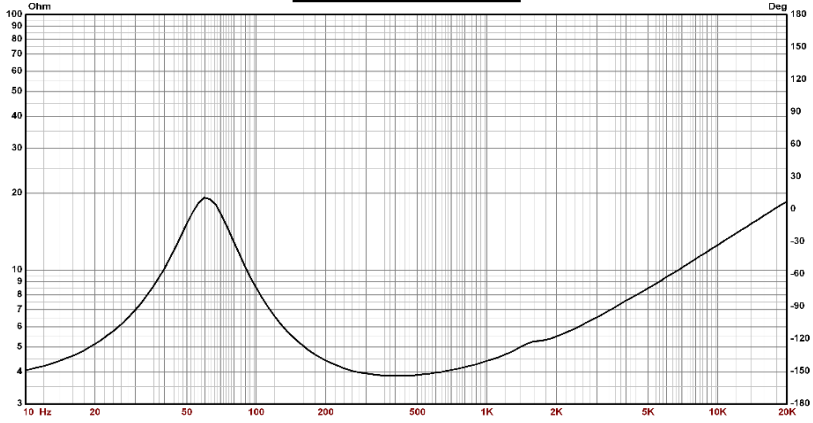
FEATURES

* 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 exursion
* Improved parameteres

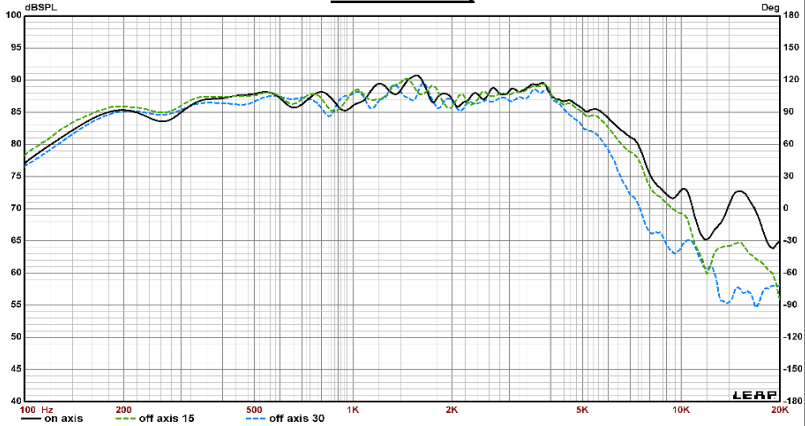
Unit Dimensions



Impedance vs Freq



SPL vs Freq



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