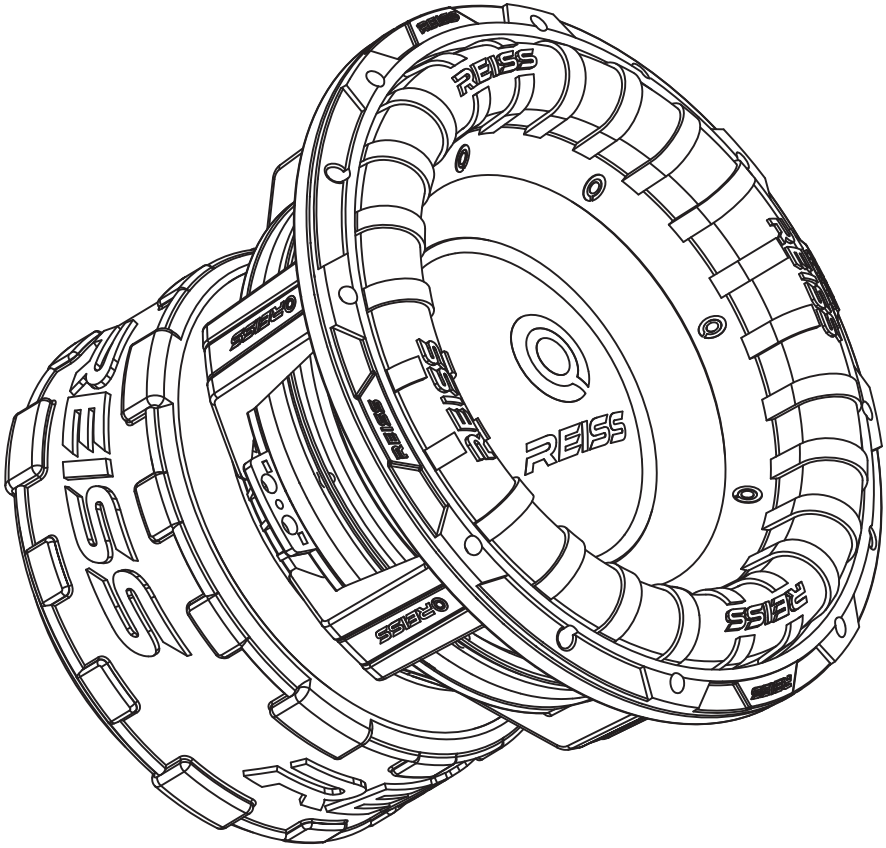
REISS AUDIO

OWNER'S MANUAL

RS-VQ12.D1

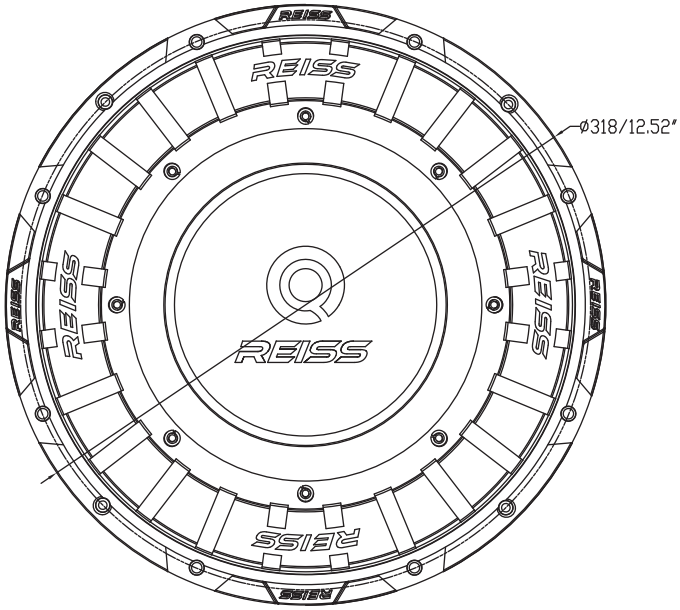
12" COMPETITION
HIGH POWER SUBWOOFER

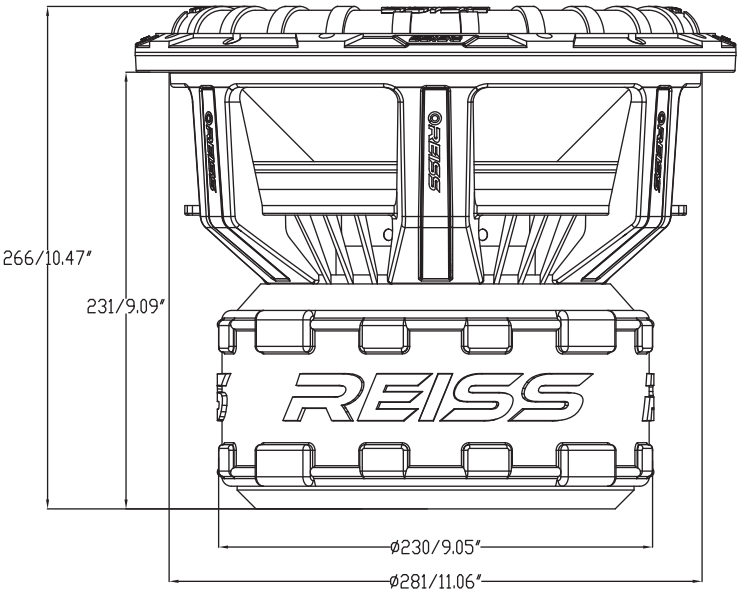
1+1 Ω



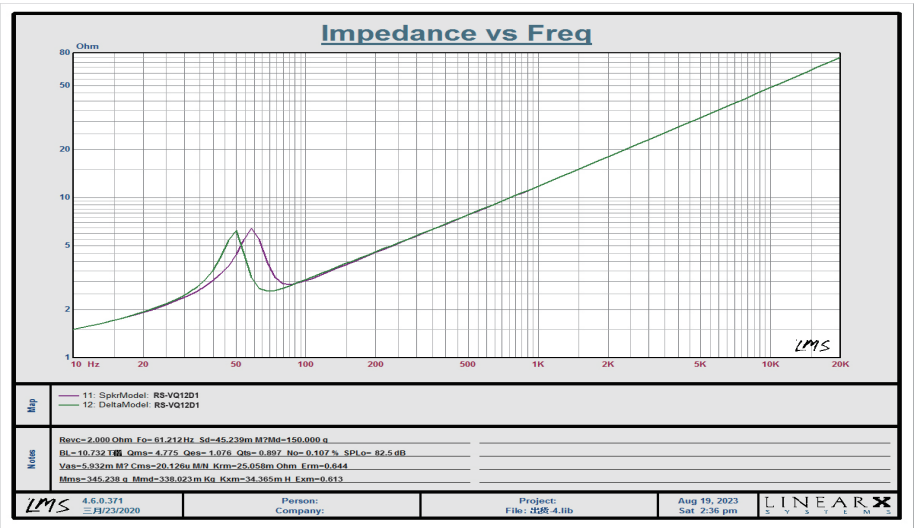
Turkish Engineering Since 1985

RS-VQ12.D1





RS-VQ12.D1



SPECIFICATIONS

Nominal Diameter / ..... 12" / 318 mm
Nominal Impedance / ..... 1+1 OHMS
RMS Power Handling / ..... 3000 Watts
MAX Power Handling / ..... 6000 Watts
Sensitivity (1w/1m) / ..... 82.5 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

RS-VQ12.D1

THIELE & SMALL PARAMETERS

Equivalent Volume /	Vas	5.9 L / 0.208 ft3
Free Air Resonance /	Fs	61.2 Hz
Mechanical Factor /	Qms	4.64
Electrical Factor /	Qes	1.076
Total Factor /	Qts	0.897
Moving Mass /	Mms	345.23 g
Compliance /	Cms	0.020 mm/N
Bl Factor /	Bl	10.73
Voice Coil Inductance /	Le	0.613 mH
Diaphragm Area /	Sd	452.39 cm2
DC Resistance /	Re	1.0+1.0 OHM

MEASUREMENT

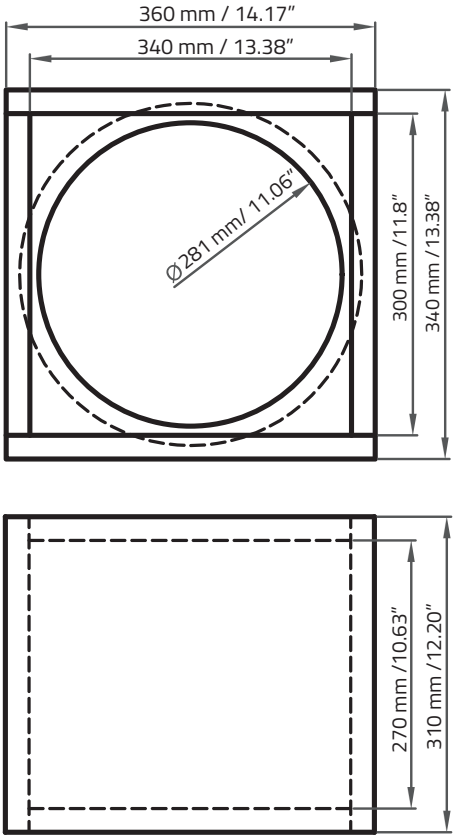
Overall Diameter /	12.52” / 318 mm
Overall Depth /	10.4” / 266 mm
Front Mount Baffle Cutout. /	11.06” / 281 mm
Mounting Depth /	9.09” / 231 mm
Motor Diameter /	8.66" / 220 mm

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 Tunning Frequency /	38 Hz
Ported Box Output Response /	35 Hz

RECOMMENDED BOX DIMENSION

SINGLE SUBWOOFER SEALED BOX



PARAMETERS

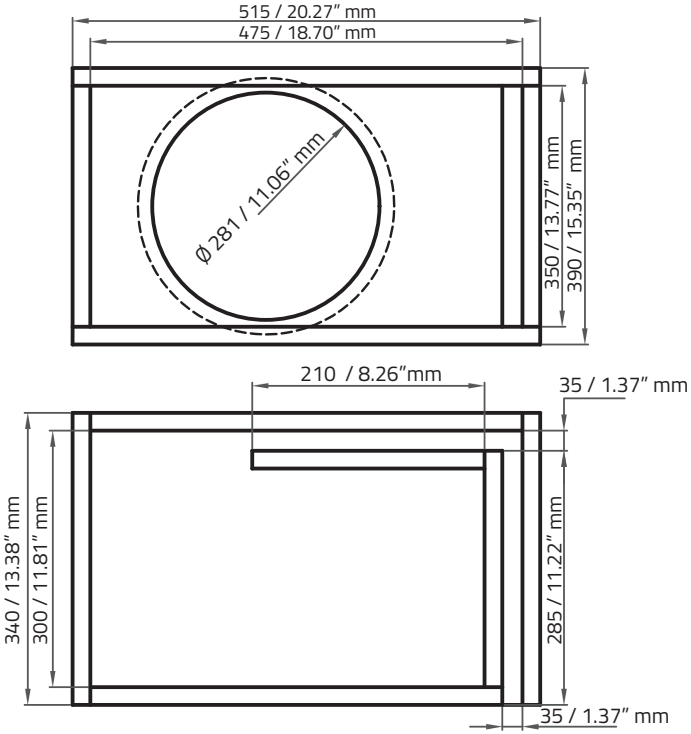
Box External Dimensions:
(WxHxD): 14.17"x 13.38"x 12.2" /
360 mm x 340mm x 310mm

Material Thickness: 0.78" / 20mm

Net Internal Volume: 0.88 ft3 / 25 L

RS-VQ12.D1

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

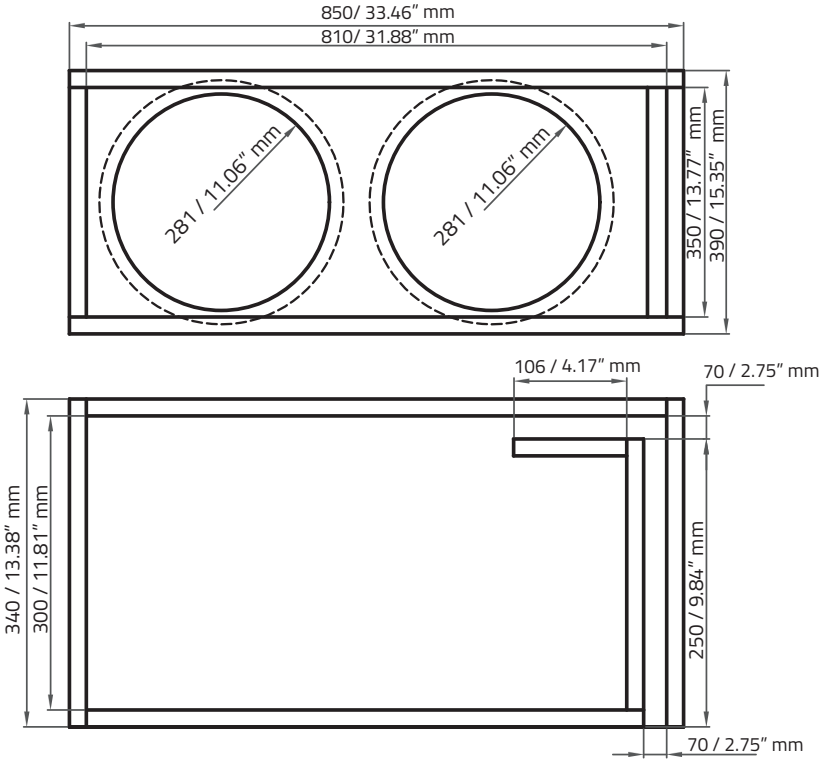
Port Area: 18.86 inch2 / 120 CM2

Port Intel: 1.37" x 13.77"

Port Length: 19.48" / 495 mm

RS-VQ12.D1

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

REISS AUDIO

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

Turkish Engineering Since 1985

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