

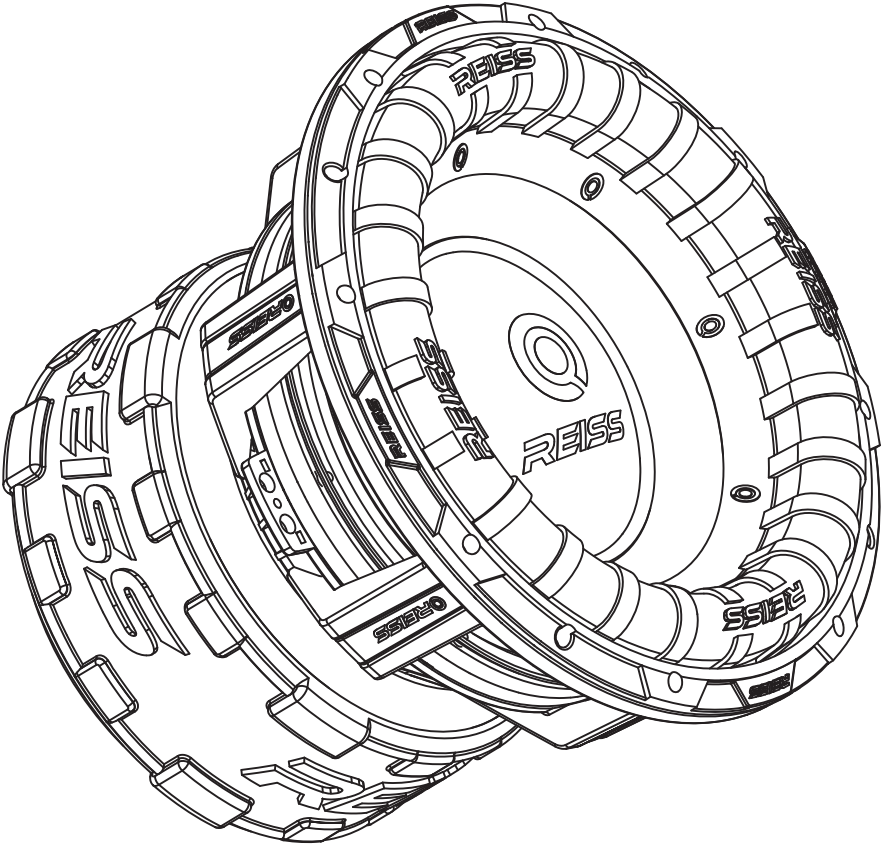


OWNER'S MANUAL

RS-VQ12.D2

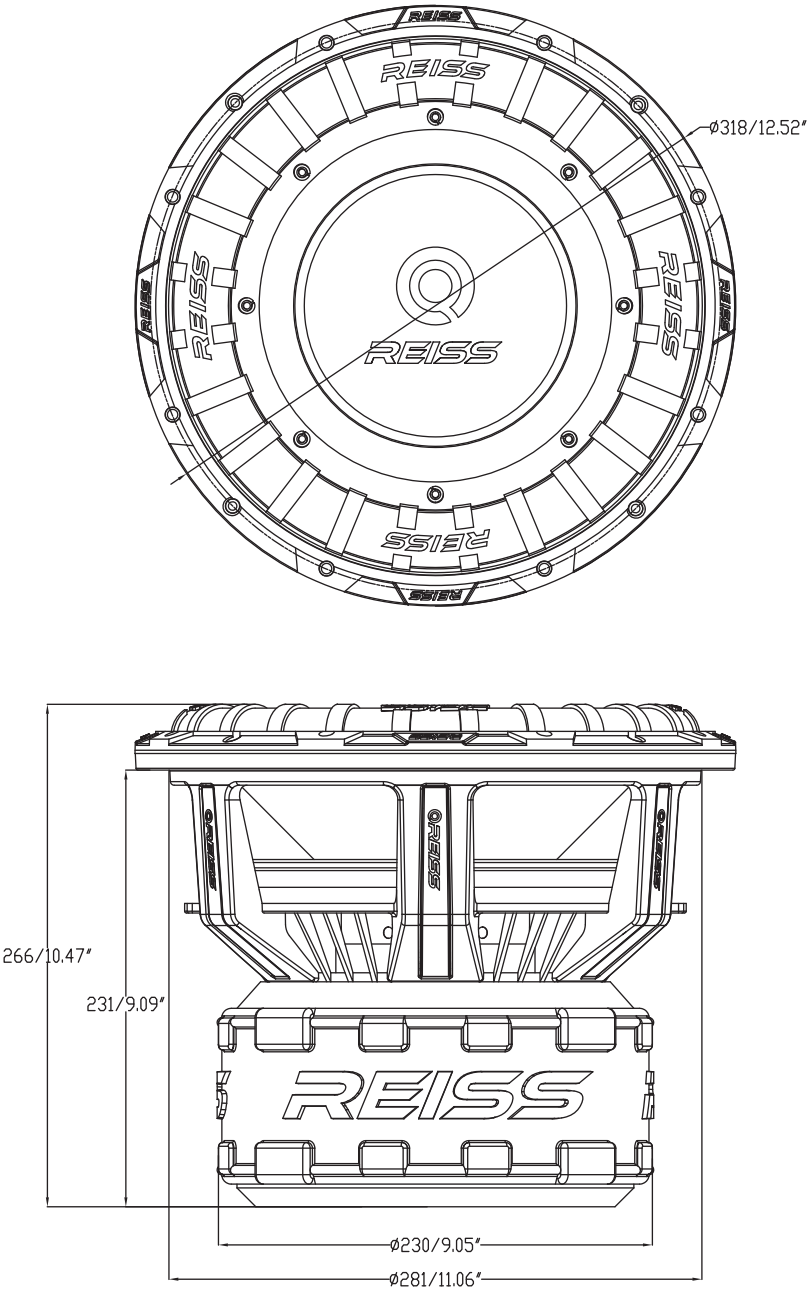
12" COMPETITION
HIGH POWER SUBWOOFER

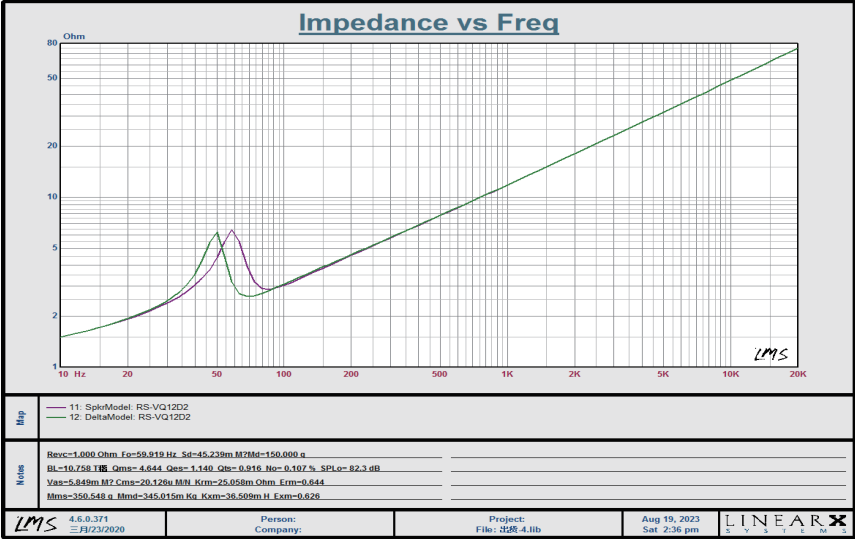
2+2 Ω



Turkish Engineering Since 1985

RS-VQ12.D2





SPECIFICATIONS

Nominal Diameter /	12" / 318 mm
Nominal Impedance /	2+2 OHMS
RMS Power Handling /	3000 Watts
MAX Power Handling /	6000 Watts
Sensitivity (1w/1m) /	82.3 dB
Frequency Response /	40Hz - 500Hz
Recommended Lo Pass Crossover /	80 Hz

MOTOR

Voice Coil Diameter /	4" / 99.2 mm
Voice Coil Former Material /	Black Aluminum
Winding Material /	CCAW
Cone Material /	Carbon Fiber
Dust Cap Material /	Carbon Fiber
Surround Material /	Foam
Basket Material /	Aluminum
Basket Color Finish /	Black wrinkle Coating with Machined Aluminum
Magnet Material /	Ferrite
Magnet Weight /	353 Oz

THIELE & SMALL PARAMETERS

Equivalent Volume /	Vas	5.8 L / 0.205 ft3
Free Air Resonance /	Fs	60 Hz
Mechanical Factor /	Qms	4.64
Electrical Factor /	Qes	1.140
Total Factor /	Qts	0.916
Moving Mass /	Mms	350.55 g
Compliance /	Cms	0.020 mm/N
BI Factor /	BI	10.75
Voice Coil Inductance /	Le	0.626 mH
Diaphragm Area /	Sd	452.39 cm2
DC Resistance /	Re	1.8+1.8 OHM

MEASUREMENT

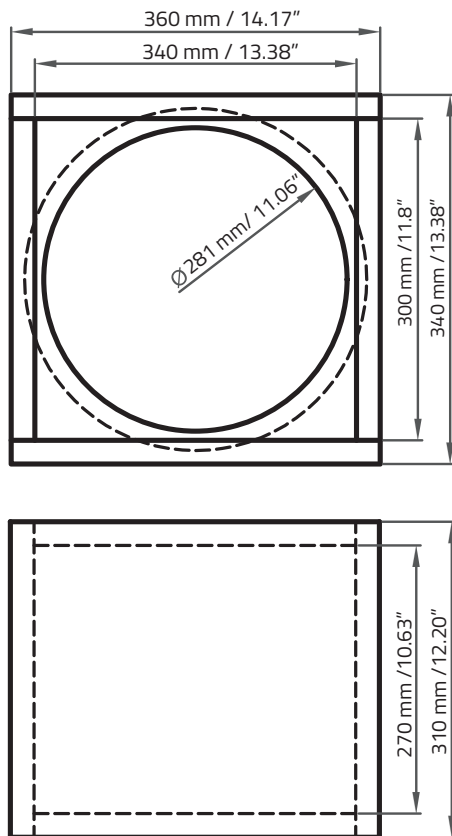
Overall Diameter /	12.52" / 318 mm
Overall Depth /	10.4" / 266 mm
Front Mount Baffle Cutout. /	11.06" / 281 mm
Mounting Depth /	9.09" / 231 mm
Motor Diameter /	8.66" / 220 mm

RECOMMENDED ENCLOSURES

Sealed Internal Volume /	25L / 0.88 ft3
Sealed Box Output Response /	50 Hz
Ported Internal Volume /	45L / 1.59 ft3
Port Size *Square (WxHxLong) /	1.37" x 13.78" x 19.48" / 35 mm x 350 mm x 495 mm
Port Tuning Frequency /	38 Hz
Ported Box Output Response /	35 Hz

RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



PARAMETERS

Box External Dimensions:

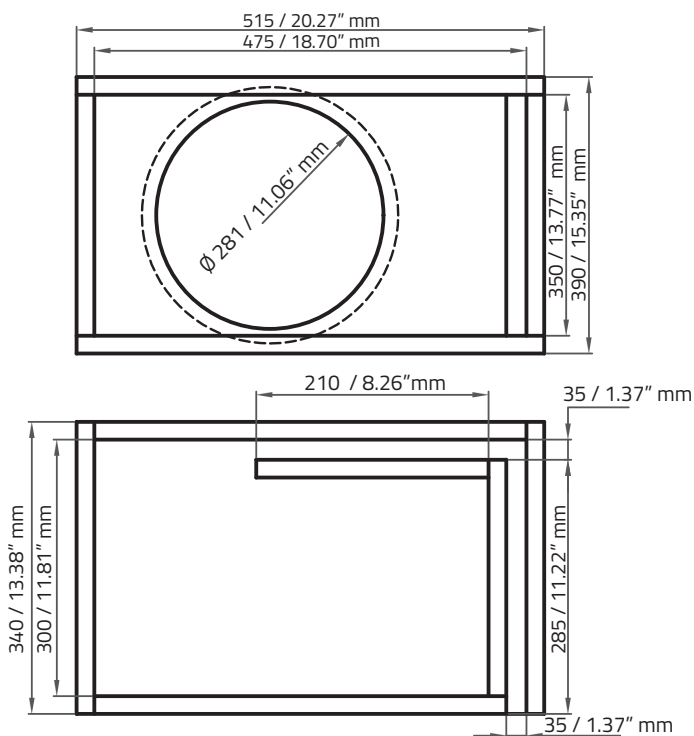
(WxHxD): 14.17"x 13.38"x 12.2" /

360 mm x 340mm x 310mm

Material Thickness: 0.78" / 20mm

Net Internal Volume: 0.88 ft³ / 25 L

SINGLE SUBWOOFER PORTED BOX



PARAMETERS

Box External Dimensions:

(WxHxD): 20.27" x 15.35" x 13.38" /
515 mm x 390 mm x 340 mm

Material Thickness: 0.78" / 20mm

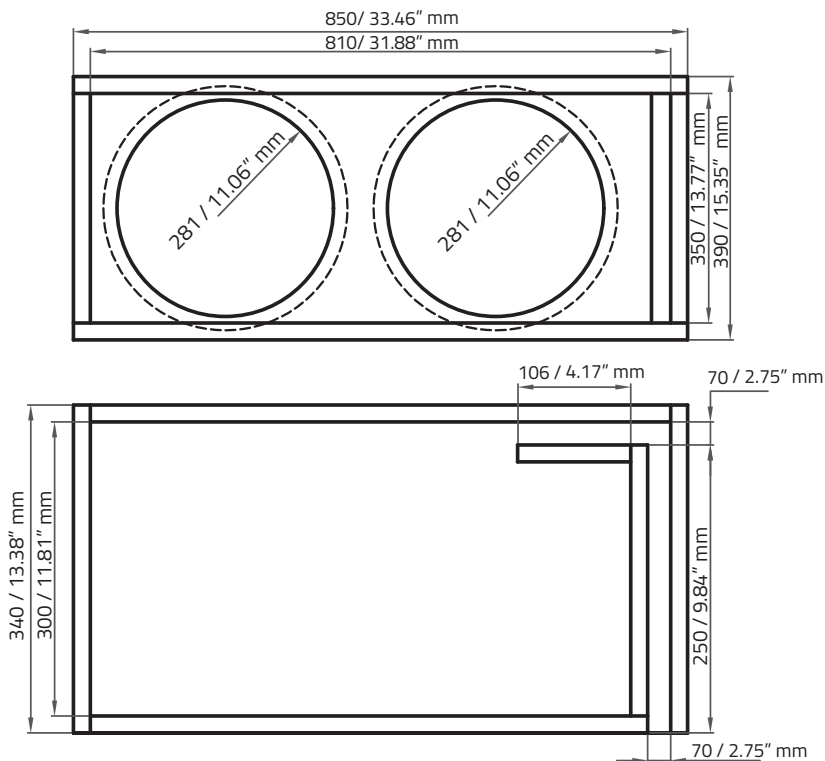
Net Internal Volume: 1.59 ft³ / 45 L

Tuning Frequency: 35 Hz

Port Area: 18.86 inch² / 120 CM²

Port Intel: 1.37" x 13.77"

Port Length: 19.48" / 495 mm

DOUBLE SUBWOOFER PORTED BOX**PARAMETERS**

Box External Dimensions:

(WxHxD): 33.46" x 15.35" x 13.38" /
850 mm x 390 mm x 340 mm

Material Thickness: 0.78" / 20mm

Net Internal Volume: 3.0 ft³ / 85 L

Tuning Frequency: 35 Hz

Port Area: 37.86 inch² / 245 CM²

Port Intel: 2.75" x 13.77"

Port Length: 14.01" / 356 mm



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

Turkish Engineering Since 1985

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