



REISS AUDIO

OWNER'S MANUAL

RS-THUNDER15 D1

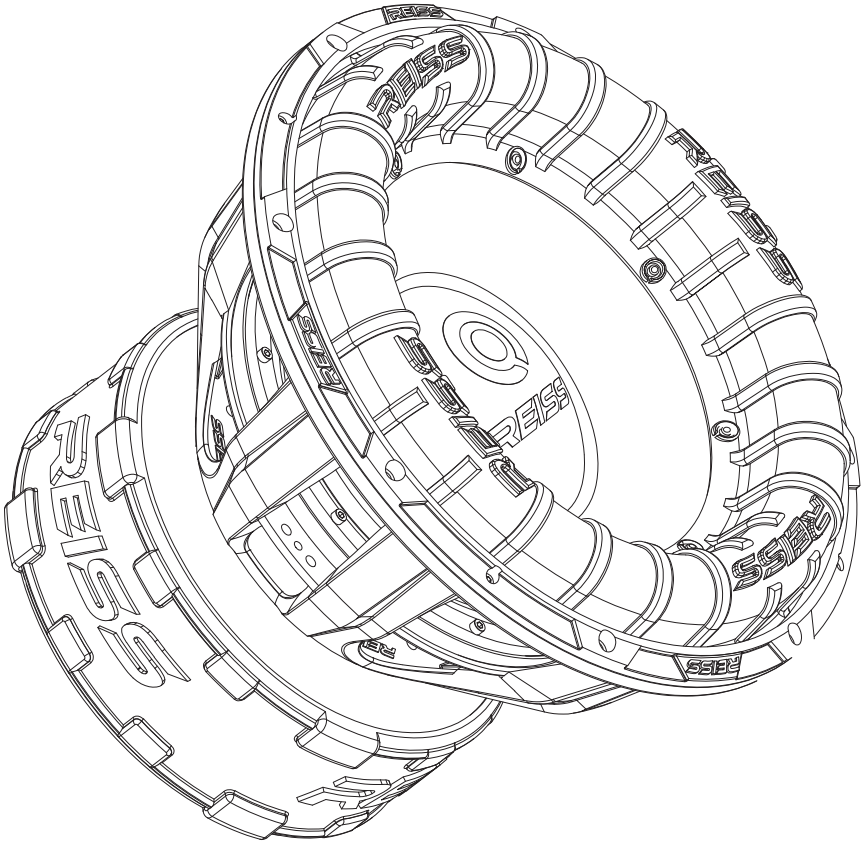
15" COMPETITION
HIGH POWER SUBWOOFER

1+1 Ω

RS-THUNDER15 D2

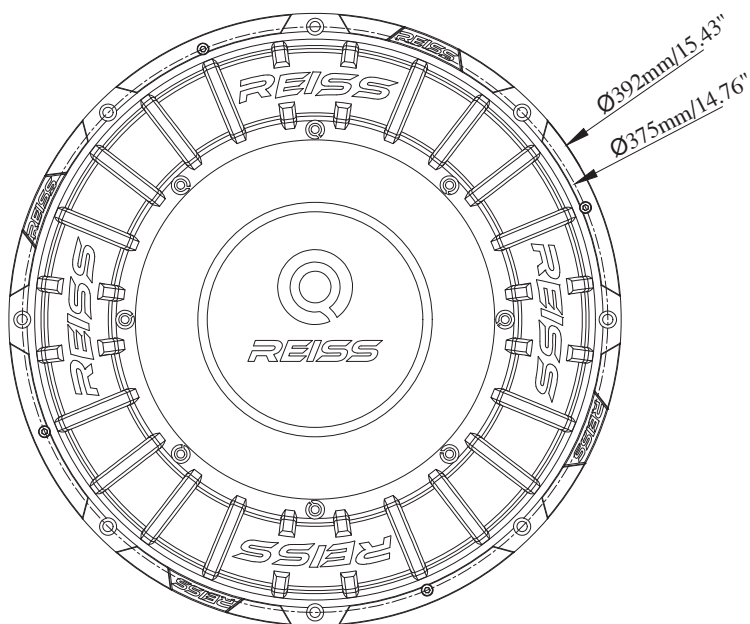
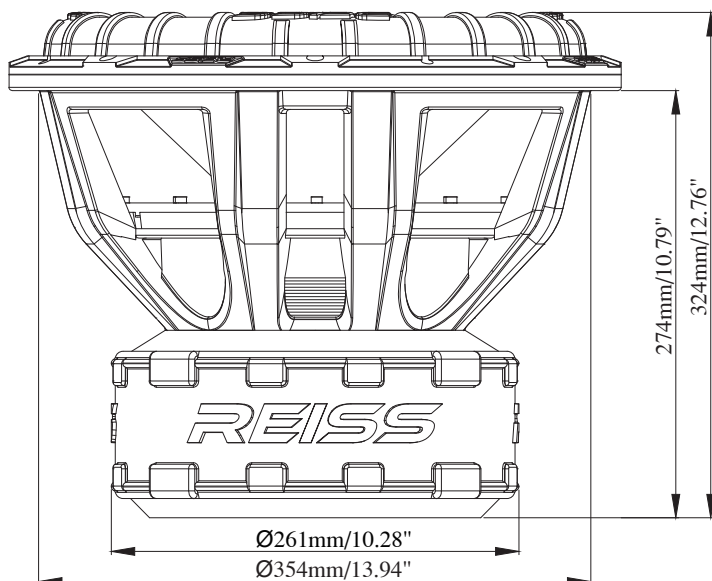
15" COMPETITION
HIGH POWER SUBWOOFER

2+2 Ω

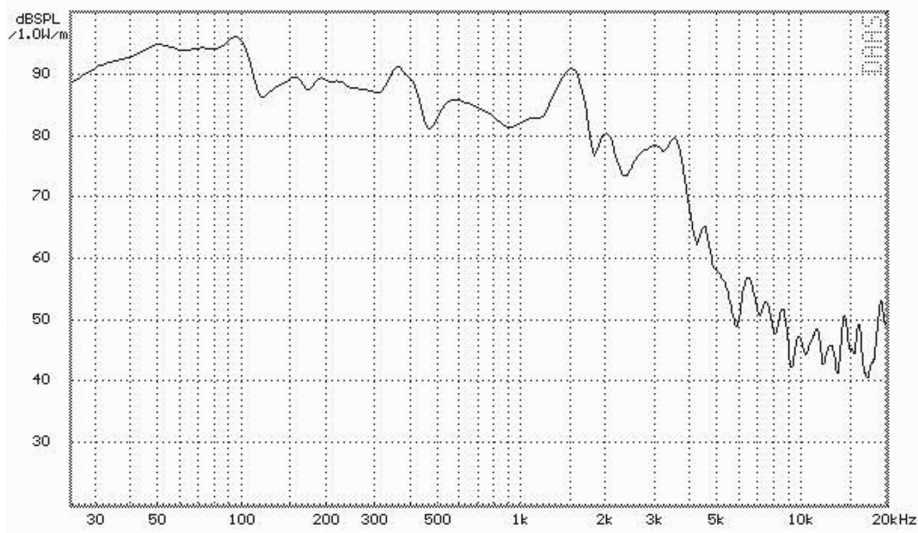


Turkish Engineering Since 1985

RS-THUNDER15 D1



RS-THUNDER15 D1



SPECIFICATIONS

Nominal Diameter	15" / 381mm
Nominal Impedance	1+1 OHMS
RMS Power Handling	4000 Watts
MAX Power Handling	8000 Watts
Sensitivity(1w/1m)	87 dB
Frequency Response	30Hz - 500Hz
Recommended Lo Pass Crossover.....	80Hz

MOTOR

Voice Coil Diameter	4" / 100mm
Voice Coil Former Material	Black Aluminium
Winding Material	CCAR
Cone Material	Classfibre & Paper Compound
Dustcap Material	Classfibre
Surround Material	Foam
Basket Material	Alumimium
Basket Color / Finish	Glossy Black With Machined Aluminium
Magnet Material	Ferrite
Magnet Weight	489oz
Displacement Volume	6.321L/0.223ft3

THIELE & SMALL PARAMETERS

Equivalent Volume	Vas	19.05L / 0.67 ft3
Free Air Resonance	Fs	38.7Hz
Mechanical Factor	Qms	3.033
Electrical Factor	Qes	0.375
Total Factor	Qts	0.334
Moving Mass	Mms	604.557g
Compliance	Cms	0.027974 mm/N
BL Factor	BL	12.525 Tm
Voice Coil Inductance	Le	0.4825 mH
Diaphragm Area	Sd	692.44 CM2
DC Resistance	Re	0.8+0.8 OHM
Efficiency Bandwidth Product	EBP.....	103.2

MEASUREMENT

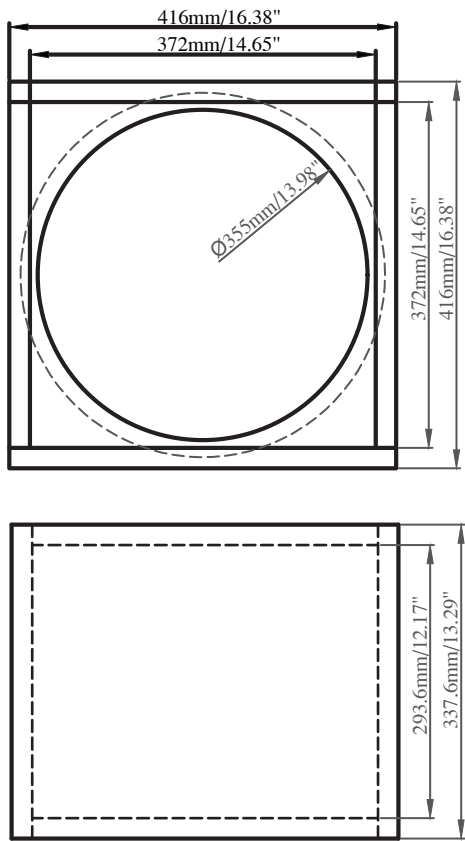
Overall Diameter	392mm / 15.43"
Overall Depth	324mm / 12.76"
Front Mount Baffle Cutout	354mm /13.94"
Mounting Depth	274mm / 10.79"
Motor Diameter	250mm / 9.84"

RECOMMENDED ENCLOSURES

Sealed Internal Volume	41.7L / 1.47ft3
Sealed Box Output Response	86.31Hz
Ported Internal Volume	56.32L / 1.99ft3
Port Size *Square (WxHxL)	30mm x 372mm x 469.3mm
	1.18" x14.65" x 16.57"
Port Tuning Frequency	36.18Hz
Ported Box Output Response	32.23Hz

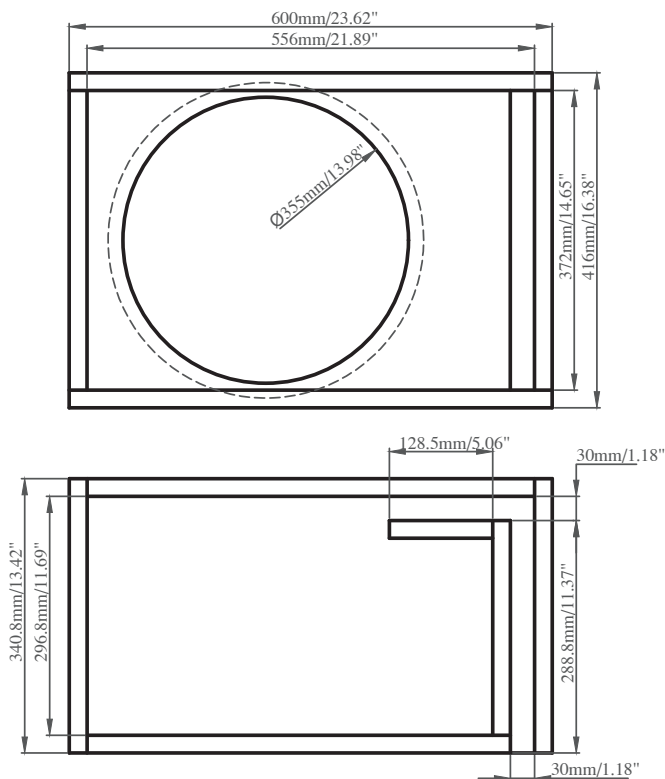
RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



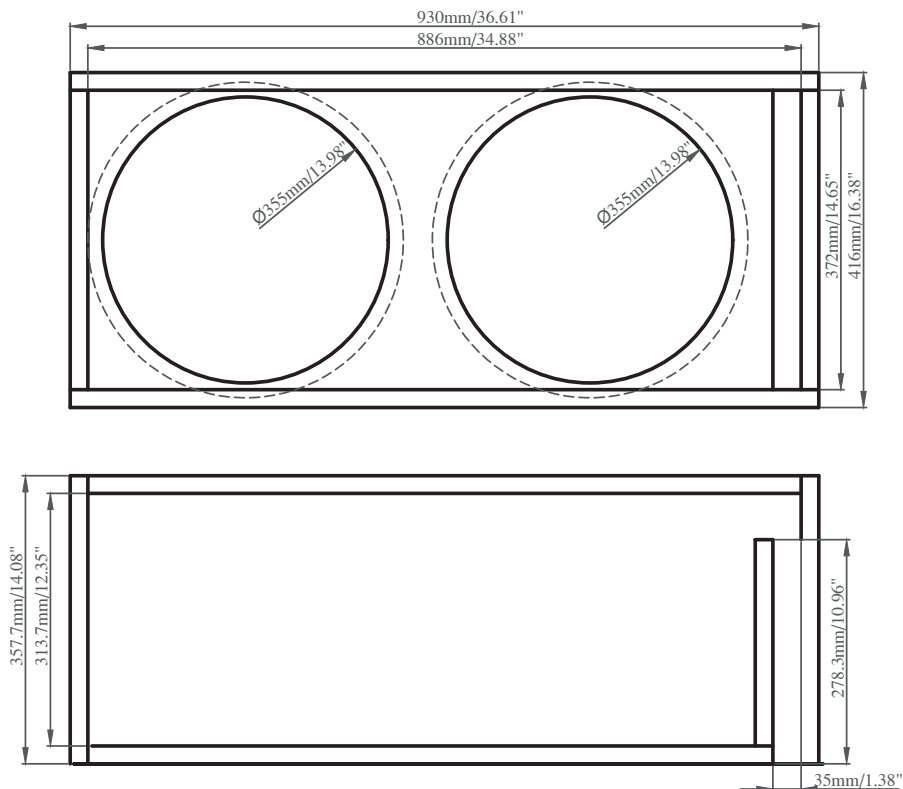
PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 416mm x 416mm x 337.6mm / 16.38"x 16.38"x 13.29"	Top - Bottom (WxH): 416mm x 337.6mm / 16.38" x 13.29"	2
Material Thickness: 22mm / 0.87"	Front - Rear (WxH): 372mm x 372m / 14.65" x 14.65"	2
Net Internal Volume: 41.7L / 1.47ft3	Left - Right (WxH) : 372mm x 337.6mm / 14.65" x 13.29"	2

SINGLE SUBWOOFER PORTED BOX



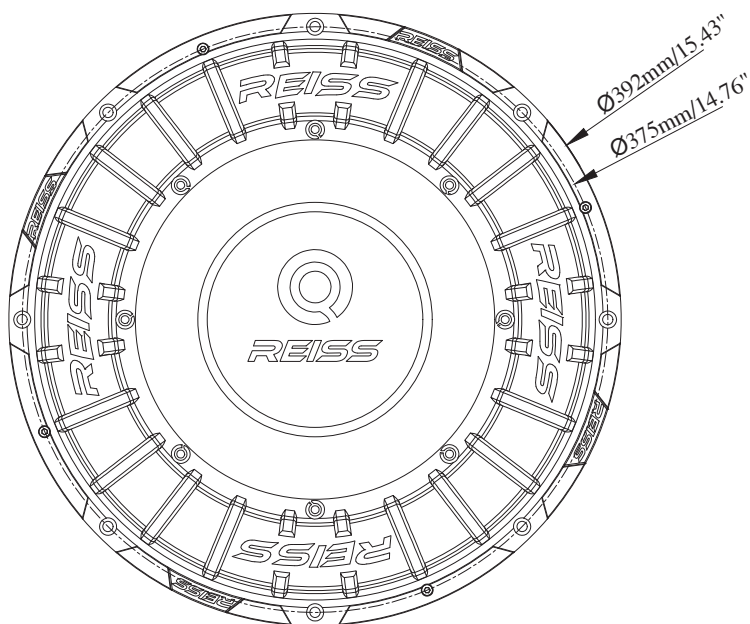
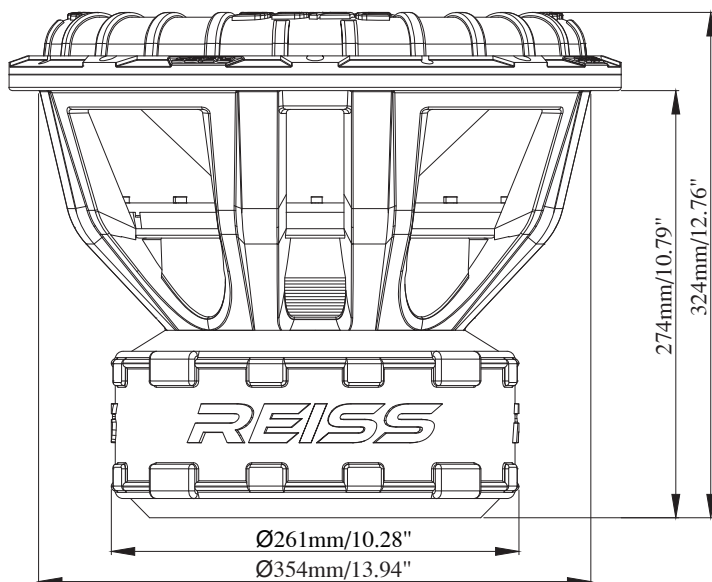
PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 600 x 416 x 340.8 mm / 23.62" x 16.38" x 13.42"	Top - Bottom 600 x 340.8 mm / 23.62" x 13.42"	2
Material Thickness: 22mm / 0.87"	Front: 504 x 372 mm / 19.84" x 14.65"	1
Net Internal Volume: 56.32L / 1.99ft3	Rear: 556 x 372 mm / 21.89" x 14.65"	1
Tuning Frequency: 36.18 Hz	Left: 340.8 x 372mm / 13.42" x 14.65"	1
Port Area: 102.57cm2 / 15.9 inch2	Right: 340.8 x 372mm / 13.42" x 14.65"	1
Port Intel: 30 x 372 mm / 1.18" x 14.65"	Port: 288.8 x 372mm / 11.37" x 14.65"	1
Port Length: 468.3 mm / 18.44"	Port: 128.5 x 372mm / 14.79" x 14.65"	1

DOUBLE SUBWOOFER PORTED BOX

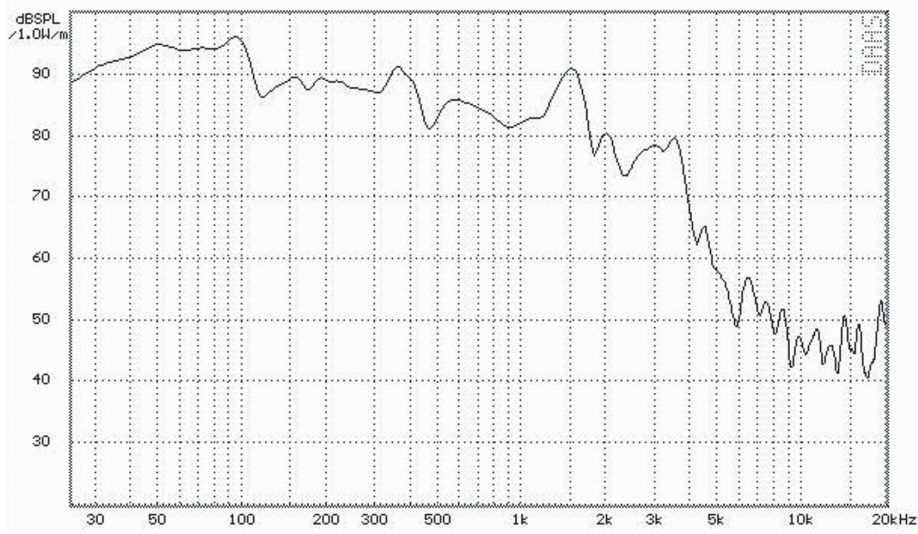


PARAMETERS	WOOD CUTS	QTY
Box External Dimensions: (WxHxD): 930 x 416 x 357.7mm / 36.61" x 16.38" x 14.08"	Top - Bottom 930 x 357.7 mm / 36.61" x 14.08"	2
Material Thickness: 22mm / 0.87"	Front: 851 x 372 mm / 33.5" x 14.65"	1
Net Internal Volume: 102.64L / 4.03 ft3	Rear: 886 x 372 mm / 34.88" x 14.65"	1
Tuning Frequency: 36.18 Hz	Left: 357.7 x 372 mm / 14.08" x 14.65"	1
Port Area: 148.8 CM2 / 23.06 inch2	Right: 357.7 x 372 mm / 14.08" x 14.65"	1
Port Intel: 40 x 329.6 mm / 1.57" X 12.98"	Port: 278.3 x 372 mm / 10.96" x 14.65"	1
Port Length: 278.3mm / 10.96 inch2		

RS-THUNDER15 D2



RS-THUNDER15 D2



SPECIFICATIONS

Nominal Diameter	15" / 381mm
Nominal Impedance	2+2 OHMS
RMS Power Handling	4000 Watts
MAX Power Handling	8000 Watts
Sensitivity(1w/1m)	87 dB
Frequency Response	30Hz - 500Hz
Recommended Lo Pass Crossover	80Hz

MOTOR

Voice Coil Diameter	4" / 100mm
Voice Coil Former Material	Black Aluminium
Winding Material	CCAR
Cone Material	Classfibre & Paper Compound
Dustcap Material	Classfibre
Surround Material	Foam
Basket Material	Alumimium
Basket Color / Finish	Glossy Black With Machined Aluminium
Magnet Material	Ferrite
Magnet Weight	489oz
Displacement Volume	6.321L/0.223ft3

THIELE & SMALL PARAMETERS

Equivalent Volume	Vas	17.275L / 0.61 ft3
Free Air Resonance	Fs	42.02Hz
Mechanical Factor	Qms	3.728
Electrical Factor	Qes	0.476
Total Factor	Qts	0.422
Moving Mass	Mms	565.465g
Compliance	Cms	0.025373 mm/N
BL Factor	BL	15.836 Tm
Voice Coil Inductance	Le	0.8066 mH
Diaphragm Area	Sd	692.44 CM2
DC Resistance	Re	1.6+1.6 OHM
Efficiency Bandwidth Product	EBP.....	88.27

MEASUREMENT

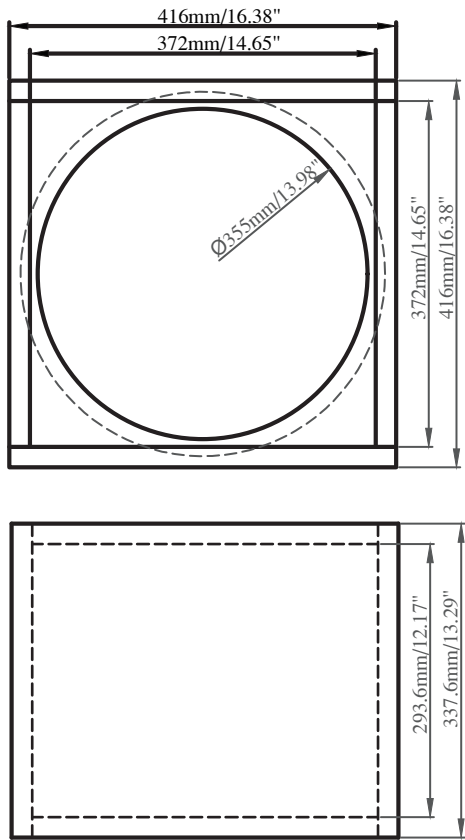
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Port Tuning Frequency	36.18Hz
Ported Box Output Response	32.23Hz

RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



PARAMETERS

Box External Dimensions:
(WxHxD): 416mm x 416mm x 337.6mm
/ 16.38"x 16.38"x 13.29"

Material Thickness: 22mm / 0.87"

Net Internal Volume: 41.7L / 1.47ft3

WOOD CUTS

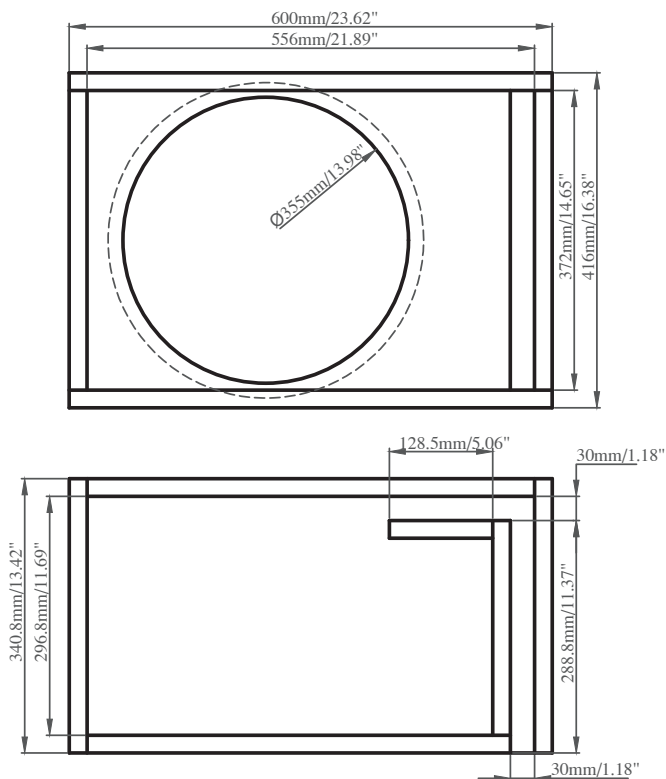
Top - Bottom
(WxH): 416mm x 337.6mm / 16.38" x 13.29" 2

Front - Rear
(WxH): 372mm x 372mm / 14.65" x 14.65" 2

Left - Right
(WxH): 372mm x 337.6mm / 14.65" x 13.29" 2

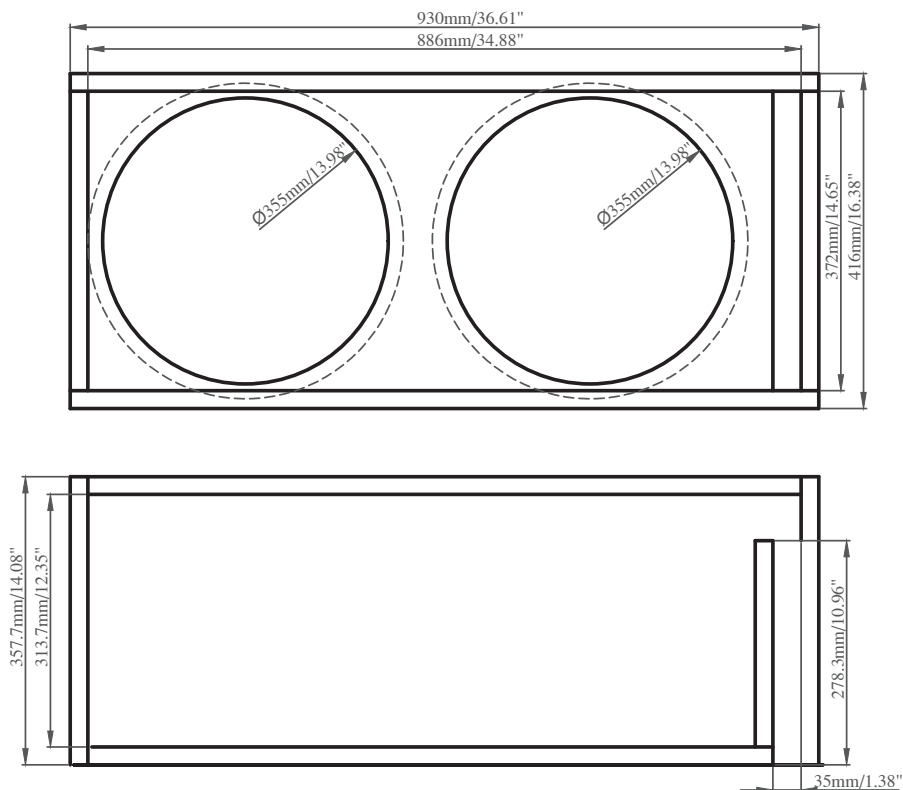
QTY

SINGLE SUBWOOFER PORTED BOX



PARAMETERS	WOOD CUTS	QTY
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Port Intel: 40 x 329.6 mm / 1.57" X 12.98"	Port: 278.3 x 372 mm / 10.96" x 14.65"	1
Port Length: 278.3mm / 10.96 inch2		



**FOR MORE INFORMATION
PLEASE VISIT
www.reissaudio.com.tr**

Turkish Engineering Since 1985

REİS ELEKTRONİK SANAYİ VE TİCARET A.Ş
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