MW-1258

Classic Advanced Sub Woofer, Ø 12", Ø 5.1" voicecoil, 8Ω

SPECIFICATIONS

General Data		
Overall Dimensions	**DxH**	305mm(12")x151.5mm(5.96")
Nominal Power Handling (DIN)	**P**	500W
Transient Power 10ms		1500W
Sensitivity 2.83V/1M		87.5 dB SPL
Frequency Response		See graph
Cone Material		Composite cellular
Net Weight	**Kg**	6.2 kg

Electrical Data		
Nominal Impedance	**Z**	8Ω
DC Resistance	**Re**	6.1Ω
Voice Coil Inductance @ 1KHz	**LBM**	1.52mH

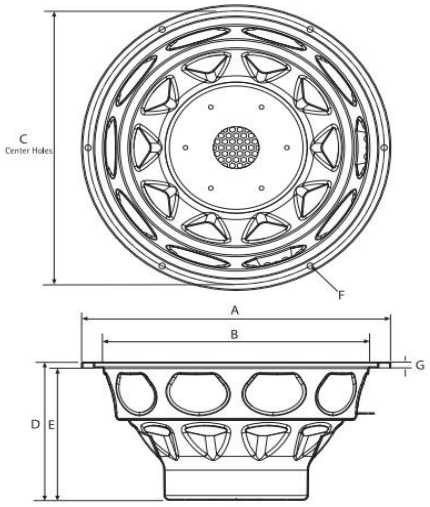
Voice Coil and Magnet Parameters		
Voice Coil Diameter	**DIA**	130mm
Voice Coil Height		37mm
HE Magnetic Gap Height	**HE**	12mm
Max. Linear Excursion	**X**	± 10mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Hight flux double ferrite vented
B Flux Density	**B**	0.63T
BL Product	**BXL**	11.95 N.A

T-S Parameters		1 V
Suspension Compliance	**Cms**	0.3494 mm/N
Mechanical Q Factor	**Qms**	2.05
Electrical Q Factor	**Qes**	0.69
Total Q Factor	**Qts**	0.51
Mechanical Resistance	**Rms**	7.98 Kg/s
Moving Mass	**Mms**	90 g
Eq. Cas Air Load (liters)	**VAS**	108 Lt
Resonant Frequency	**Fs**	28 Hz
Effective Piston Area	**SD**	471 cm ²

FEATURES

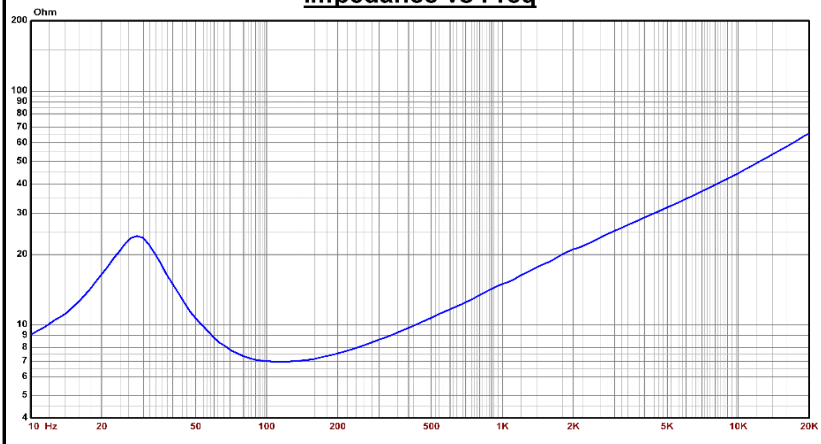
* 5.1" Large Hexatech™ Aluminum voice coil
* High power handling
* 2 layer laminated carbon paper cone
* High linear exursion
* Double vented ferrite magnet system

Unit Dimensions

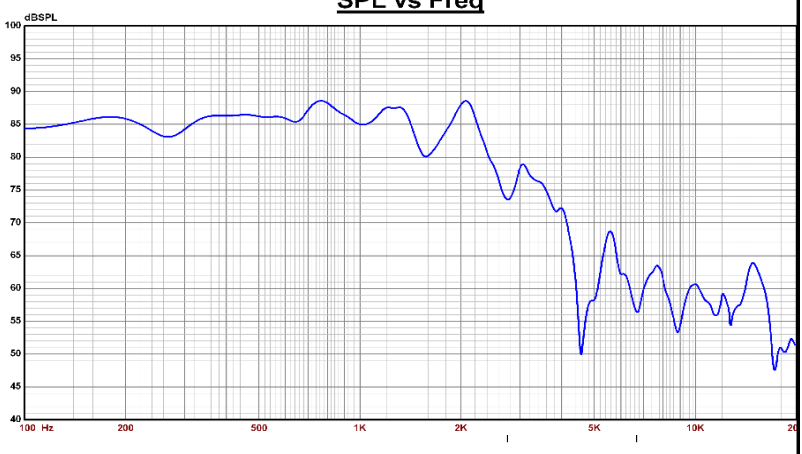


A-Overall Diameter	305mm (12")
B-Cut out diameter	263mm (10.35")
C-Center holes	292mm (11.5")
D-Overall height	151.5mm (5.96")
E-Basket + magnet depth	145.3mm (5.72")
F-	6.5mm (0.255")
G-Thikness	6.5mm (0.255")

Impedance vs Freq



SPL vs Freq



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