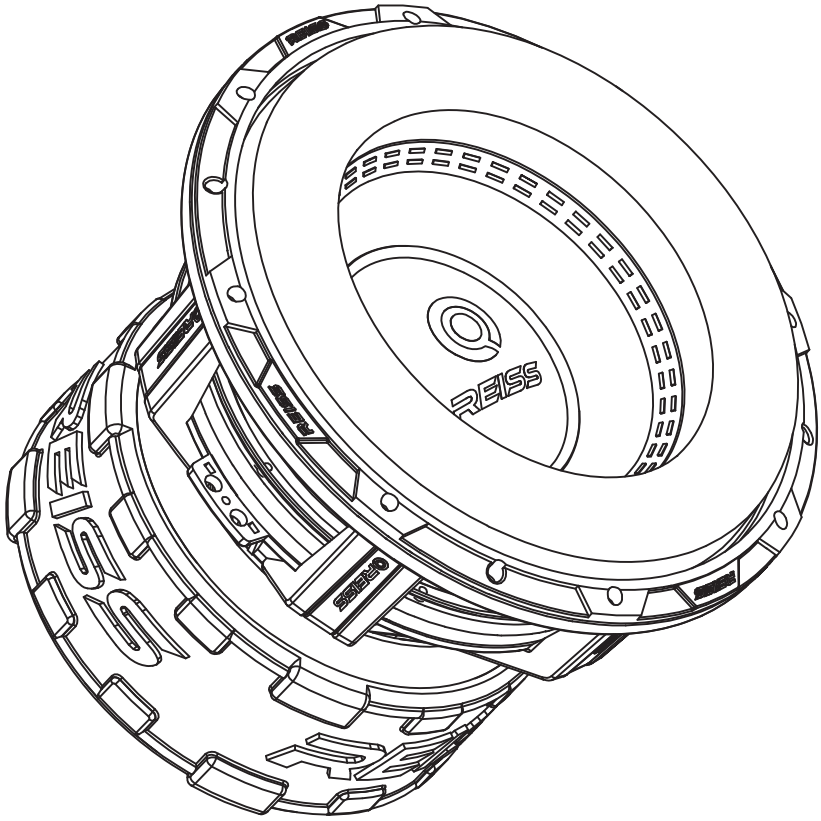
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OWNER'S MANUAL

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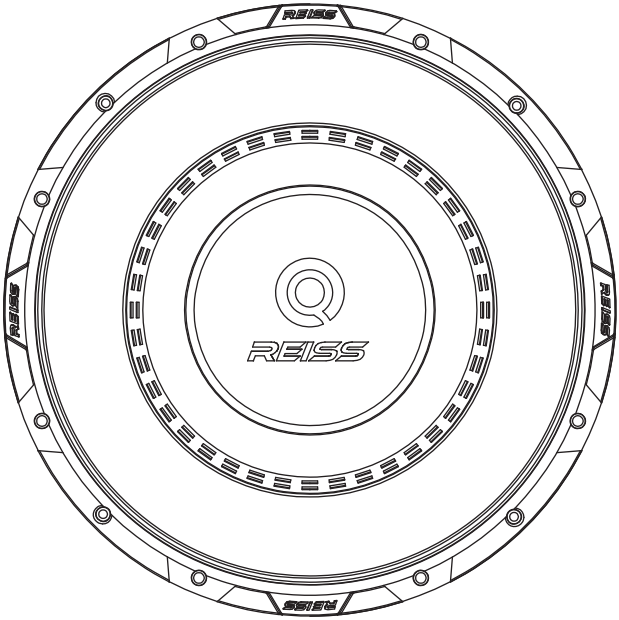
15" COMPETITION
HIGH POWER SUBWOOFER

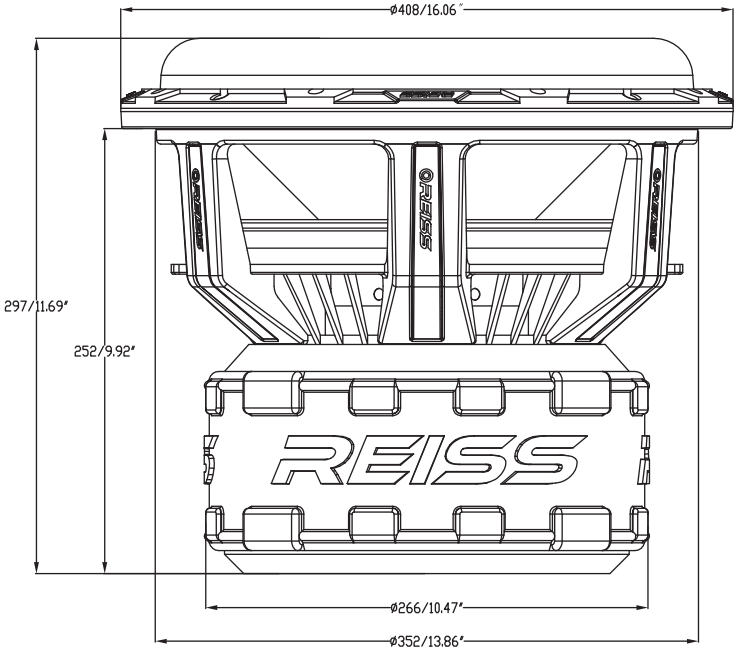
1+1 Ω



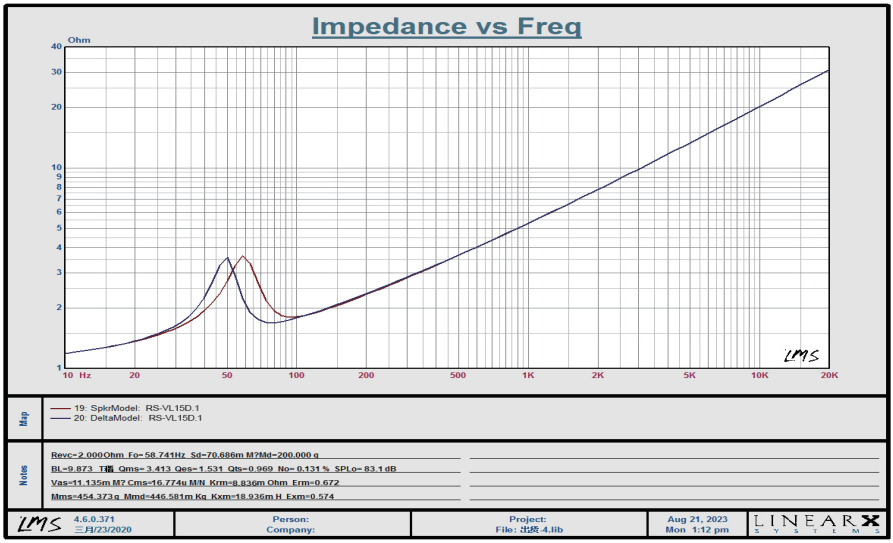
Turkish Engineering Since 1985

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SPECIFICATIONS

Nominal Diameter / ..... 15" / 408 mm
Nominal Impedance / ..... 1+1 OHMS
RMS Power Handling / ..... 3000 Watts
MAX Power Handling / ..... 6000 Watts
Sensitivity (1w/1m) / ..... 83.5 dB
Frequency Response / ..... 38Hz - 500Hz
Recommended Lo Pass Crossover / ..... 70 Hz

MOTOR

Voice Coil Diameter / ..... 4" / 99.2 mm
Voice Coil Former Material / ..... Black Aluminum
Winding Material / ..... CCAR
Cone Material / ..... Glass Fiber
Dust Cap Material /..... Glass Fiber
Surround Material / ..... Foam
Basket Material / ..... Aluminum
Basket Color | Finish /..... Black wrinkle Coating with Machined Aluminum
Magnet Material / ..... Ferrite
Magnet Weight / ..... 500 Oz

RS-VL15.01

THIELE & SMALL PARAMETERS

Equivalent Volume /	Vas	11.13 L / 0.393 ft3
Free Air Resonance /	Fs	58.7 Hz
Mechanical Factor /	Qms	3.41
Electrical Factor /	Qes	1.531
Total Factor /	Qts	0.969
Moving Mass /	Mms	454.37 g
Compliance /	Cms	0.016 mm/N
Bl Factor /	Bl	11.1
Voice Coil Inductance /	Le	0.574 mH
Diaphragm Area /	Sd	706.86 cm2
DC Resistance /	Re	1.0+1.0 OHM

MEASUREMENT

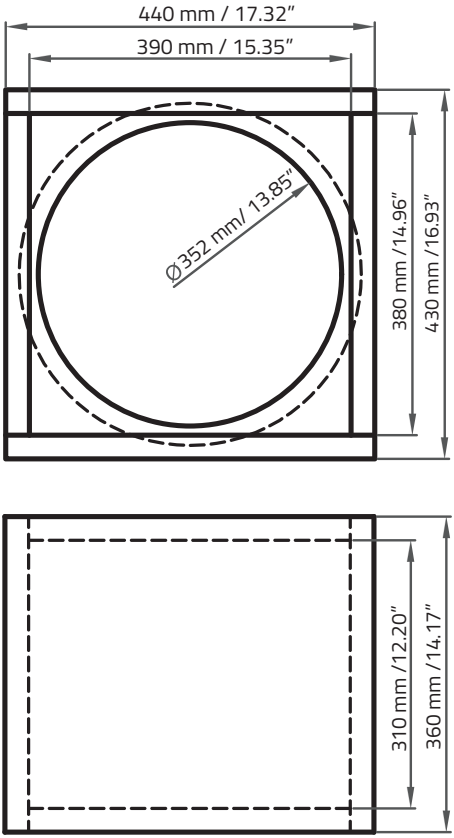
Overall Diameter /	16.06” / 408 mm
Overall Depth /	11.69” / 297 mm
Front Mount Baffle Cutout. /	13.86” / 352 mm
Mounting Depth /	9.92” / 252 mm
Motor Diameter /	9.84" / 250 mm

RECOMMENDED ENCLOSURES

Sealed Internal Volume /	45L / 1.56 ft3
Sealed Box Output Response /	47.8 Hz
Ported Internal Volume /	75L / 2.65 ft3
Port Size *Square (WxHxLong) /	3.14" x 15.74" x 31.10" / 80 mm x 400 mm x 790 mm
Port Tunning Frequency /	36 Hz
Ported Box Output Response /	29 Hz

RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



PARAMETERS

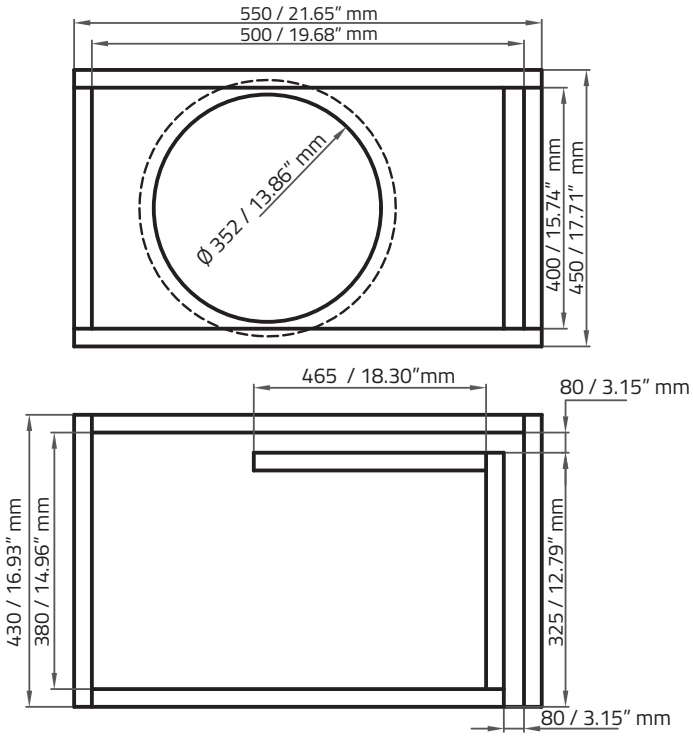
Box External Dimensions:
(WxHxD): 17.32"x 16.93"x 14.1" /
440 mm x 430mm x 360mm

Material Thickness: 0.98" / 25mm

Net Internal Volume: 1.59 ft3 / 45 L

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SINGLE SUBWOOFER PORTED BOX



PARAMETERS

Box External Dimensions:
(WxHxD): 21.65" x 17.71" x 16.93" / 550 mm x 450 mm x 430 mm

Material Thickness: 0.98" / 25mm

Net Internal Volume: 2.65 ft3 / 75 L

Tuning Frequency: 36 Hz

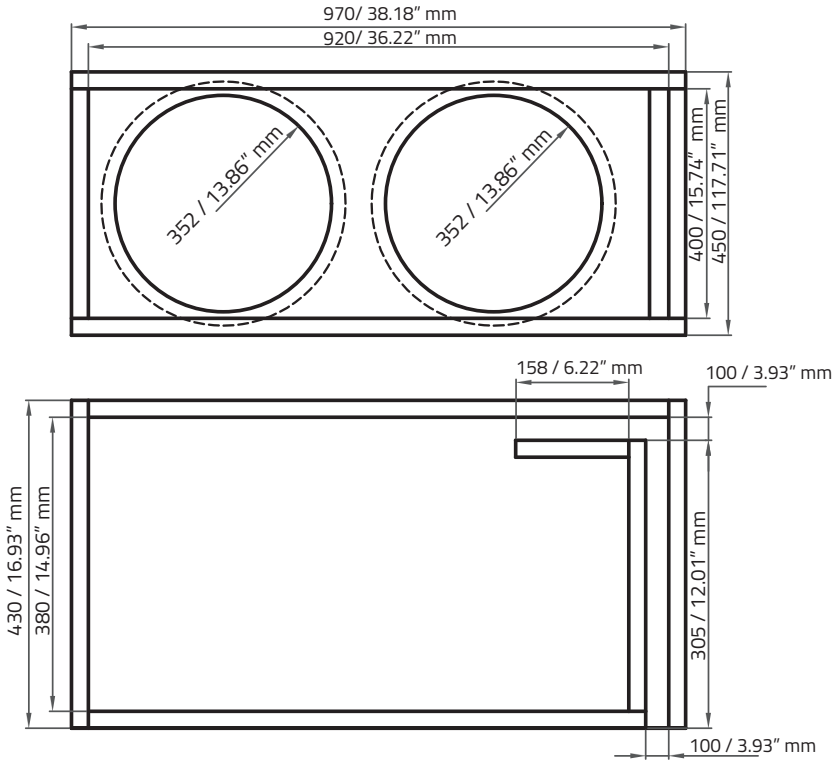
Port Area: 49.58 inch2 / 320 CM2

Port Intel: 3.15" x 15.74"

Port Length: 31.10" / 790 mm

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DOUBLE SUBWOOFER PORTED BOX



PARAMETERS

Box External Dimensions:
(WxHxD): 38.18" x 17.71" x 16.93" / 970 mm x 450 mm x 430 mm

Material Thickness: 0.98" / 25mm

Net Internal Volume: 4.9 ft3 / 140L

Tuning Frequency: 36 Hz

Port Area: 61.85 inch2 / 400 CM2

Port Intel: 3.93" x 15.74"

Port Length: 18.22" / 463 mm

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FOR MORE INFORMATION
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www.reissaudio.com.tr

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