

OWNER'S MANUAL

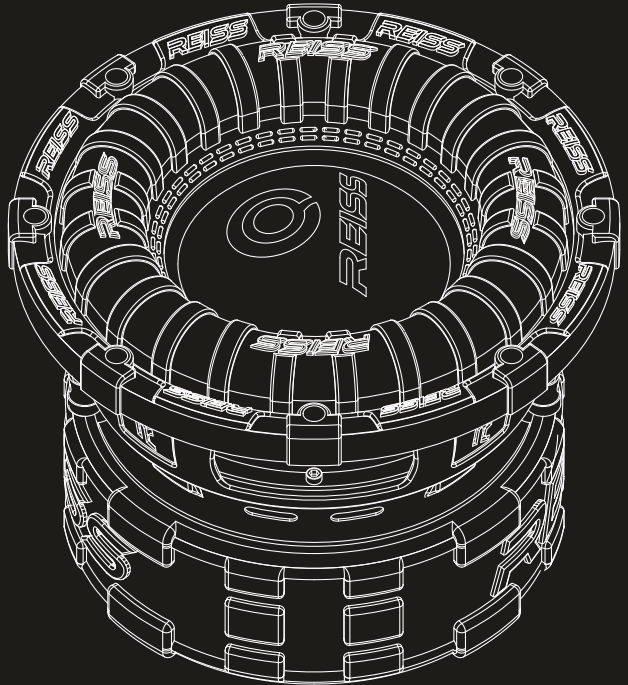
8" HIGH POWER SUBWOOFER

RS-RX8 ULTRA.D2

2Ω+2Ω

RS-RX8 ULTRA.D4

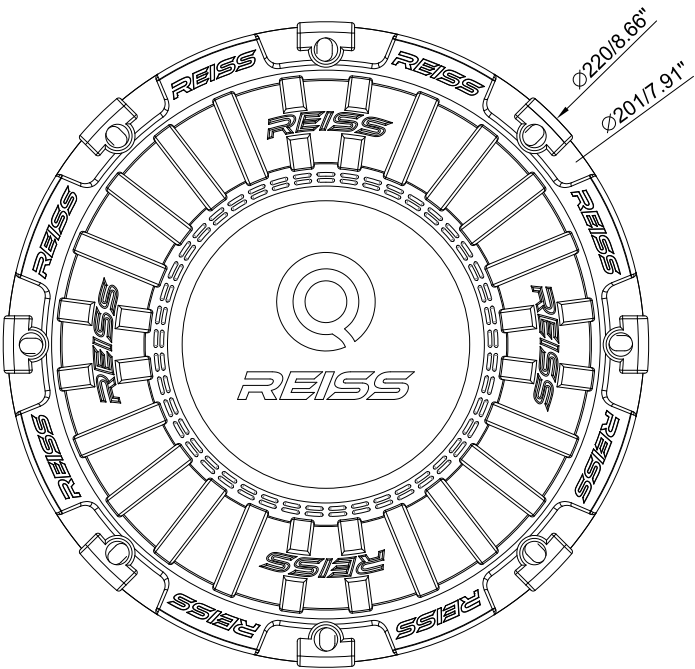
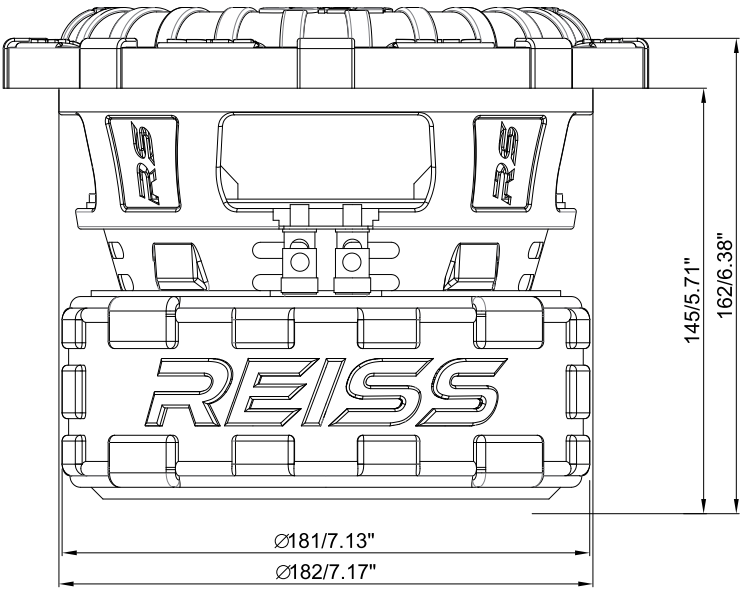
4Ω+4Ω



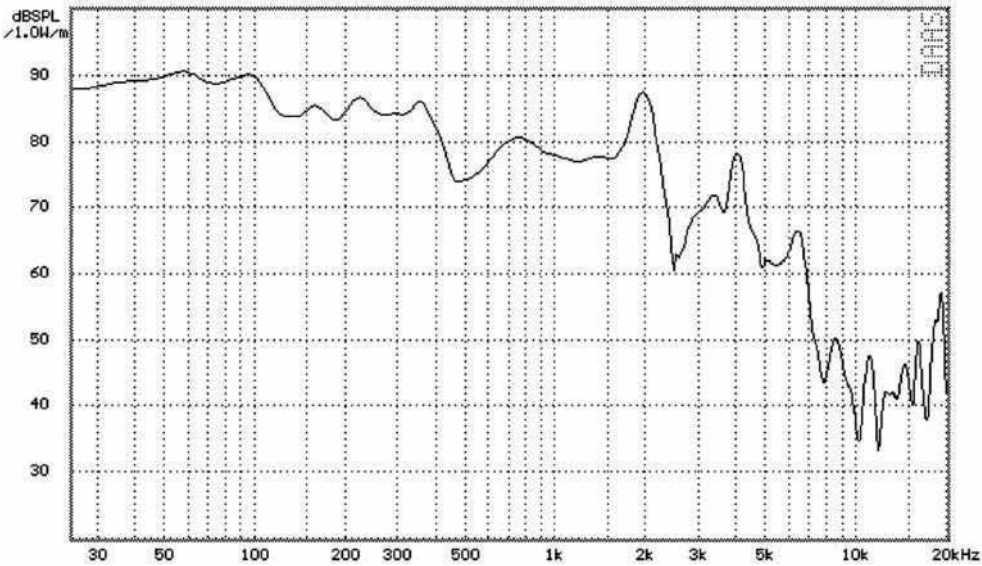
Since 1985

TURKISH ENGINEERING

RS-RX8 ULTRA.D2



RS-RX8 ULTRA.D2



SPECIFICATIONS

Nominal Diameter	200mm / 8"
Nominal Impedance	2+2 OHMS
RMS Power Handling	800 Watts
MAX Power Handling	1600 Watts
Sensitivity(1w/1m)	88 dB
Frequency Response	55Hz - 500Hz
Recommended Lo Pass Crossover	100Hz

MOTOR

Voice Coil Diameter	63.5mm / 2.5"
Voice Coil Former Material	Black Aluminium
Winding Material	Copper
Cone Material	Reinforced Fiber Composite Non-Pressed Paper
Dustcap Material	PP
Surround Material	Foam
Basket Material	Steel
Basket Color	Metallic Red
Magnet Material	Ferrite
Magnet Weight	162.6oz
Displacement Volume	0.9L/0.032ft3

THIELE & SMALL PARAMETERS

Equivalent Volume	Vas	3.448L / 0.122ft3
Free Air Resonance	Fs	49.9Hz
Mechanical Factor	Qms.....	4.506
Electrical Factor	Qes.....	0.456
Total Factor	Qts.....	0.414
Moving Mass	Mms.....	165.155g
Compliance.....	Cms.....	0.061589 mm/N
BL Factor	BL.....	11.029 Tm
Voice Coil Inductance	Le.....	1.156 mH
Diaphragm Area	Sd.....	198.56 CM2
DC Resistance	Re.....	1.8+1.8 OHM
Efficiency Bandwidth Product	EBP.....	109.4

MEASUREMENT

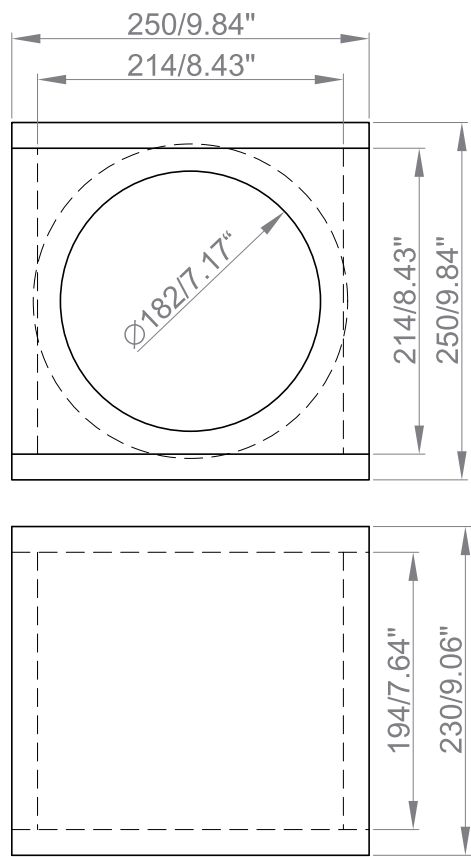
Overall Diameter	220mm / 8.66"
Overall Depth	162mm / 6.38"
Front Mount Baffle Cutout	182mm / 7.17"
Mounting Depth	145mm / 5.71"
Motor Diameter	181mm / 7.13"

RECOMMENDED ENCLOSURES

Sealed Internal Volume	13.52L / 0.48ft3
Sealed Box Output Response	89.04Hz
Ported Internal Volume	18.88L / 0.67ft3
Port Size *Square (WxHxL)	20mm x 214mm x 200mm 0.79" x 8.43" x 7.87"
Port Tunning Frequency	54.23Hz
Ported Box Output Response	44.72Hz

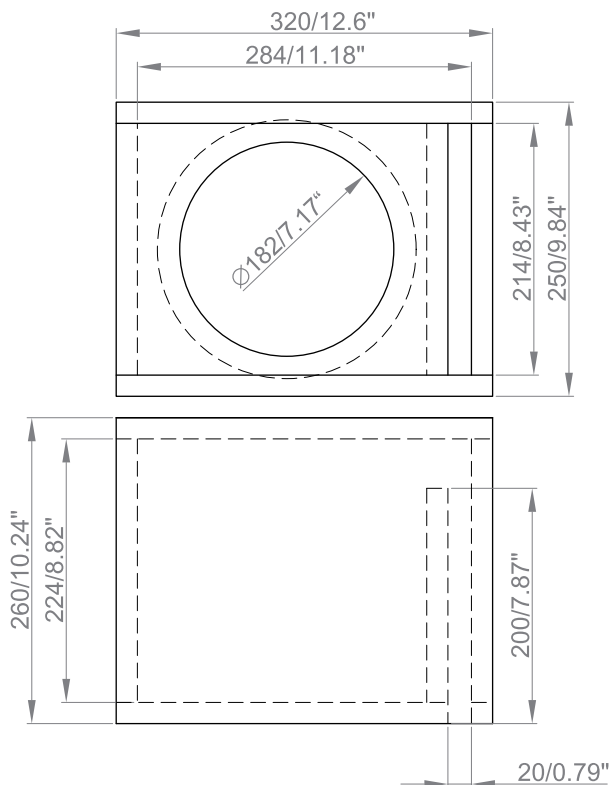
RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



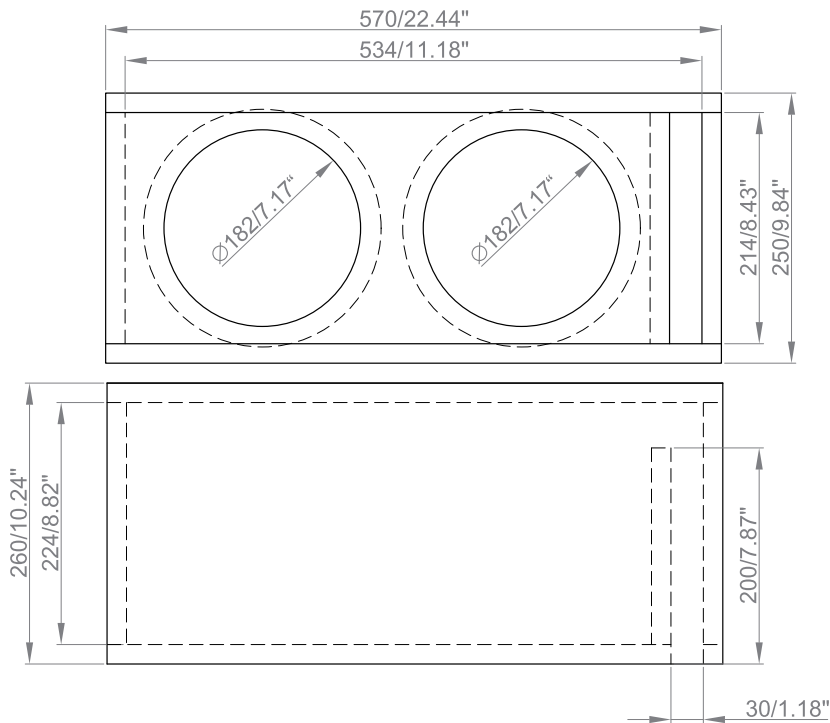
PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 250mm x 250mm x 230mm / 9.84"x 9.84"x 9.06"	Top - Bottom (WxH): 250mm x 230mm / 9.84" x 9.06"	2
Material Thickness: 18mm / 0.71"	Front - Rear (WxH): 250mm x 214mm / 9.84" x 8.43"	2
Net Internal Volume: 13.52L / 0.48ft3	Left - Right (WxH) : 194mm x 214mm / 7.64" x 8.43"	2

SINGLE SUBWOOFER PORTED BOX



PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 320 x 250 x 260 mm / 12.6" x 9.84" x 10.24"	Top - Bottom 320 x 260 mm / 12.6" x 10.24"	2
Material Thickness: 18mm / 0.71"	Front: 320 x 214 mm / 12.6" x 8.43"	1
Net Internal Volume: 18.88L / 0.67ft3	Rear: 320 x 214 mm / 12.6" x 8.43"	1
Tuning Frequency: 54.23 Hz	Left: 224 x 214mm / 8.82" x 8.43"	1
Port Area: 42.8cm2 / 6.63 inch2	Right: 224 x 214mm / 8.82" x 8.43"	1
Port Intel: 20 x 214 mm / 0.79" x 8.43"	Port: 200 x 214mm / 7.87" x 8.43"	1
Port Length: 200 mm / 7.87"		

DOUBLE SUBWOOFER PORTED BOX



PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 570 x 250 x 260mm / 22.44" x 9.84" x 10.24"	Top - Bottom 570 x 260 mm / 22.44" x 10.24"	2
Material Thickness: 18mm / 0.71"	Front: 570 x 214 mm / 22.44" x 8.43"	1
Net Internal Volume: 34.73L / 1.23 ft3	Rear: 570 x 214 mm / 22.44" x 8.43"	1
Tuning Frequency: 47.56 Hz	Left: 224 x 214mm / 8.82" x 8.43"	1
Port Area: 64.2 CM2 / 9.95 inch2	Right: 224 x 214mm / 8.82" x 8.43"	1
Port Intel: 30 x 200 mm / 1.18" x 7.87"	Port: 200 x 214 mm / 7.87" x 8.43"	1
Port Length: 200mm / 7.87 inch2		

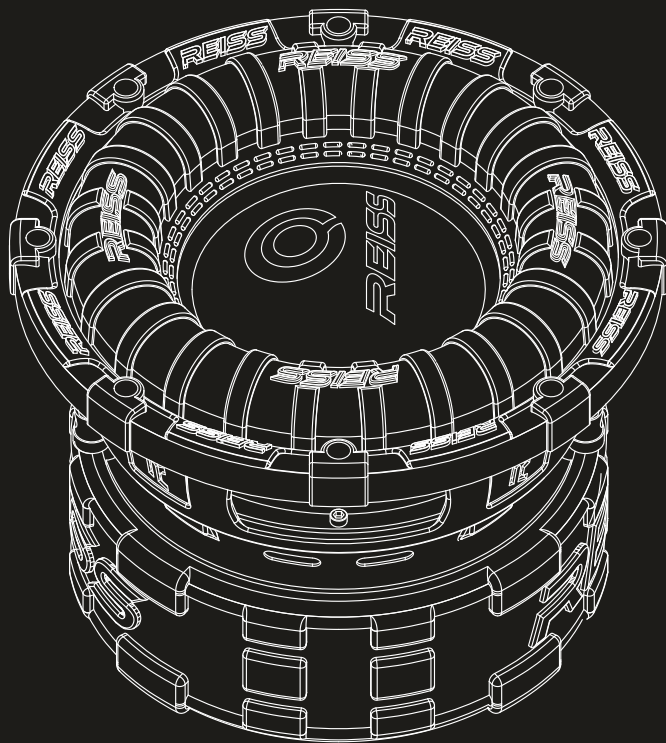


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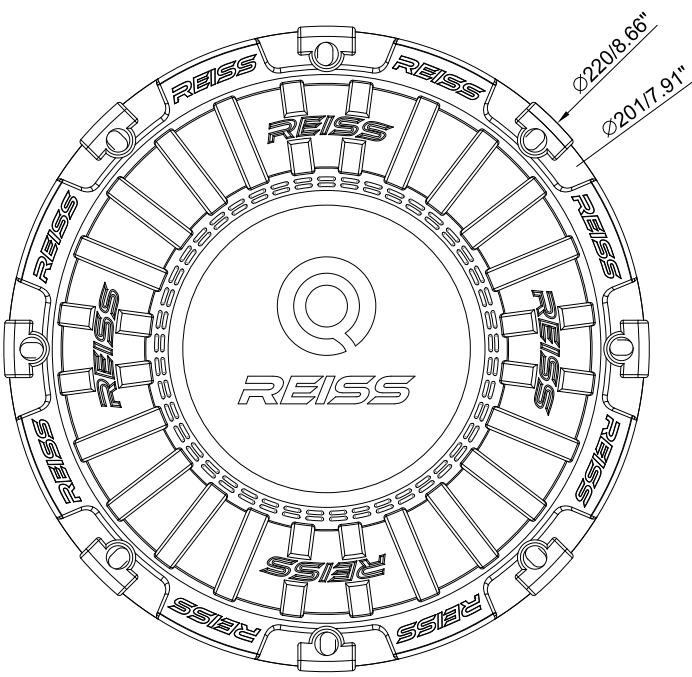
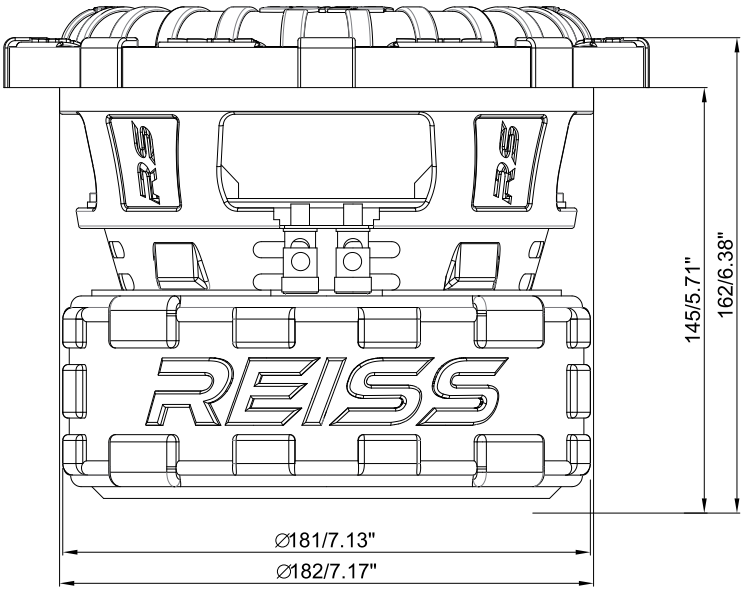
RS-RX8 ULTRA.D4

4Ω+4Ω

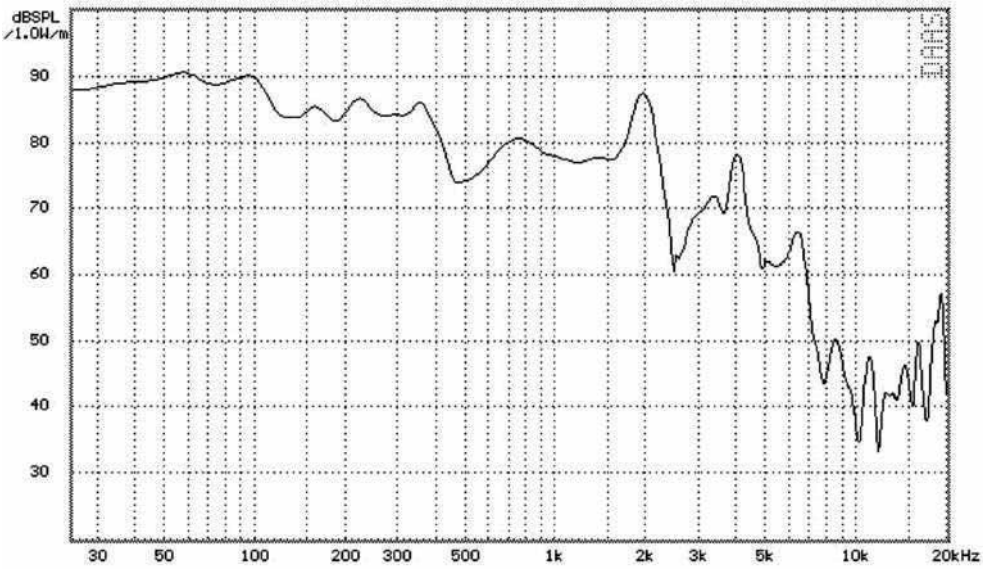


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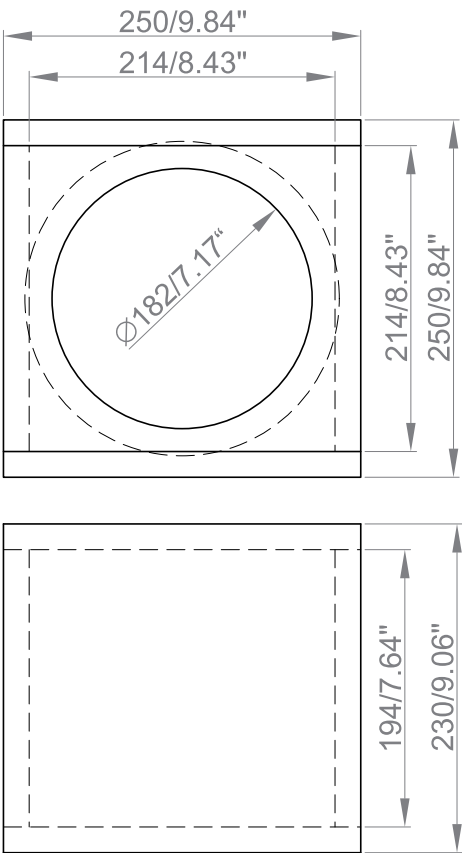
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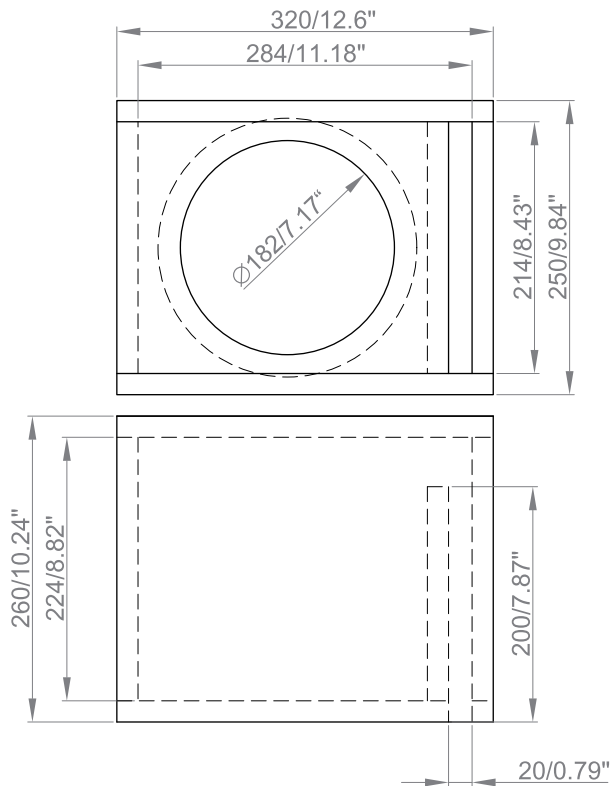
RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



PARAMETERS	WOOD CUTS	QTY
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Material Thickness: 18mm / 0.71"	Front - Rear (WxH): 250mm x 214mm / 9.84" x 8.43"	2
Net Internal Volume: 13.52L / 0.48ft3	Left - Right (WxH) : 194mm x 214mm / 7.64" x 8.43"	2

SINGLE SUBWOOFER PORTED BOX



PARAMETERS

Box External Dimensions:
(WxHxD): 320 x 250 x 260 mm /
12.6" x 9.84" x 10.24"

Material Thickness: 18mm / 0.71"

Net Internal Volume: 18.88L / 0.67ft3

Tuning Frequency: 54.23 Hz

Port Area: 42.8cm2 / 6.63 inch2

Port Intel: 20 x 214 mm / 0.79" x 8.43"

Port Length: 200 mm / 7.87"

WOOD CUTS

Top - Bottom

320 x 260 mm / 12.6" x 10.24"

Front: 320 x 214 mm / 12.6" x 8.43"

Rear: 320 x 214 mm / 12.6" x 8.43"

Left: 224 x 214mm / 8.82" x 8.43"

Right: 224 x 214mm / 8.82" x 8.43"

Port: 200 x 214mm / 7.87" x 8.43"

QTY

2

1

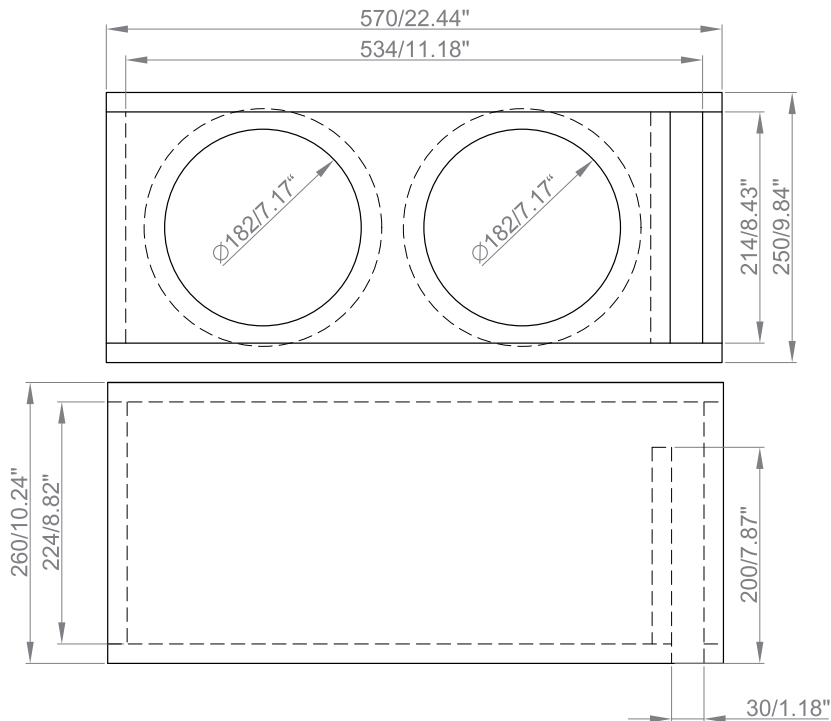
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1

1

1

DOUBLE SUBWOOFER PORTED BOX



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