

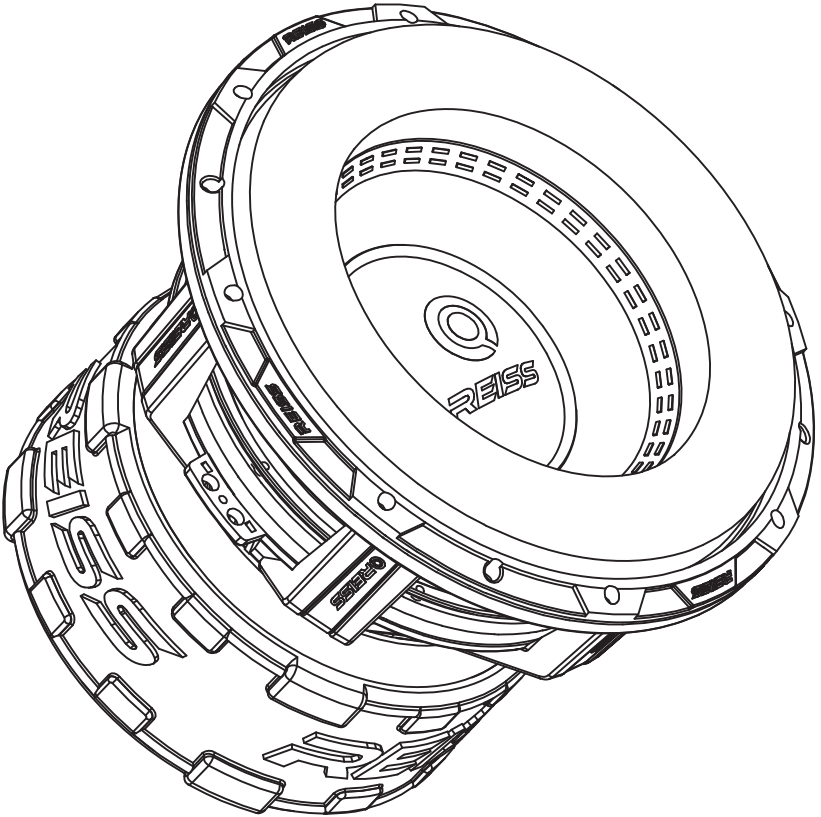


OWNER'S MANUAL

RS-VL12.04

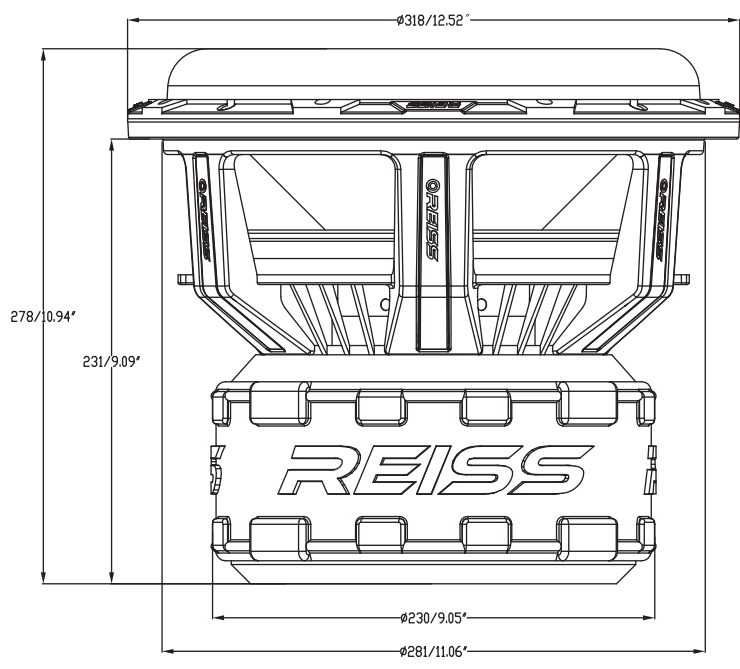
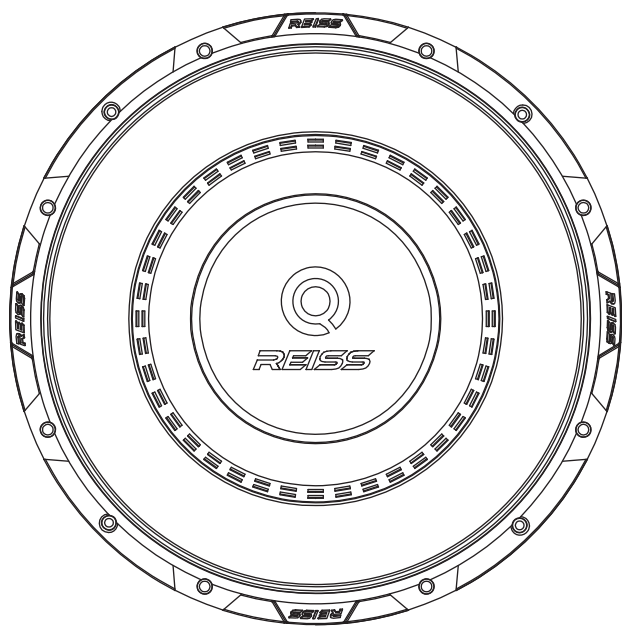
12" COMPETITION
HIGH POWER SUBWOOFER

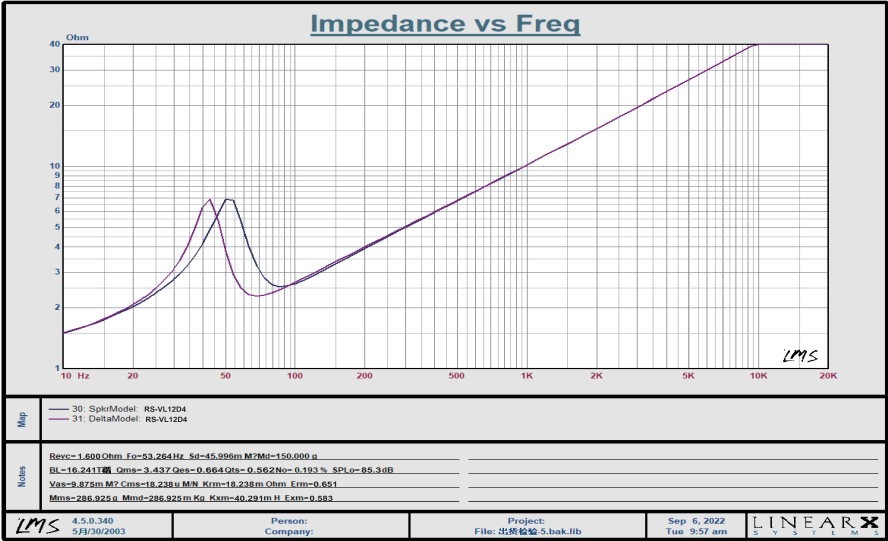
4+4 Ω



Turkish Engineering Since 1985

RS-VL12.04





SPECIFICATIONS

Nominal Diameter /	12" / 318 mm
Nominal Impedance /	4+4 OHMS
RMS Power Handling /	2500 Watts
MAX Power Handling /	5000 Watts
Sensitivity (1w/1m) /	84.9 dB
Frequency Response /	40Hz - 500Hz
Recommended Lo Pass Crossover /	80 Hz

MOTOR

Voice Coil Diameter /	3" / 76.5 mm
Voice Coil Former Material /	Black Aluminum
Winding Material /	CCAW
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 /	418 Oz

THIELE & SMALL PARAMETERS

Equivalent Volume /	Vas	9.87 L / 0.349 ft3
Free Air Resonance /	Fs	53.2 Hz
Mechanical Factor /	Qms	3.43
Electrical Factor /	Qes	0.664
Total Factor /	Qts	0.562
Moving Mass /	Mms	286.92 g
Compliance /	Cms	0.018 mm/N
BI Factor /	BI	16.2
Voice Coil Inductance /	Le	0.583 mH
Diaphragm Area /	Sd	459.96 cm2
DC Resistance /	Re	3.2+3.2 OHM

MEASUREMENT

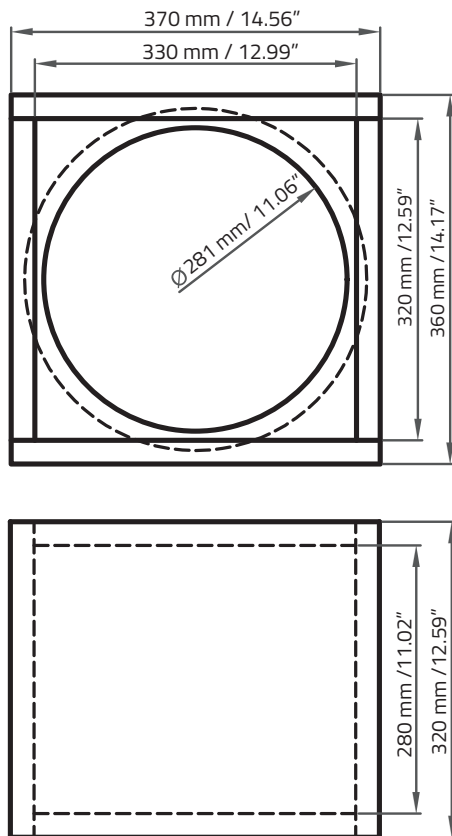
Overall Diameter /	12.52" / 318 mm
Overall Depth /	10.9" / 278 mm
Front Mount Baffle Cutout. /	11.06" / 281 mm
Mounting Depth /	9.09" / 231 mm
Motor Diameter /	8.66" / 220 mm

RECOMMENDED ENCLOSURES

Sealed Internal Volume /	30L / 1.06 ft3
Sealed Box Output Response /	58.5 Hz
Ported Internal Volume /	40L / 1.41 ft3
Port Size *Square (WxHxLong) /	1.37" x 12.59" x 16.33" / 35 mm x 320 mm x 415 mm
Port Tuning Frequency /	40 Hz
Ported Box Output Response /	33 Hz

RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



PARAMETERS

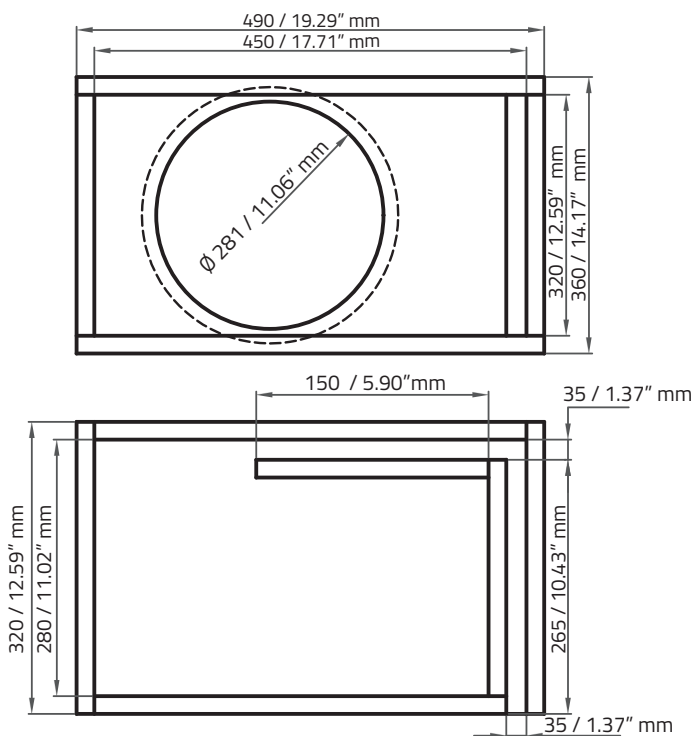
Box External Dimensions:

(WxHxD): 14.56"x 14.17"x 12.59" /
370 mm x 360mm x 320mm

Material Thickness: 0.78" / 20mm

Net Internal Volume: 1.06 ft³ / 30 L

SINGLE SUBWOOFER PORTED BOX



PARAMETERS

Box External Dimensions:

(WxHxD): 19.29" x 14.17" x 12.59" /
490 mm x 360 mm x 320 mm

Material Thickness: 0.78" / 20mm

Net Internal Volume: 1.41 ft³ / 40 L

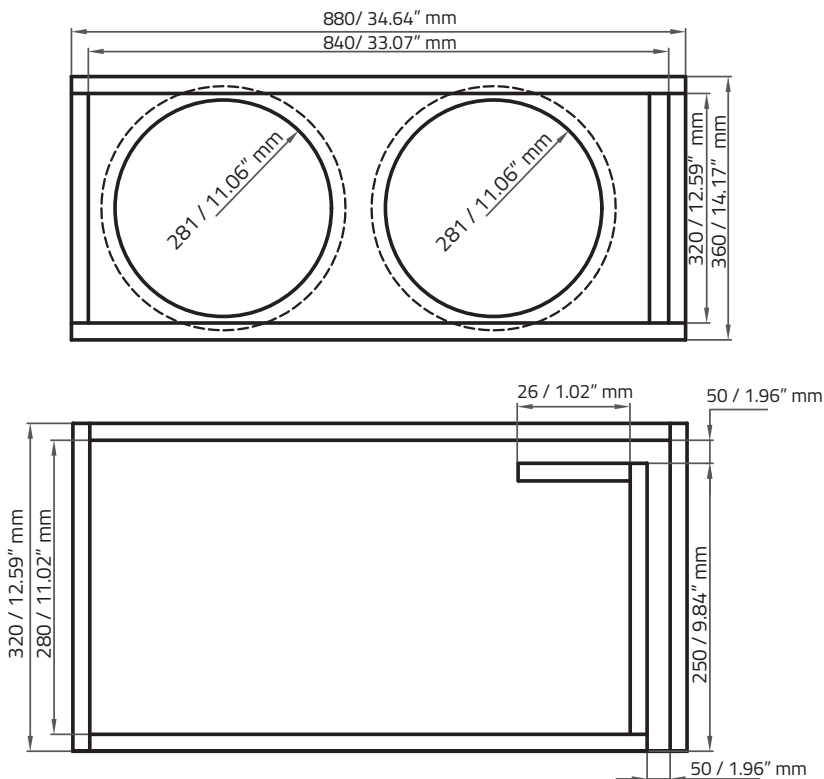
Tuning Frequency: 40 Hz

Port Area: 17.24 inch² / 112 CM²

Port Intel: 1.37" x 12.59"

Port Length: 16.33" / 415 mm

DOUBLE SUBWOOFER PORTED BOX



PARAMETERS

Box External Dimensions:

(WxHxD): 34.64" x 14.17" x 12.59" /
880 mm x 360 mm x 320 mm

Material Thickness: 0.78" / 20mm

Net Internal Volume: 2.6 ft³ / 75 L

Tuning Frequency: 40 Hz

Port Area: 24.67 inch² / 160 CM²

Port Intel: 1.96" x 12.59"

Port Length: 10.86" / 276 mm



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

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