



OWNER'S MANUAL

6.5" HIGH POWER SUBWOOFER

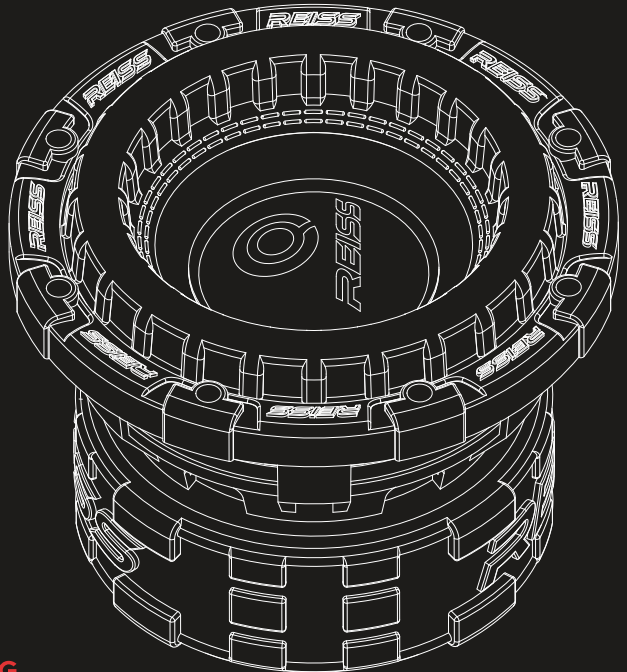
RS-VOLT6.D2

2Ω+2Ω

6.5" HIGH POWER SUBWOOFER

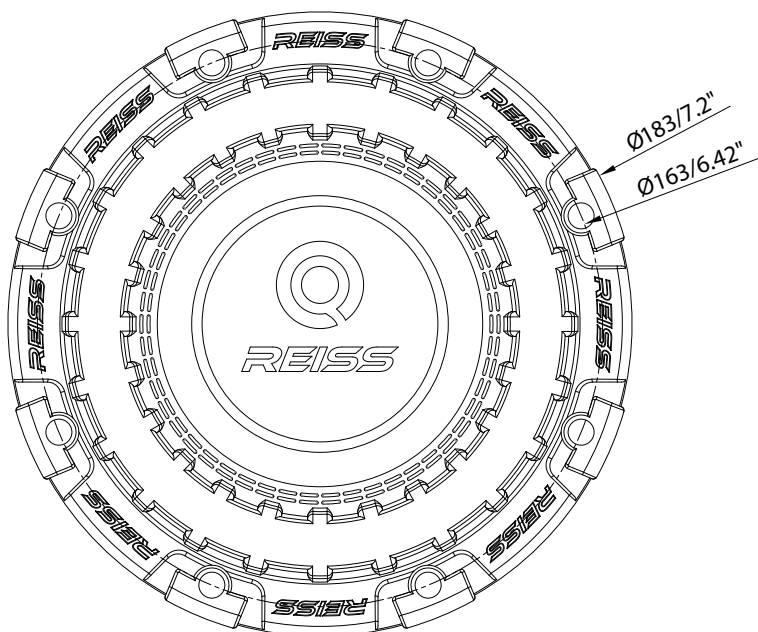
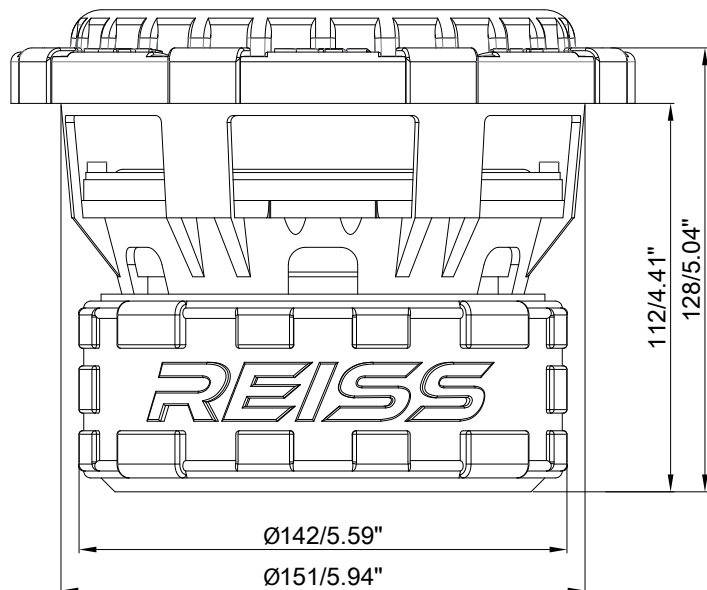
RS-VOLT6.D4

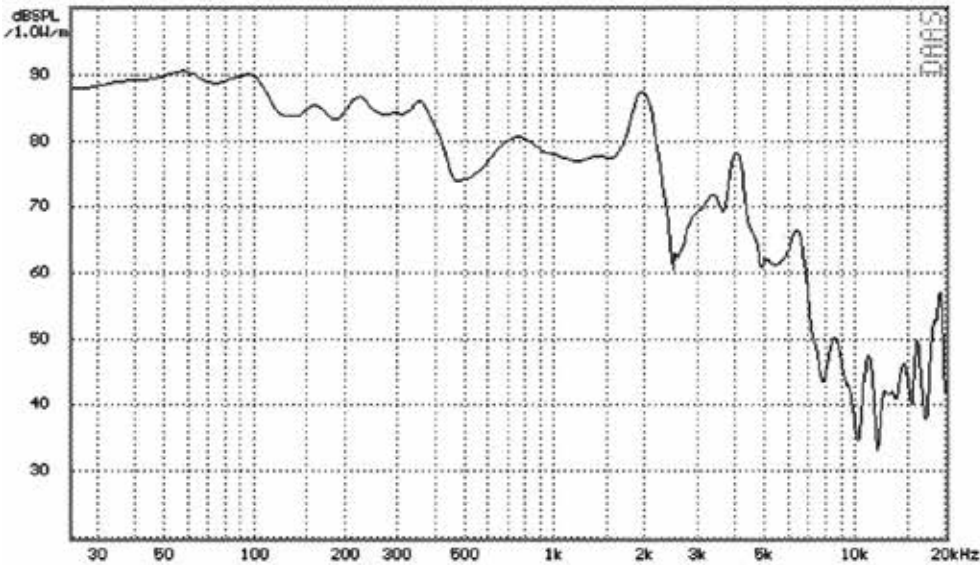
4Ω+4Ω



Since 1985

TURKISH ENGINEERING





SPECIFICATIONS

Nominal Diameter	183mm / 6.5"
Nominal Impedance	2+2 OHMS
RMS Power Handling	400 Watts
MAX Power Handling	800 Watts
Sensitivity(1w/1m)	88 dB
Frequency Response	60Hz - 500Hz
Recommended Lo Pass Crossover	100Hz

MOTOR

Voice Coil Diameter	50.95mm / 2"
Voice Coil Former Material	Black Aluminium
Winding Material	Copper
Cone Material	Reinforced Fiber Composite Non-Pressed Paper
Dustcap Material	Carbon
Surround Material	Foam
Basket Material	Aluminium
Basket Color	Black Diamond Cut
Magnet Material	Ferrite
Magnet Weight	76.4oz
Displacement Volume	0.5L/0.018ft3

THIELE & SMALL PARAMETERS

Equivalent Volume	Vas	2.042L / 0.072ft3
Free Air Resonance	Fs	61.7122Hz
Mechanical Factor	Qms.....	5.019
Electrical Factor	Qes.....	0.52
Total Factor	Qts.....	0.471
Moving Mass	Mms.....	84.005g
Compliance.....	Cms.....	0.079176 mm/N
BL Factor	BL.....	10.261Tm
Voice Coil Inductance	Le.....	1.145 mH
Diaphragm Area	Sd.....	134.78 CM2
DC Resistance	Re.....	3.2+3.2 OHM
Efficiency Bandwidth Product	EBP.....	118.67

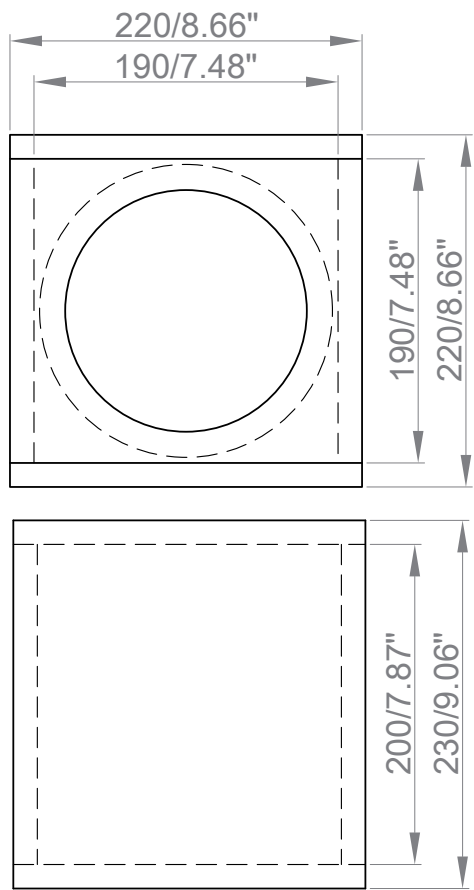
MEASUREMENT

Overall Diameter	183mm / 7.2"
Overall Depth	128mm / 5.04"
Front Mount Baffle Cutout	151mm /5.94"
Mounting Depth	112mm / 4.41"
Motor Diameter	142mm / 5.59"

RECOMMENDED ENCLOSURES

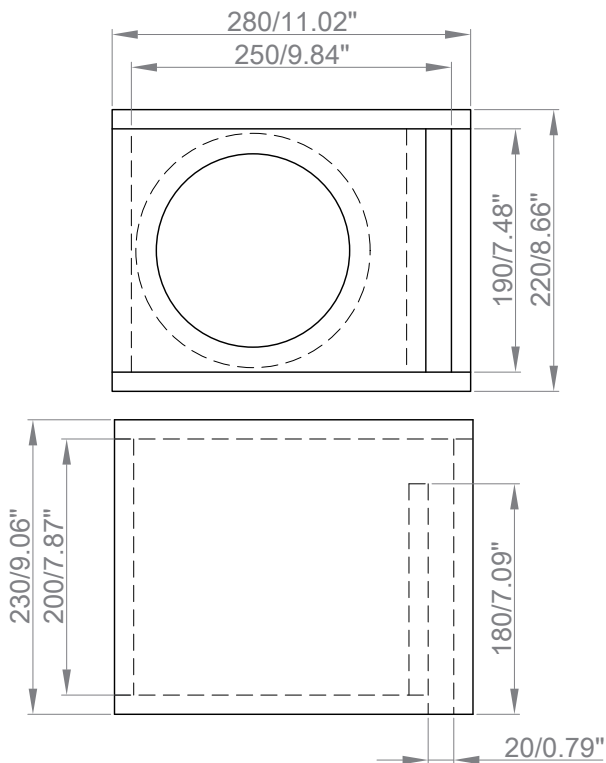
Sealed Internal Volume	10.75L / 0.38ft3
Sealed Box Output Response	113Hz
Ported Internal Volume	12.93L / 0.46ft3
Port Size *Square (WxHxL)	20mm x 190mm x 180mm
	0.79" x 7.48" x 7.09"
Port Tuning Frequency	64.65Hz
Ported Box Output Response	53.75Hz

RECOMMENDED BOX DIMENSION
SINGLE SUBWOOFER SEALED BOX



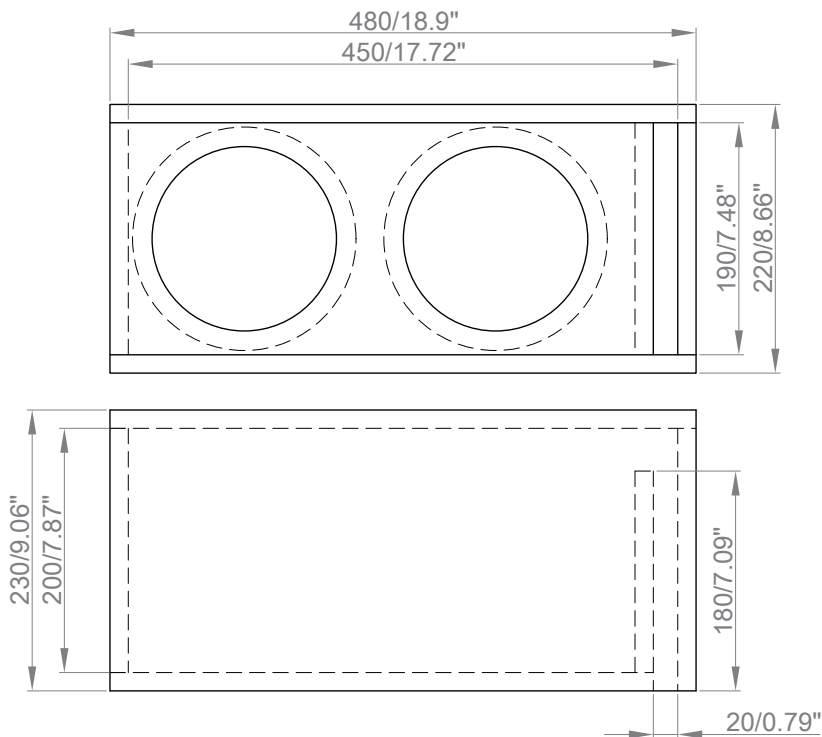
PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 220mm x 220mm x 230mm / 8.66"x 8.66"x 9.06"	Top - Bottom (WxH): 220mm x 230mm / 8.66" x 9.06"	2
Material Thickness: 15mm / 0.59"	Front - Rear (WxH): 220mm x 190m / 8.66" x 7.48"	2
Net Internal Volume: 10.75L / 0.38ft3	Left - Right (WxH) : 200mm x 190mm / 7.87" x 7.48"	2

SINGLE SUBWOOFER PORTED BOX



PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 280 x 220 x 230 mm / 11.02" x 8.66" x 9.06"	Top - Bottom 280 x 230 mm / 11.02" x 9.06"	2
Material Thickness: 15mm / 0.59"	Front: 280 x 190 mm / 11.02" x 7.48"	1
Net Internal Volume: 12.93L / 0.46ft3	Rear: 280 x 190 mm / 11.02" x 7.48"	1
Tuning Frequency: 64.65 Hz	Left: 200 x 190mm / 7.87" x 7.48"	1
Port Area: 38cm2 / 5.89 inch2	Right: 200 x 190mm / 7.87" x 7.48"	1
Port Intel: 20 x 190 mm / 0.79" x 7.48"	Port: 180 x 190mm / 7.09" x 7.87"	1
Port Length: 180 mm / 7.09"		

DOUBLE SUBWOOFER PORTED BOX



PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 480 x 220 x 230mm / 18.9" x 8.66" x 9.06"	Top - Bottom 480 x 230 mm / 18.9" x 9.06"	2
Material Thickness: 15mm / 0.59"	Front: 480 x 190 mm / 18.9" x 7.48"	1
Net Internal Volume: 22.67L / 0.8 ft3	Rear: 480 x 190 mm / 18.9" x 7.48"	1
Tuning Frequency: 48.83 Hz	Left: 200 x 190 mm / 7.87" x 7.48"	1
Port Area: 38 CM2 / 5.89 inch2	Right: 200 x 190 mm / 7.87" x 7.48"	1
Port Intel: 20 x 190 mm / 0.79" x 7.48"	Port: 375 x 299 mm / 14.76" x 11.77"	1
Port Length: 180mm / 7.09 inch2	Port: 180 x 190 mm / 7.09" x 7.87"	1

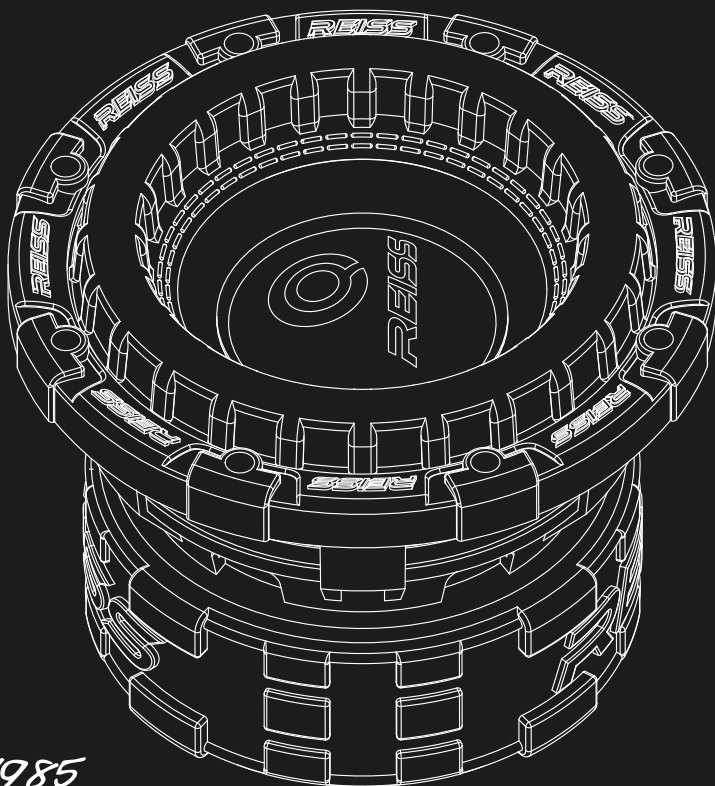


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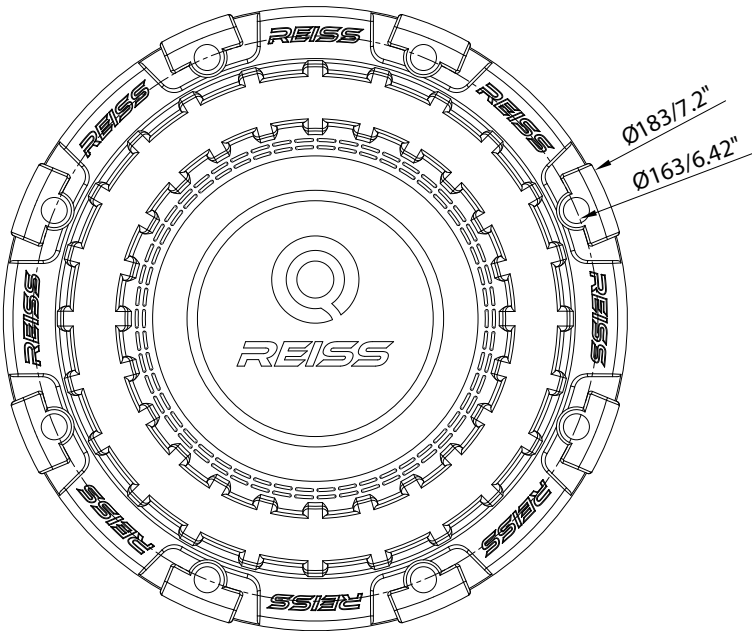
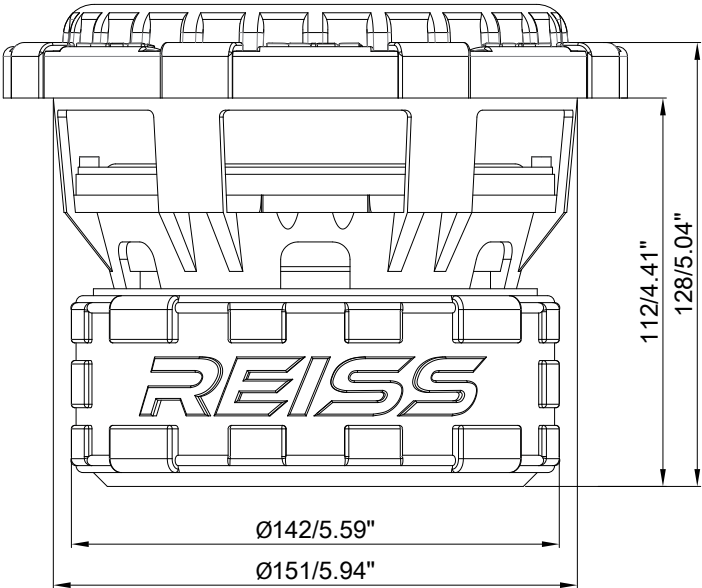
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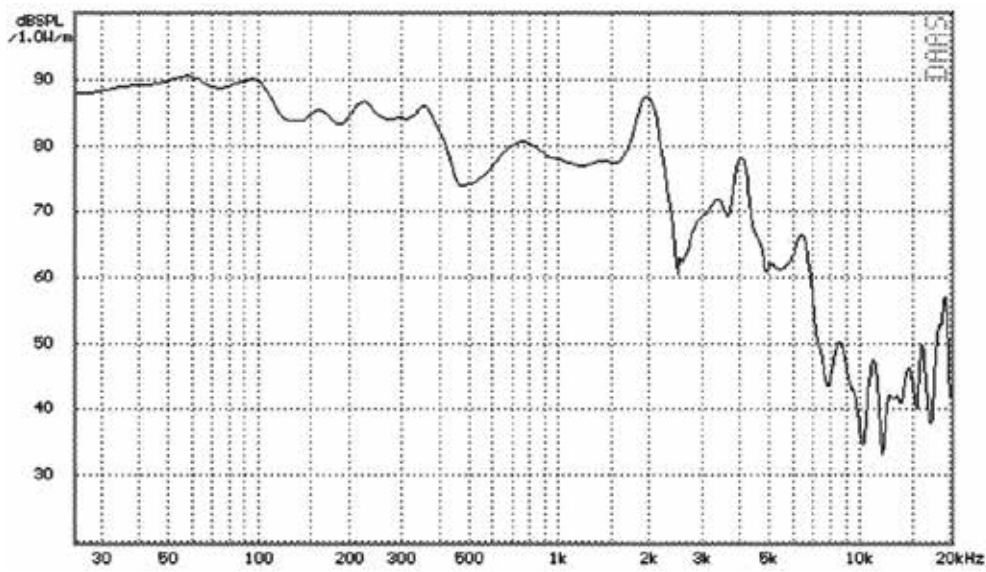
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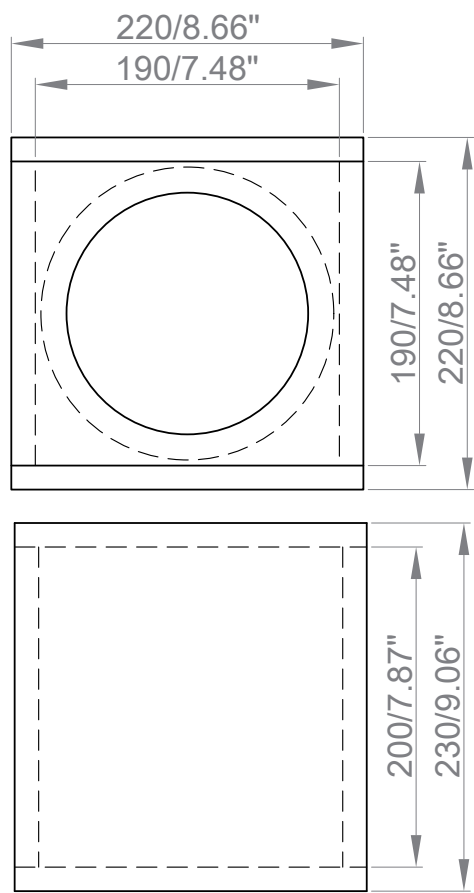
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SINGLE SUBWOOFER SEALED BOX



PARAMETERS

Box External Dimensions:
(WxHxD): 220mm x 220mm x 230mm
/ 8.66" x 8.66" x 9.06"

Material Thickness: 15mm / 0.59"

Net Internal Volume: 10.75L / 0.38ft3

WOOD CUTS

Top - Bottom
(WxH): 220mm x 230mm / 8.66" x 9.06"

Front - Rear
(WxH): 220mm x 190mm / 8.66" x 7.48"

Left - Right
(WxH) : 200mm x 190mm / 7.87" x 7.48"

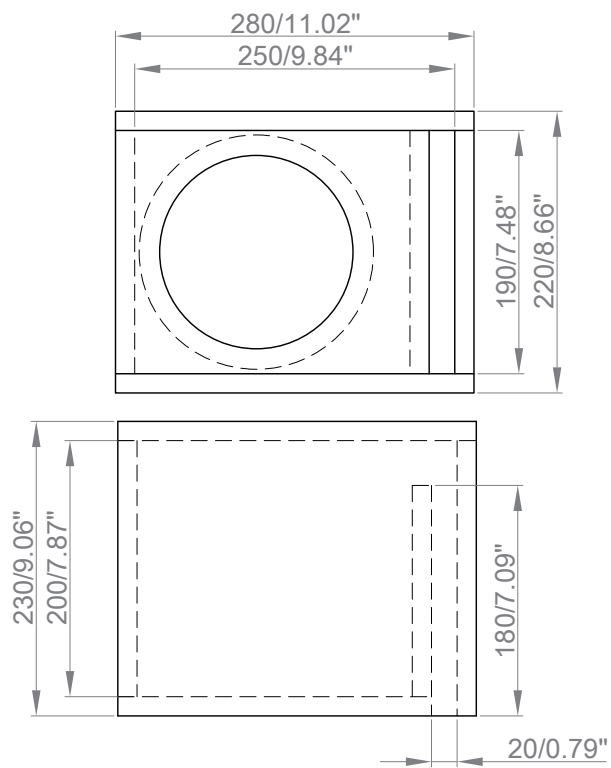
QTY

2

2

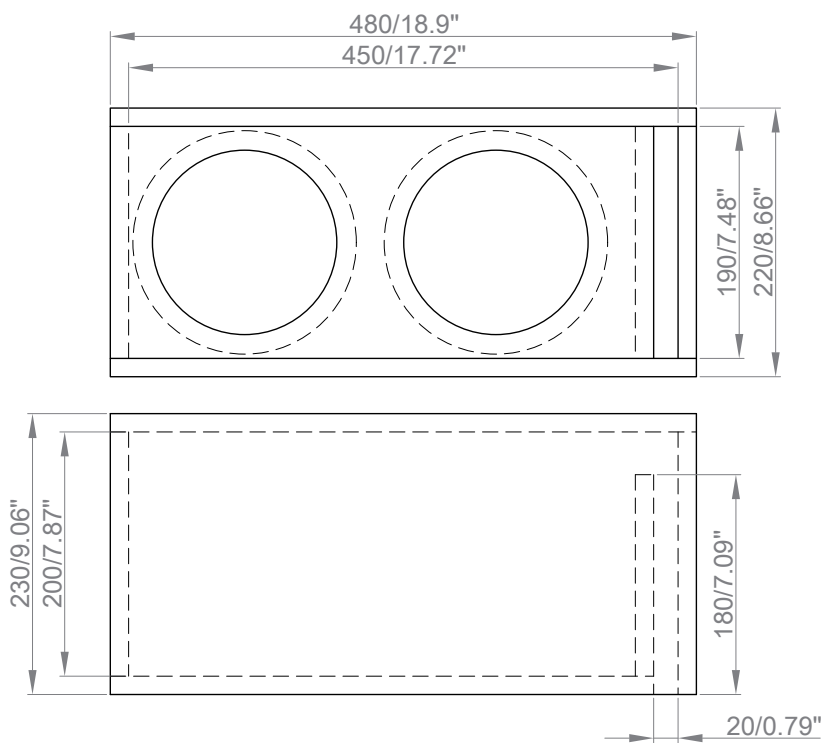
2

SINGLE SUBWOOFER PORTED BOX



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	Front: 280 x 190 mm / 11.02" x 7.48"	1
Material Thickness: 15mm / 0.59"	Rear: 280 x 190 mm / 11.02" x 7.48"	1
Net Internal Volume: 12.93L / 0.46ft3	Left: 200 x 190mm / 7.87" x 7.48"	1
Tuning Frequency: 64.65 Hz	Right: 200 x 190mm / 7.87" x 7.48"	1
Port Area: 38cm2 / 5.89 inch2	Port: 180 x 190mm / 7.09" x 7.87"	1
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