MASSIVE®

HIPPO

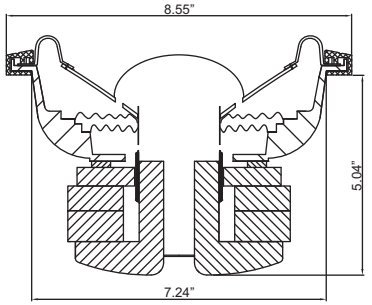
Subwoofers

General Features

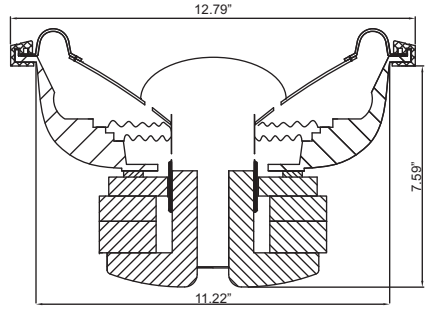
* Heavy Duty, Rugged Industrial Textured Cast Aluminum Basket.
* High Energy Double Stack Strontium Magnet Structure.
* Dual Impedance Black Anodized Voice Coil Former with Kevlar Spunlace.
* Kevlar Fiber Reinforced Non-Pressed Paper Cone with Industrial Textured Finish.
* Stitched Edge to the Cone for Added Strength.
* Over Sized Mirror Image Dual Poly / Nomex Spiders.
* Black Anodized One Piece Pole-Plate for Added Motor Force.
* Heavy Duty Direct Input Wires Connection to Voice Coils.
* Reinforced Fiberglass Woven Dustcap for High Power Applications.
* Custom Tooled Rubber Gasket and Magnet Boot.

Specifications

Mechanical		HIPPO 84		HIPPO 122		HIPPO 152	
Fs	Hz	41.75		34.21		34.26	
Qms		5.43		4.537		4.06	
Vas	liters	6.173		23.38		42.53	
Cms	um/N	105.2		58.6		46.3	
Mms	g	135.2		362.7		466.2	
Rms	Kg/s	6.68		17.5		21.8	
Xmax	mm	13		15		15	
Xmech	mm	28		45		45	
Dia.	mm	160		260		320	
Sd	sq.m	0.0205		0.053		0.0804	
Vd	liters	0.267		0.795		1.206	
Electrical		Parallel	Series	Parallel	Series	Parallel	Series
Qes		0.549	0.495	0.383	0.335	0.407	0.35
Re	Ohms	1.7	6.8	0.9	3.6	0.9	3.6
Le	mH	1.362	5.663	1.679	6.924	1.741	7.241
BL	Tm	10.48	22.07	14.471	28.949	14.9	32.13
Pe	Watts	500	500	2000	2000	2000	2000
Electromechanical		1000W	1000W	4000W	4000W	4000W	4000W
Qts		0.499	0.447	0.353	0.304	0.374	0.318
no	%	0.081	0.089	0.269	0.283	0.405	0.471
1-W-SPL	dB	81.4	81.5	86.4	86.5	88.4	88.5
2.8V SPL	dB	88.27	82.4	95.99	90.19	97.99	92.17



HIPPO 8



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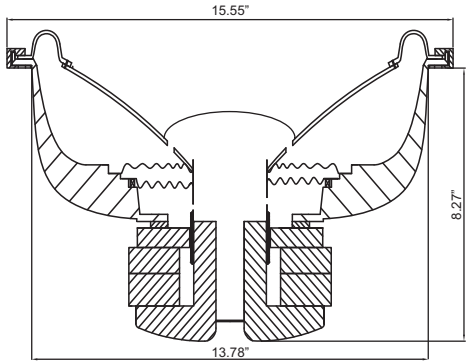

HIPPO 15

4000 PEAK WATTS

1000 PEAK WATTS

MASSIVE®

CE RoHS E8

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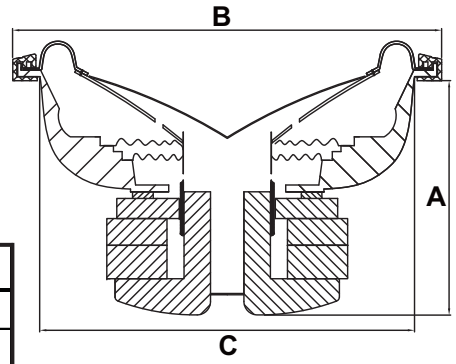
MASSIVE®

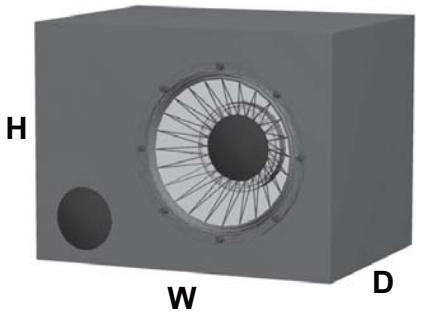
HIPPO

For More Customized Box Volume Specifications
Please visit www.massiveaudio.com

	Hippo 8	Hippo 12	Hippo 15
Mounting Depth (A)	5.04"	7.59"	8.27"
Mounting Diameter (B)	8.55"	12.79"	15.55"
Mounting cut Diameter (C)	7.24"	11.22"	13.78"
Net Weight (Kg)	30.42	45.42	46.74
Displacment (ft3)	0.045	0.095	0.175



	Hippo 84		Hippo 122		Hippo 152	
Single Sealed	**Small**	**Optimum**	**Small**	**Optimum**	**Small**	**Optimum**
Volume (cub. ft)	0.375	0.76	1	1.58	2	3
Internal (width x Height x Depth) in.	9X9X10	10X11X12	12X12X12	14X14X14	16X15X15	16X18X18
F3 Hz	60.12	59.3	72	68	64	63
Qtc	0.62	0.55	0.45	0.48	0.45	0.45
Single Ported	**Small**	**Optimum**	**Small**	**Optimum**	**Small**	**Optimum**
Volume (cub ft.)	0.69	1.1	1.5	2.59	3.5	4.75
Internal (width x Height x Depth) in.	10X10X12	10X14X14	14X14X14	20X14X16	18X16X21	20X16X22
Fb Hz	55	42	43	43	40	44
F3	43	35	38.5	36	35	37
Port round (D x L)	3 X 8	3X8	4X10	2 4X12	2 4X10	3 4X10
Port Area sq. in.	7.07	7.07	12.56	25.12	25.12	37.68
Dual Ported						
Volume (cub ft.)	1.5		4		7.33	
Internal (width x Height x Depth) in.	24X9X12		31X14X16		36X16X22	
Port (1) Sq.area in.	20		43.75		87	
Port Length	12		14		14	
F3 Hz	41		36		34	



The port may have to be placed along the back wall facing the side. Place a brace between the subs about 4 inches wide on the inside.
Make sure that the end of the port "inside the box" is at least the same distance away from the back wall as the port diameter. If port is 4" round = 4.5" from wall

Attention:

*Box sizes account for driver and port displacement

*For higher SPL shortning the port length 3 in. will rise frequency +/- 5 Hz

*Box specifications are internal. for external dimensions add the width of the box material to these dimensions.

*A square port (slot) is prefered in high power applications for less vent noise.

*Port area = width x height

*For dual speaker, double the volume and the number of ports but keep the same length.

*If possible use a divided box.

*If a commom chamber box is to be used, internal bracing is highly recommended

*Please contact Massive Audio for custom applications.