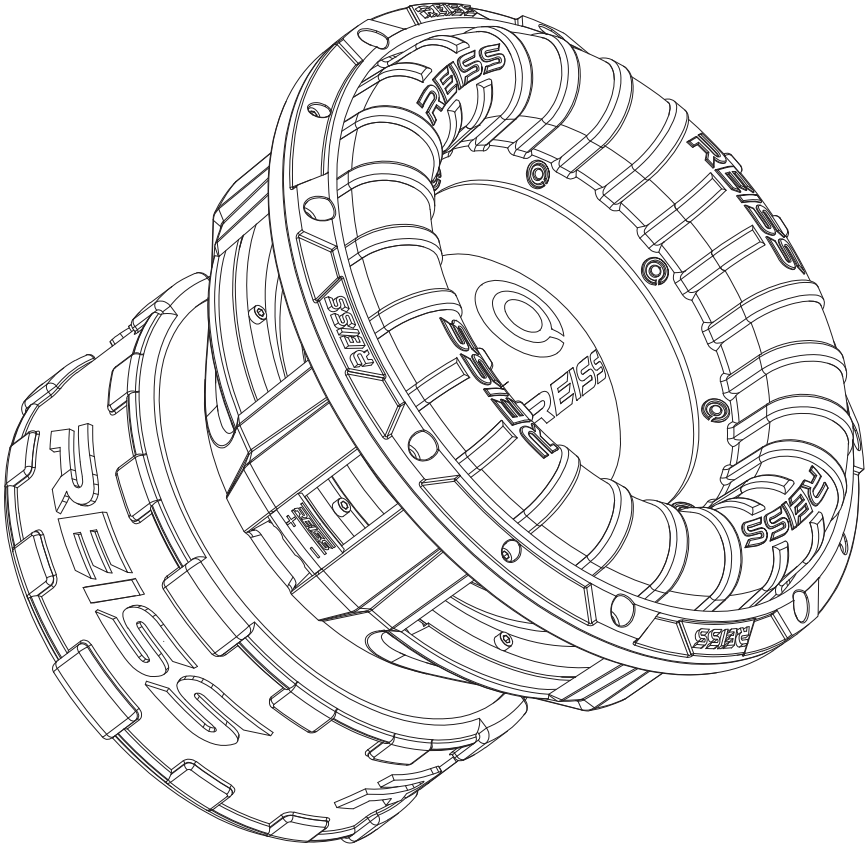




OWNER'S MANUAL

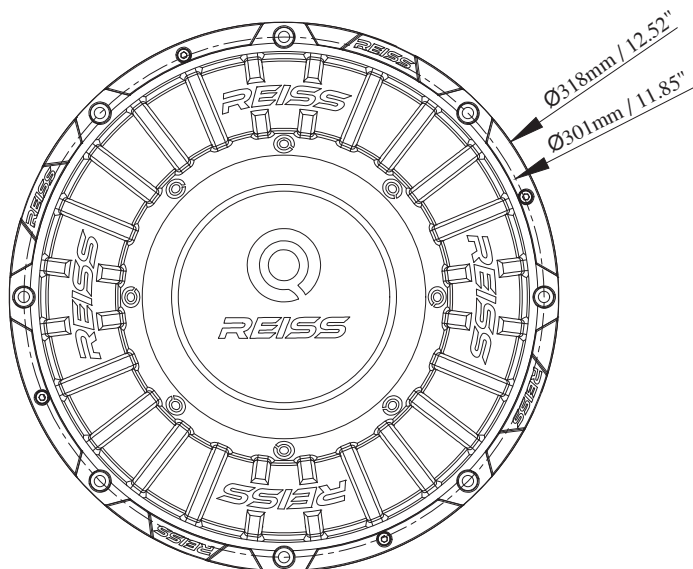
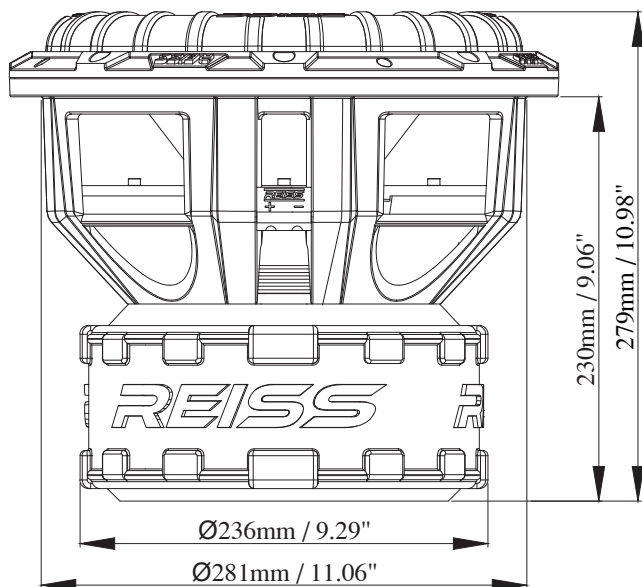
RS-SKULL12 D1

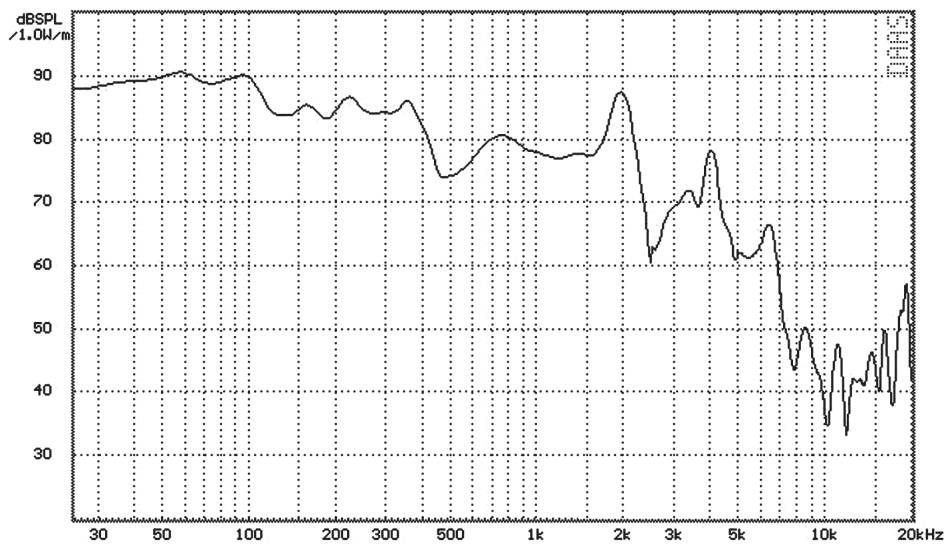
12" COMPETITION
HIGH POWER SUBWOOFER



Turkish Engineering Since 1985

RS-SKULL12 D1





SPECIFICATIONS

Nominal Diameter	12" / 304.8mm
Nominal Impedance	1+1 OHMS
RMS Power Handling	2500 Watts
MAX Power Handling	5000 Watts
Sensitivity(1w/1m)	87 dB
Frequency Response	22Hz - 500Hz
Recommended Lo Pass Crossover	80Hz

MOTOR

Voice Coil Diameter	3" / 76.5mm
Voice Coil Former Material	Black Aluminium
Winding Material	CCAW
Cone Material	Carbonfibre & Paper Compound
Dustcap Material	Carbonfibre
Surround Material	Foam
Basket Material	Alumimium
Basket Color / Finish	Glossy Black With Machined Aluminium
Magnet Material	Ferrite
Magnet Weight	390oz
Displacement Volume	3.41L/0.12ft3

THIELE & SMALL PARAMETERS

Equivalent Volume	Vas	26.520L / 0.937 ft3
Free Air Resonance	Fs	26.318Hz
Mechanical Factor	Qms	3.632
Electrical Factor	Qes	0.316
Total Factor	Qts	0.291
Moving Mass	Mms	374.297g
Compliance	Cms	0.098 mm/N
BL Factor	BL	8.855 Tm
Voice Coil Inductance	Le	0.462 mH
Diaphragm Area	Sd	437.21 CM2
DC Resistance	Re	0.8+0.8 OHM
Efficiency Bandwidth Product	EBP.....	83.92

MEASUREMENT

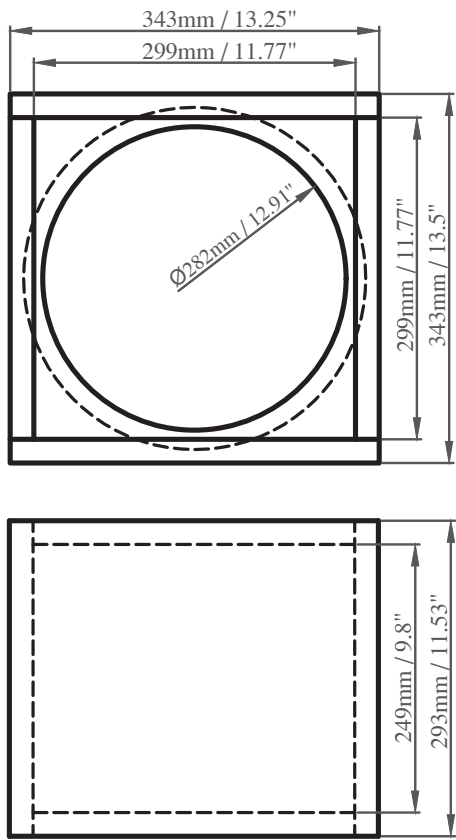
Overall Diameter	318mm / 12.52"
Overall Depth	283mm / 11.14"
Front Mount Baffle Cutout	281mm /11.06"
Mounting Depth	234mm / 9.21"
Motor Diameter	220mm / 8.66"

RECOMMENDED ENCLOSURES

Sealed Internal Volume	22.96L /0.81ft3
Sealed Box Output Response	69.84Hz
Ported Internal Volume	41.41L / 1.46ft3
Port Size *Square (WxHxL)	25mm x 299mm x 650mm
	0.98" x11.77" x 25.6"
Port Tuning Frequency	29.57Hz
Ported Box Output Response	26.66Hz

RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



PARAMETERS

Box External Dimensions:
(WxHxD): 343mm x 343mm x 293mm
/ 13.5"x 13.5"x 11.54"

Material Thickness: 22mm / 0.87"

Net Internal Volume: 22.96L / 0.81ft3

WOOD CUTS

Top - Bottom
(WxH): 343mm x 293mm / 13.5" x 11.54"

Front - Rear
(WxH): 299mm x 299mm / 11.77" x 11.77"

Left - Right
(WxH) : 299mm x 293mm / 11.77" x 11.54"

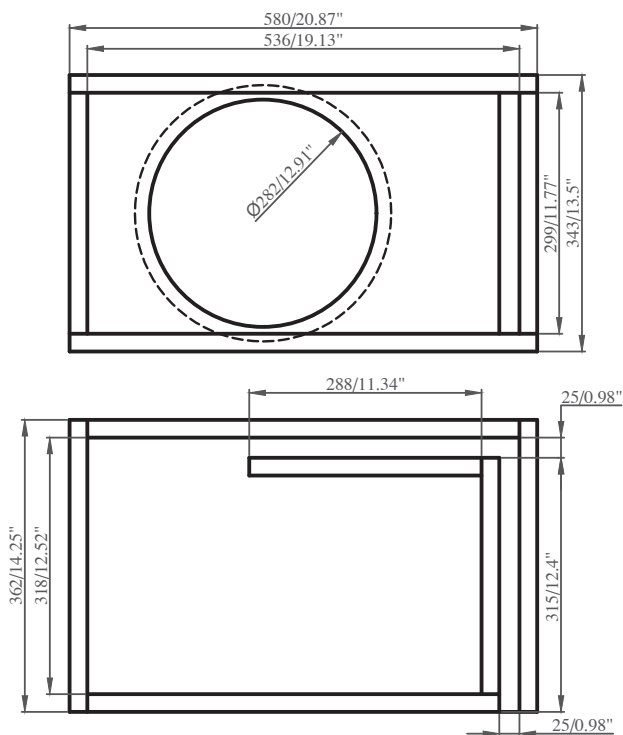
QTY

2

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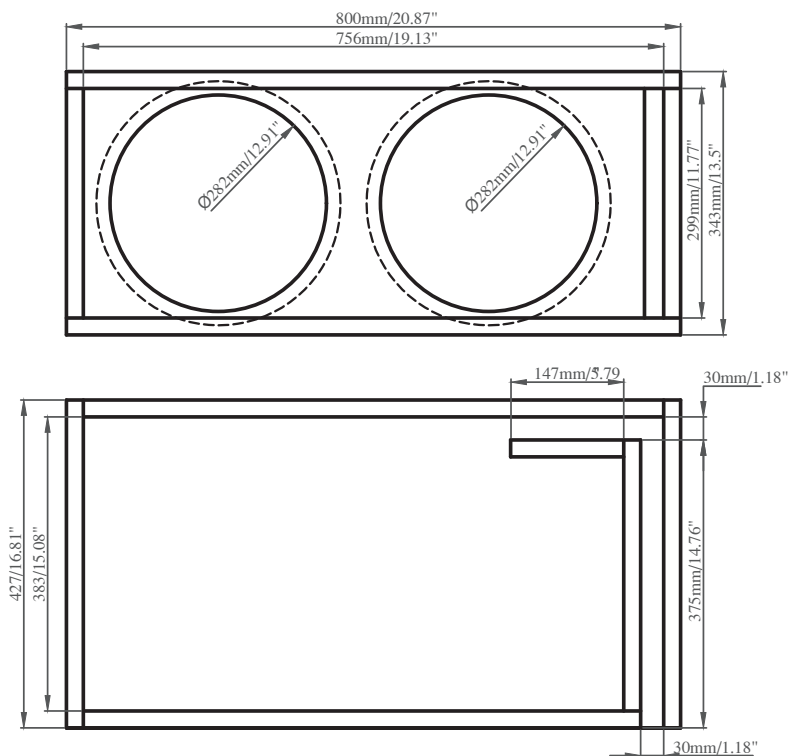
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SINGLE SUBWOOFER PORTED BOX



PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 580 x 343 x 362 mm / 22.83" x 13.5" x 14.25"	Top - Bottom 580 x 362 mm / 22.83" x 14.25"	2
	Front: 511 x 299 mm / 20.12" x 11.77"	1
Material Thickness: 22mm / 0.87"	Rear: 536 x 299 mm / 21.1" x 11.77"	1
Net Internal Volume: 41.41L / 1.46ft3	Left: 362 x 299mm / 14.25" x 11.77"	1
Tuning Frequency: 29.57 Hz	Right: 362 x 299mm / 14.25" x 11.77"	1
Port Area: 74.75cm2 / 11.59 inch2	Port: 315 x 299mm / 12.4" x 11.77"	1
Port Intel: 25 x 299 mm / 0.98" x 11.77"	Port: 288 x 299mm / 11.34" x 11.77"	1
Port Length: 650 mm / 25.6"		

DOUBLE SUBWOOFER PORTED BOX



PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 800 x 343 x 427mm / 31.5" x 13.5" x 16.81"	Top - Bottom 800 x 427 mm / 31.5" x 16.81"	2
Material Thickness: 22mm / 0.87"	Front: 726 x 299 mm / 28.58" x 11.77"	1
Net Internal Volume: 74.82L / 2.64 ft3	Rear: 756 x 299 mm / 29.76" x 11.77"	1
Tuning Frequency: 29.57 Hz	Left: 427 x 299 mm / 16.81" x 11.77"	1
Port Area: 89.7 CM2 / 13.9 inch2	Right: 427 x 299 mm / 16.81" x 11.77"	1
Port Intel: 30 x 574 mm / 1.18" X 22.6"	Port: 375 x 299 mm / 14.76" x 11.77"	1
Port Length: 574mm / 22.6 inch2	Port: 147 x 299 mm / 5.79" x 11.77"	1



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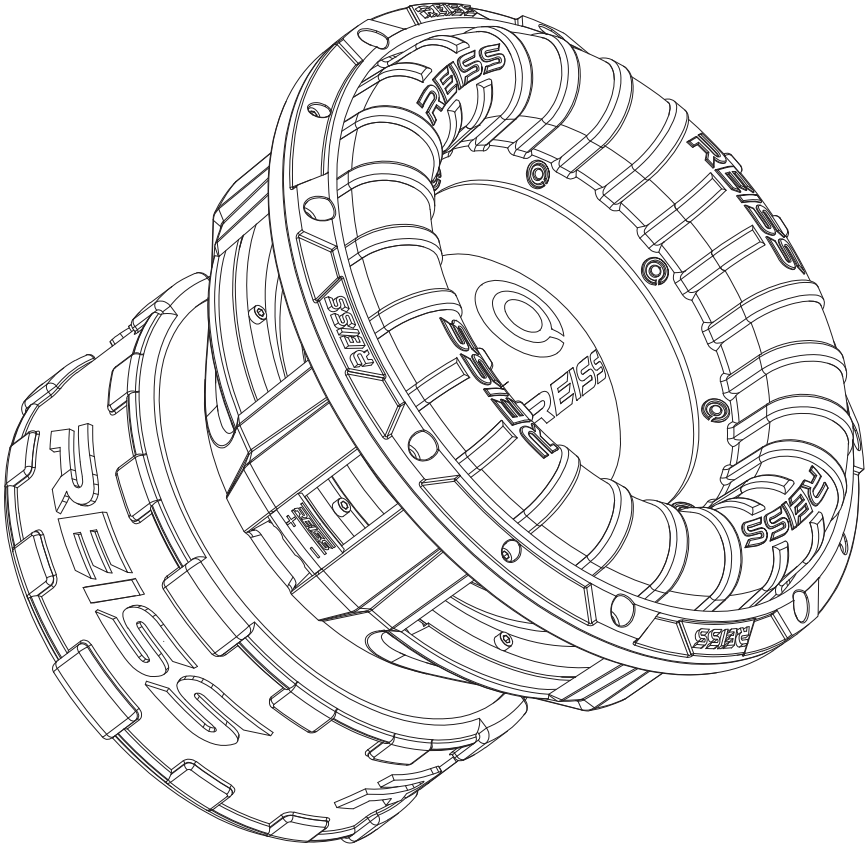


OWNER'S MANUAL

RS-SKULL12 D2

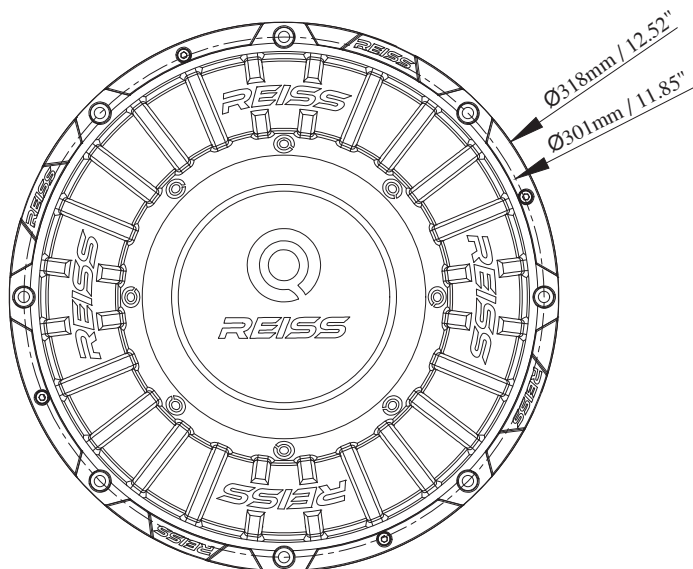
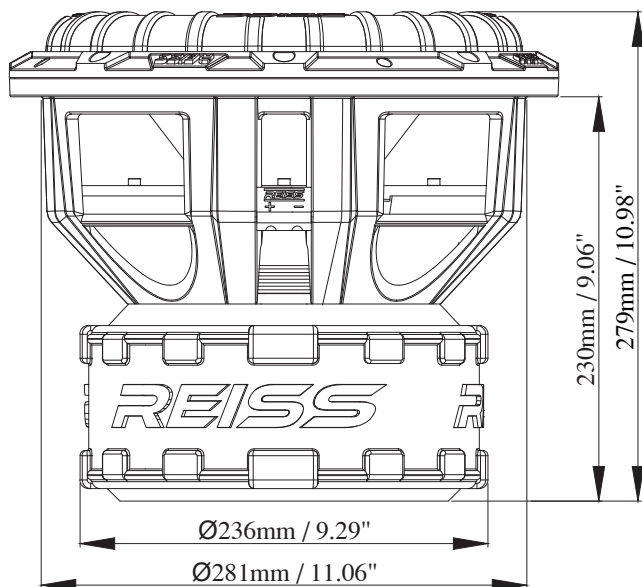
12" COMPETITION
HIGH POWER SUBWOOFER

2+2 Ω

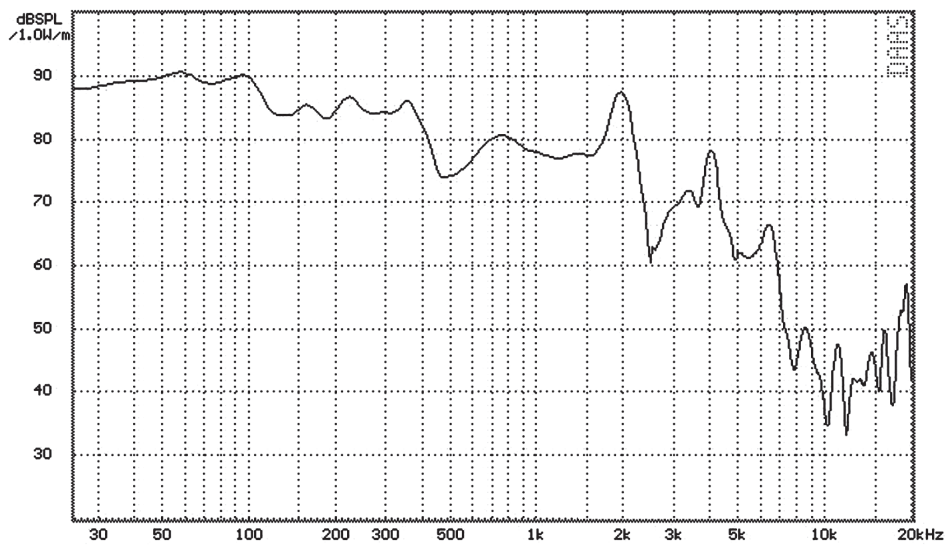


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RS-SKULL12 D2



RS-SKULL12 D2



SPECIFICATIONS

Nominal Diameter	12" / 304.8mm
Nominal Impedance	1.6+1.6 OHMS
RMS Power Handling	2500 Watts
MAX Power Handling	5000 Watts
Sensitivity(1w/1m)	87 dB
Frequency Response	22Hz - 500Hz
Recommended Lo Pass Crossover	80Hz

MOTOR

Voice Coil Diameter	3" / 76.5mm
Voice Coil Former Material	Black Aluminium
Winding Material	CCAW
Cone Material	Carbonfibre & Paper Compound
Dustcap Material	Carbonfibre
Surround Material	Foam
Basket Material	Alumimium
Basket Color / Finish	Glossy Black With Machined Aluminium
Magnet Material	Ferrite
Magnet Weight	390oz
Displacement Volume	3.41L/0.12ft3

THIELE & SMALL PARAMETERS

Equivalent Volume	Vas	25.445L / 0.899 ft3
Free Air Resonance	Fs	25.901Hz
Mechanical Factor	Qms	4.639
Electrical Factor	Qes	0.297
Total Factor	Qts	0.279
Moving Mass	Mms	402.787g
Compliance	Cms	0.094 mm/N
BL Factor	BL	13.293 Tm
Voice Coil Inductance	Le	1.207 mH
Diaphragm Area	Sd	437.21 CM2
DC Resistance	Re	1.6+1.6 OHM
Efficiency Bandwidth Product	EBP.....	87.21

MEASUREMENT

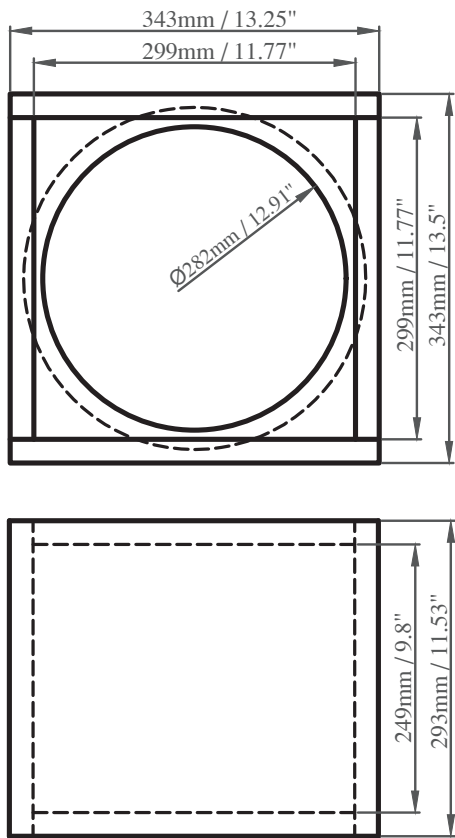
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Overall Depth	283mm / 11.14"
Front Mount Baffle Cutout	281mm /11.06"
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RECOMMENDED ENCLOSURES

Sealed Internal Volume	22.96L /0.81ft3
Sealed Box Output Response	69.84Hz
Ported Internal Volume	41.41L / 1.46ft3
Port Size *Square (WxHxL)	25mm x 299mm x 650mm
	0.98" x11.77" x 25.6"
Port Tuning Frequency	29.57Hz
Ported Box Output Response	26.66Hz

RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



PARAMETERS

Box External Dimensions:
(WxHxD): 343mm x 343mm x 293mm
/ 13.5"x 13.5"x 11.54"

Material Thickness: 22mm / 0.87"

Net Internal Volume: 22.96L / 0.81ft3

WOOD CUTS

Top - Bottom
(WxH): 343mm x 293mm / 13.5" x 11.54"

Front - Rear
(WxH): 299mm x 299mm / 11.77" x 11.77"

Left - Right
(WxH) : 299mm x 293mm / 11.77" x 11.54"

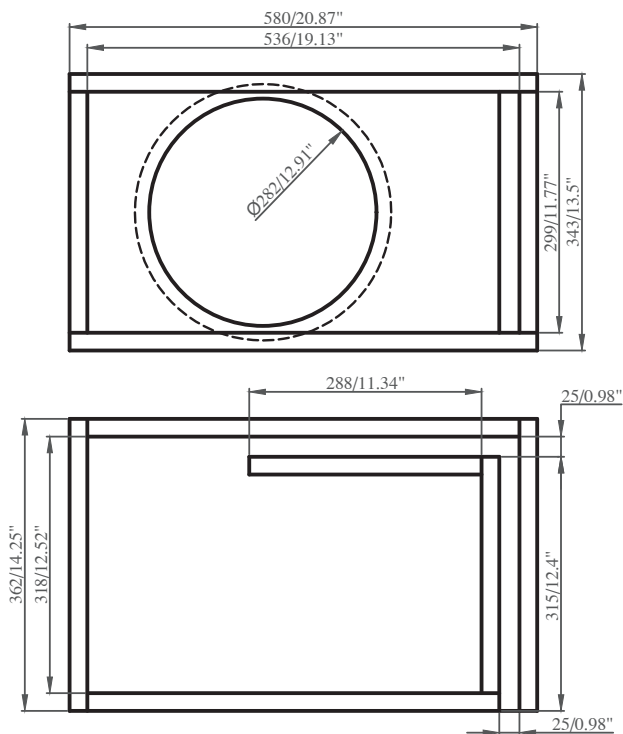
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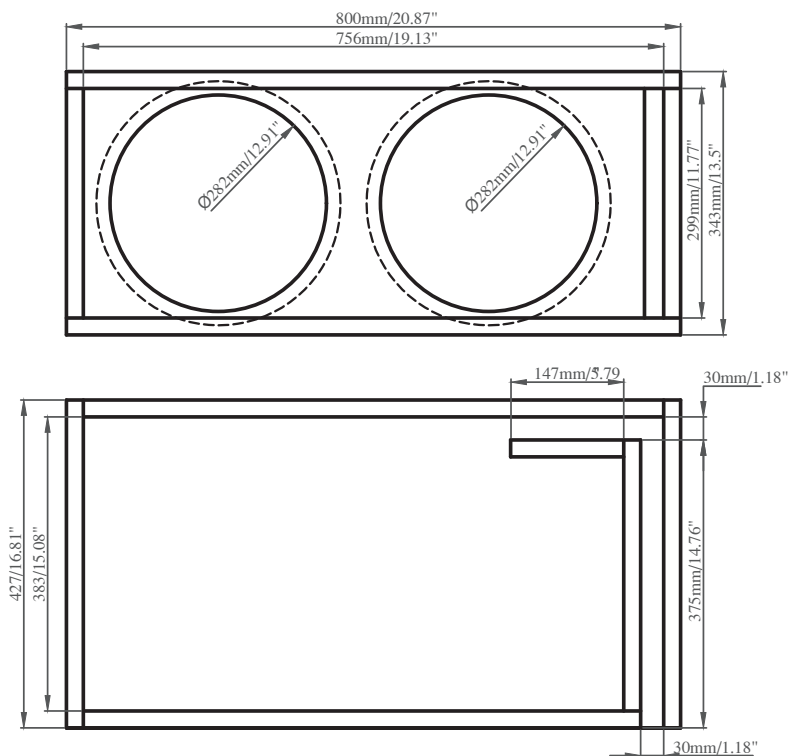
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SINGLE SUBWOOFER PORTED BOX



PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 580 x 343 x 362 mm / 22.83" x 13.5" x 14.25"	Top - Bottom 580 x 362 mm / 22.83" x 14.25"	2
	Front: 511 x 299 mm / 20.12" x 11.77"	1
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Port Intel: 25 x 299 mm / 0.98" x 11.77"	Port: 288 x 299mm / 11.34" x 11.77"	1
Port Length: 650 mm / 25.6"		

DOUBLE SUBWOOFER PORTED BOX



PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 800 x 343 x 427mm / 31.5" x 13.5" x 16.81"	Top - Bottom 800 x 427 mm / 31.5" x 16.81"	2
Material Thickness: 22mm / 0.87"	Front: 726 x 299 mm / 28.58" x 11.77"	1
Net Internal Volume: 74.82L / 2.64 ft3	Rear: 756 x 299 mm / 29.76" x 11.77"	1
Tuning Frequency: 29.57 Hz	Left: 427 x 299 mm / 16.81" x 11.77"	1
Port Area: 89.7 CM2 / 13.9 inch2	Right: 427 x 299 mm / 16.81" x 11.77"	1
Port Intel: 30 x 574 mm / 1.18" X 22.6"	Port: 375 x 299 mm / 14.76" x 11.77"	1
Port Length: 574mm / 22.6 inch2	Port: 147 x 299 mm / 5.79" x 11.77"	1



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