CAW 538

Classic Advanced Woofer, Ø 5", Ø 3" voicecoil, 8Ω

SPECIFICATIONS

General Data		
Overall Dimensions	**DxH**	143mm(5.63")x65mm(2.55")
Nominal Power Handling (DIN)	**P**	150W
Transient Power 10ms		1000W
Sensitivity 2.83V/1M		86 dB SPL
Frequency Response		See graph
Cone Material		Damped Polymer Composite
Net Weight	**Kg**	1.12

Electrical Data		
Nominal Impedance	**Z**	8Ω
DC Resistance	**Re**	5.2Ω
Voice Coil Inductance @ 1KHz	**LBM**	0.47mH

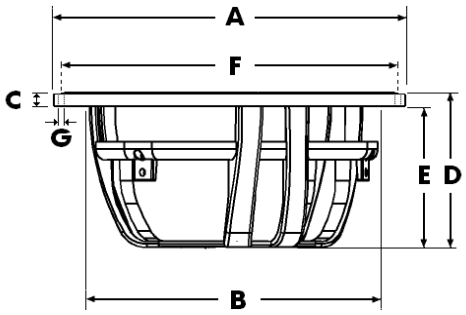
Voice Coil and Magnet Parameters		
Voice Coil Diameter	**DIA**	75mm
Voice Coil Height		12mm
HE Magnetic Gap Height	**HE**	6mm
Max. Linear Excursion	**X**	± 3mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		High flux double ferrite vented
B Flux Density	**B**	0.72 T
BL Product	**BXL**	6.9N.A

T-S Parameters		Small Signal	1 V
Suspension Compliance	**Cms**	0.72 mm/N	
Mechanical Q Factor	**Qms**	1.83	
Electrical Q Factor	**Qes**	0.48	
Total Q Factor	**Qts**	0.38	
Mechanical Resistance	**Rms**	2.39 Kg/s	
Moving Mass	**Mms**	14 g	
Eq. Cas Air Load (liters)	**VAS**	8.2 Lt	
Resonant Frequency	**Fs**	49 Hz	
Effective Piston Area	**SD**	90 cm ²	

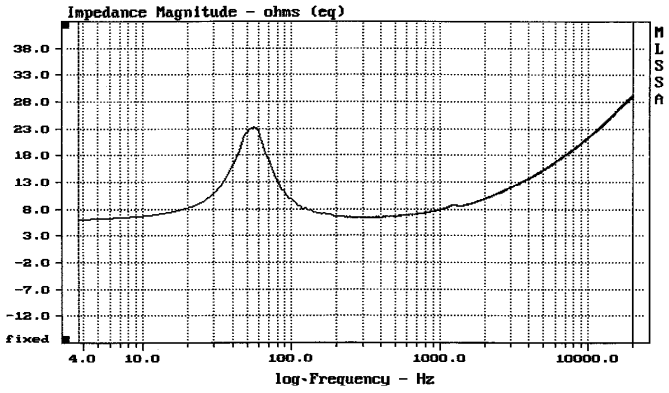
FEATURES

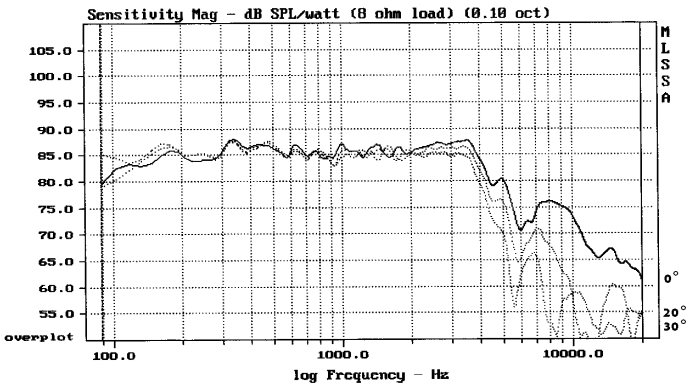
* Uniflow™ Aluminum diecast chassis
* High flux ferrite double magnet system
* 3" Large Hexatech™ Aluminum voice coil
* High power handling
* Shallow profile D.P.C cone
* Improved parameteres

Unit Dimensions



A - Overall diameter	143mm
B - Cut out diameter	121mm
C - Flange thickness	5mm
D - Overall height	65mm
E - Basket depth	60mm
F - Mounting holes location diameter	135mm
G - 6 Mounting holes, at 60º interval, inner hole diameter	Ø 4.2mm





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