

R12



1000W MAX

Quick Guide Specifications

Design Features

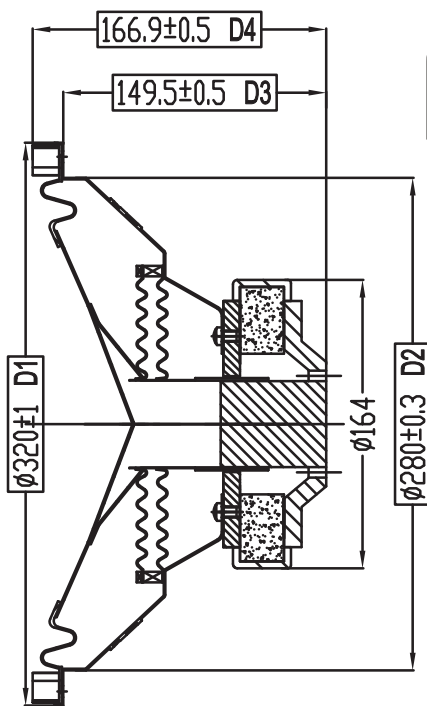
Basket:	Custom Stamp Steel Basket W/ Sandblast Powder Coat Finish
Gasket:	EVA Gasket to Secure The Surround Bonding
Magnet:	Single 65oz High Intensity Grade Ferrite Ring
Motor:	FEMM Engineered Motor Plates W/ White Zinc Finish
Cone:	Vacuum Massive Logo Cone W/ Sandblast Black Painted Surface Finish
Surround:	Wave Roll Shaped Foam Surround
Spider:	Dual Progressive Roll Poly-Cotton Spider W/ Woven Round Tinsel Lead Wire
Voice Coil:	2" Dual 4 Ohm CCAW Voice Coil On Alum. Former W/ Reinforced Neck Joint
Dust Cap:	Vacuum V-Shape Dust Cap W/ Woven Texture

Transducer Parameter

		REBEL 12	
Wiring		Parallel	Series
NomZ	Ohm	4 / 4	4 + 4
Sd	sqM	0.049	0.049
Revc	Ohm	1.7	6.8
Levc	mH	1	1
BL	TxM	10.97	19.96
Vas	Liter	60.87	60.87
Cms	uM/N	178.5	178.5
Mms	Grams	138.5	138.5
Fo	Hz	32	32
Qms		5	5
Qes		0.394	0.476
Qts		0.365	0.434
no	%	0.489	0.404
SPL@1W	dB	89.09	88.27
SPL@2.83V	dB	95.81	88.97
Xmax/Over Hang	mm	13.25	13.25
Xmech/Suspension	mm	20	20
Watt@RMS	Watts	500	500
Watt@PEAK	Watts	1000	1000

Physical Measurements

	Metric	Standard
Dispalcement	0.735L	0.026 ft3
Frame Diameter	320 mm	12.59"
Mounting Hole Diameter	280 mm	11.02"
Mounting Depth	149.5 mm	5.86"
Overall Depth	166.9 mm	6.57"



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Dual 4 Ohms



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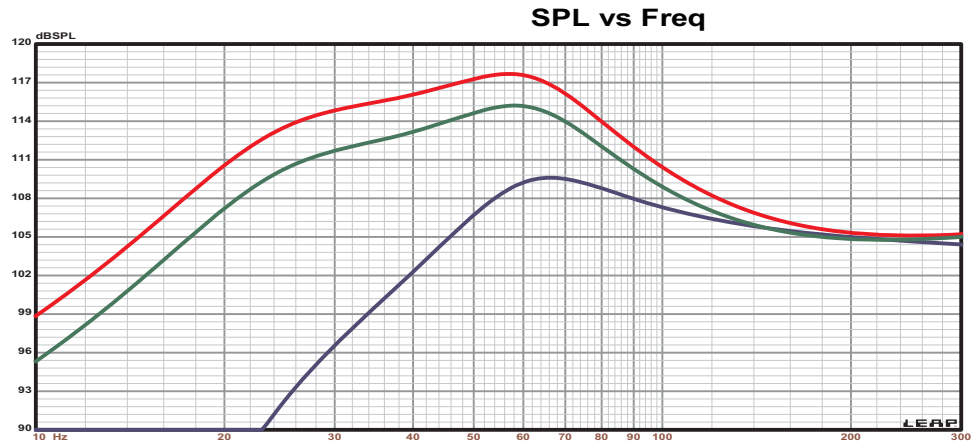
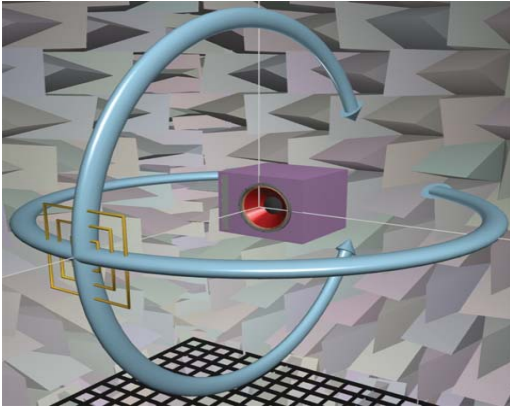


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Quick Guide Specifications

Single Ported Enclosure

Box Dimentions			Slotted Port			Circular port	
H	W	D	Hp	Wp	Lp	Dp	Lp
14	18	16	12.5"	1"	10"	4	8
Volume	Tuning	F3	Frequency	Power	Subsonics	Impedance	
1.73 ft3	44.39 Hz	37.79 Hz	20-200 Hz	20-500W	~ 28 Hz	2 // 8	

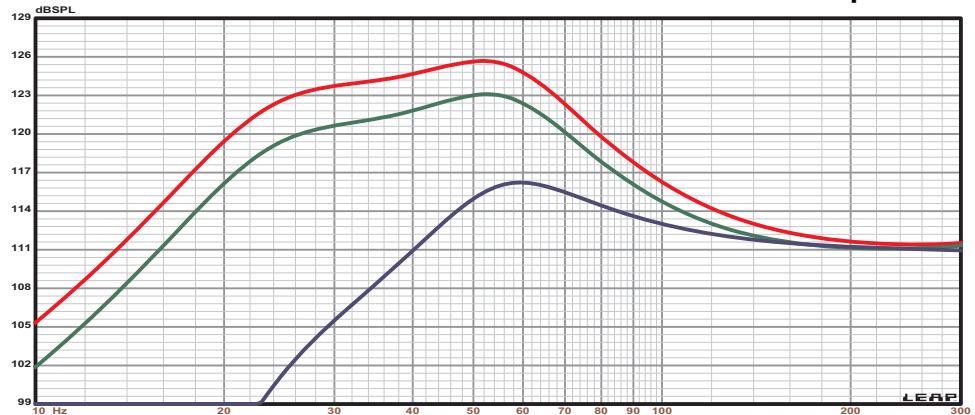
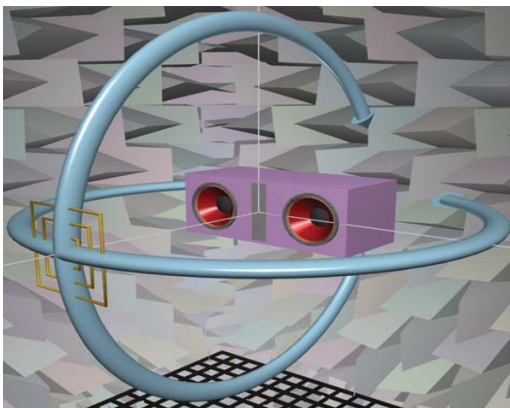
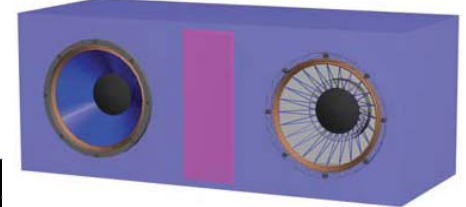


All dimentions are external using 3/4" MDF
Simulated with 500W per Subwoofer @ 1m / 25° C

Red (top) = Full Space 105 Ft3 (approx. Car)
Green (middle) = Full Space 160 Ft3 (approx. SUV)
Blue (bottom) = Infinite Baffle

Dual Ported Common Chamber Enclosure

Box Dimentions			Slotted Port			Circular port	
H	W	D	Hp	Wp	Lp	Dp	Lp
14	38	16	12.5"	2.75"	10"	2 X 4"	6"
Volume	Tuning	F3	Frequency	Power	Subsonics	Impedance	
3.82 ft3	43.37 Hz	34.55 Hz	20-200 Hz	50-1000W	~ 28 Hz	1//2// 4	



Sealed Enclosure:

This subwoofer has been designed to work very well in a small sealed enclosure.

Recommanded range 1 ft3 - 1.8 ft3

Fc= 42.6 Hz Center Frequency

F3 = 36.8 Hz -3 dB Frequency

Subsonic Setting = 28 Hz - 32 Hz

*Due to constant product improvement features and specifications are subject to change without notice.