

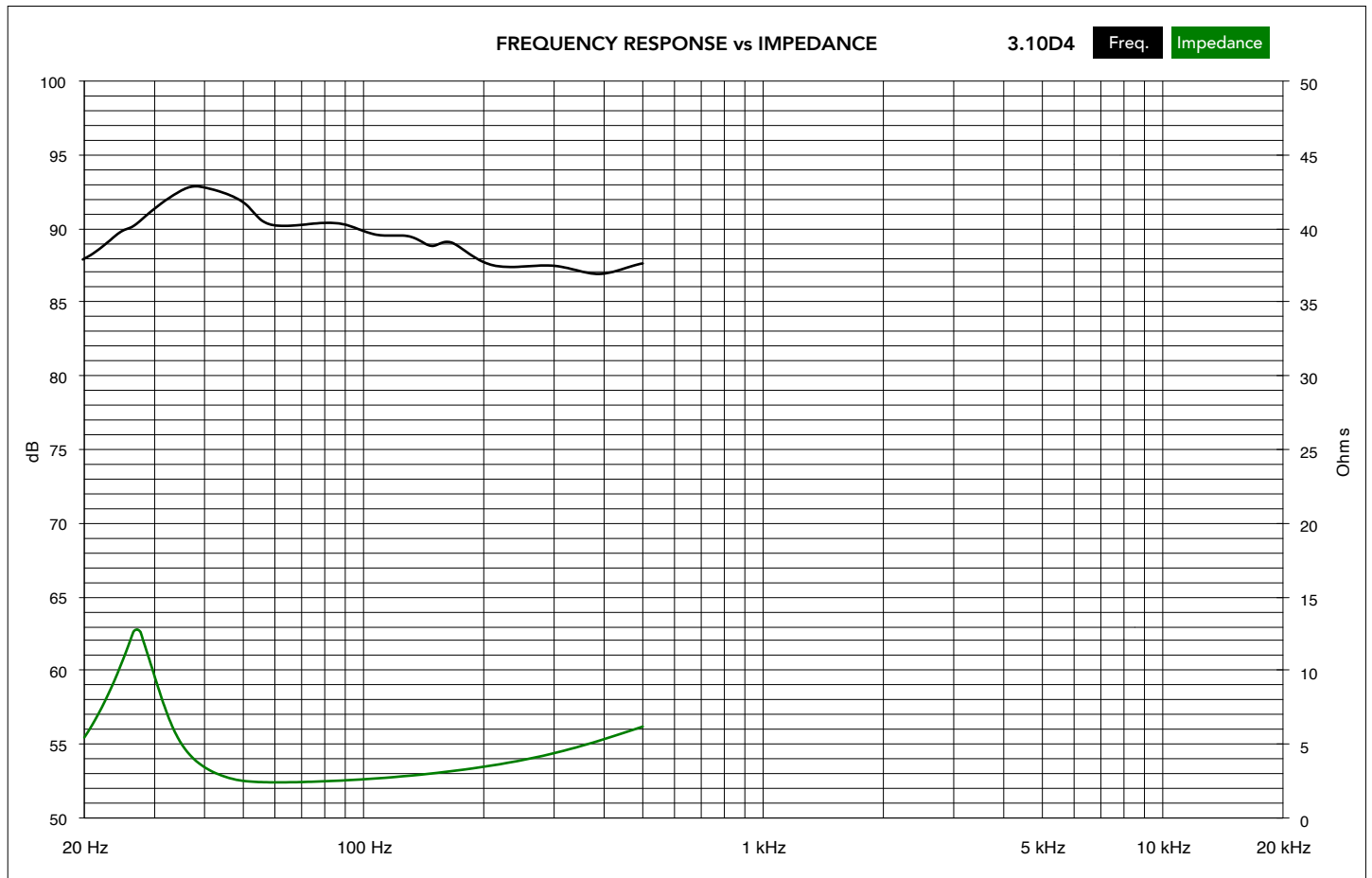
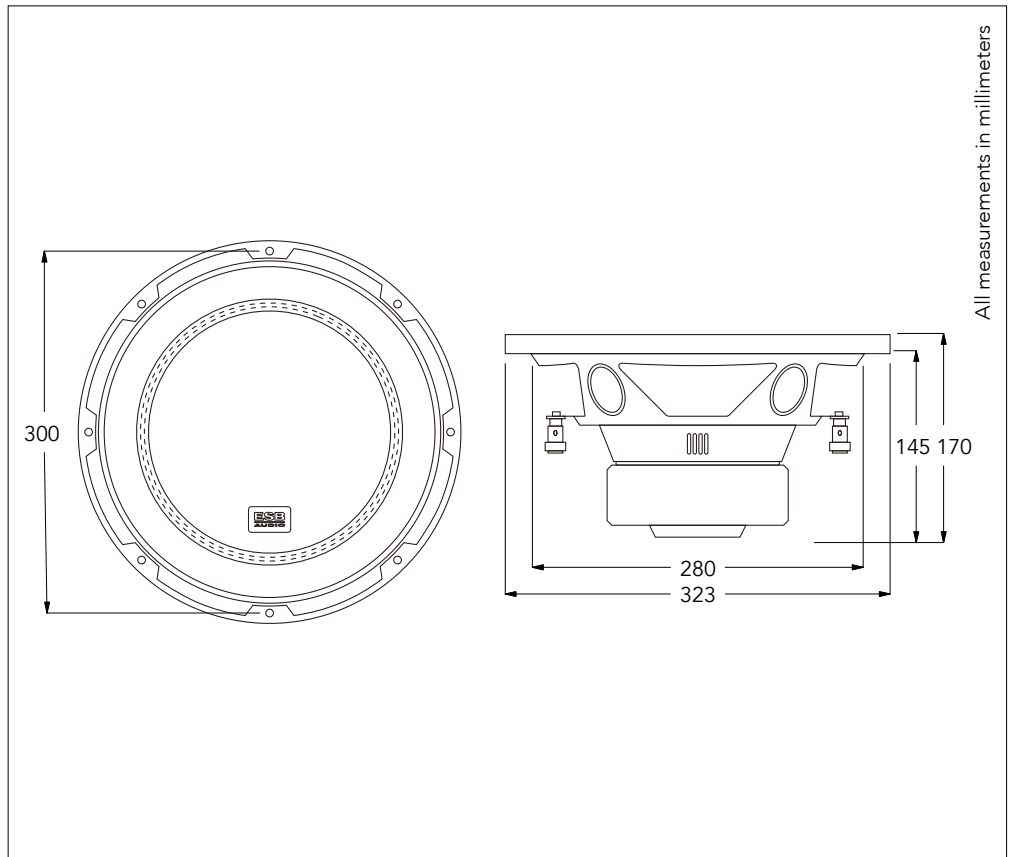
Speaker Type: Component Subwoofer
 Nominal Diameter: 12"/300 mm
 Nominal Impedance (Znom): 4 + 4 Ohms
 Continuous Power Handling: 300 W
 Peak Power Handling: 600 W
 Rec. Amplifier Power: 100 - 300W (RMS)
 Frequency Response: 30 - 500 Hz
 Driver Rear Displacement: 1.4 lt

PARAMETERS

Voice Coil Resistance (Re): 3.6 + 3.6 Ohms
 Voice Coil Diameter: 2"/51 mm
 Free Air Resonance (Fs): 30.9 Hz
 Sensitivity: 89.0 dB @ 1W/1m
 92.0 dB @ 2.83V/1m
 Electrical "Q" (Qes): 0.65
 Mechanical "Q" (Qms): 7.49
 Total Speaker "Q" (Qts): 0.6
 Equivalent Compliance (Vas): 57.4 lt
 Moving Mass (Mms): 158.3 g
 Mech. Comp. (Cms): 0.17 mm/N
 Magnetic Strength (BL): 9.3 N/A
 Effective Piston Area (Sd): 487.6 sq. cm
 One-Way Linear Excursion (Xmax): 12 mm

DESIGN BANDWIDTH

28 Hz - 500 Hz

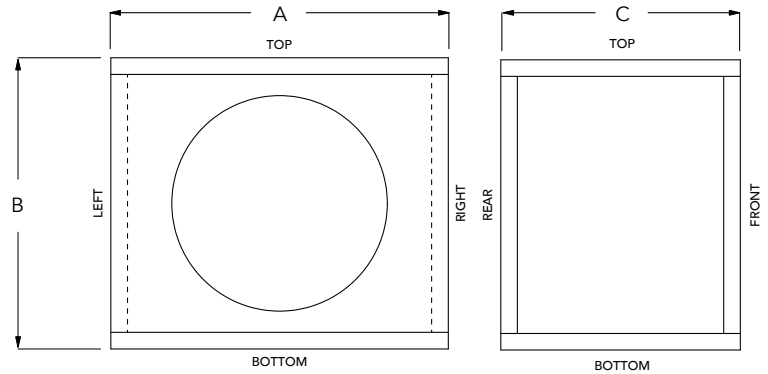


RECOMMENDED SEALED ENCLOSURE

Net Volume:
3.12D4: 1.23 ft³ / 35 lit.

External Dimensions:
3.12D4: 530 (A) × 350 (B) × 268 (C) mm

Material Thickness: 0.7"/18 mm. Less thickness may compromise box rigidity with leak bass response. Add inside damping material for about 35% of the volume.



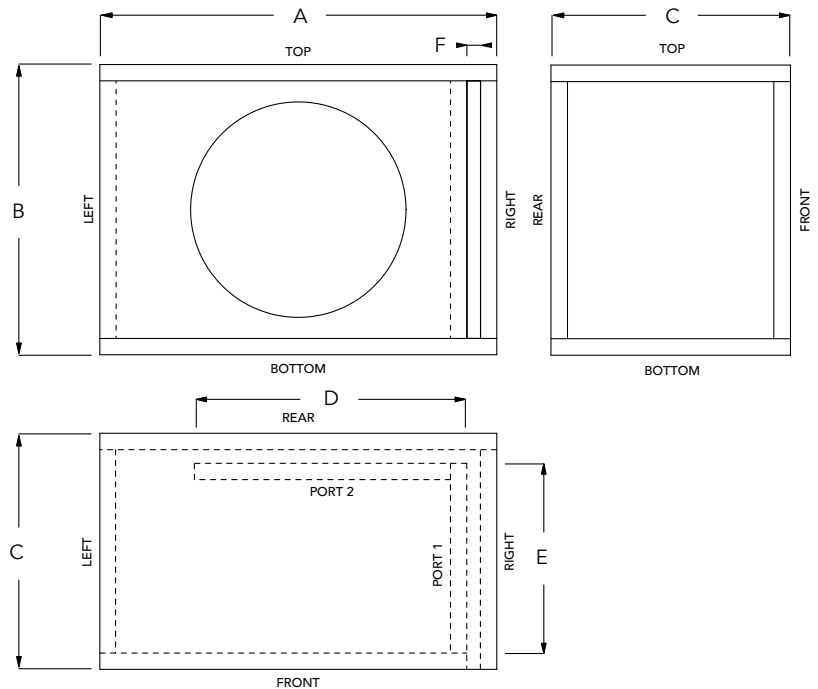
RECOMMENDED PORTED ENCLOSURE 1

Net Volume:
3.12D4: 1.59 ft³ / 45 lit.

External Dimensions:
3.12D4: 650 (A) × 350 (B) × 313 (C) mm

Port Dimensions:
3.12D4: 267 (D) × 247 (E) × 30 (F) mm

Material Thickness: 0.7"/18 mm. Less thickness may compromise box rigidity with leak bass response. Add inside damping material for about 35% of the volume.



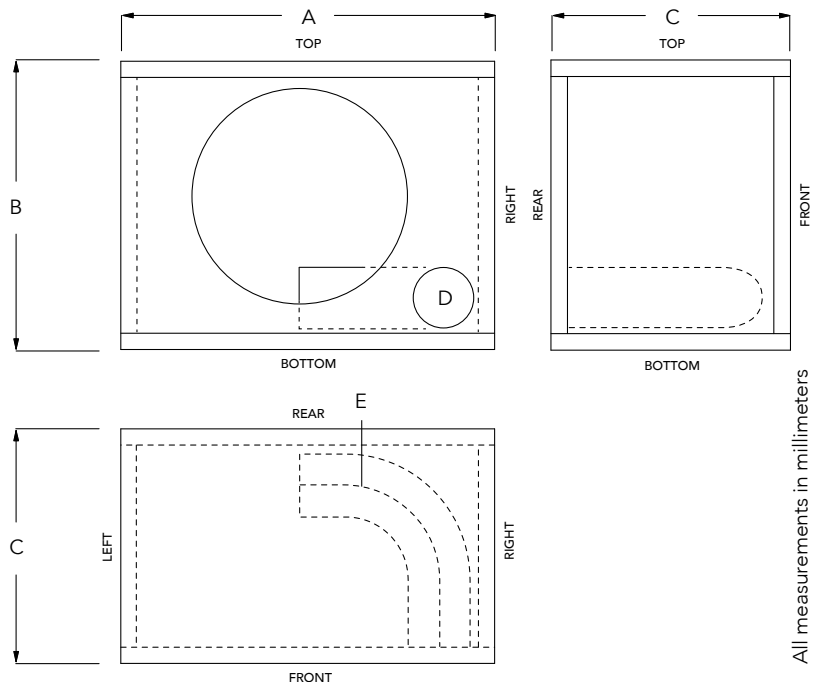
RECOMMENDED PORTED ENCLOSURE 2

Net Volume:
3.12D4: 1.59 ft³ / 45 lit.

External Dimensions:
3.12D4: 650 (A) × 350 (B) × 313 (C) mm

Port Dimensions:
3.12D4: 96 (DØ) × 440 (E) mm

Material Thickness: 0.7"/18 mm. Less thickness may compromise box rigidity with leak bass response. Add inside damping material for about 35% of the volume.



NOTE: 8-10 hours of burn-in time is required to achieve optimal performance. Burn-in is done simply by playing the subwoofer at about half power for that amount of time. Listening at low volume extends the break-in time.

All measurements in millimeters

RECOMMENDED PORTED ENCLOSURE 3

Net Volume:

3.12D4: 1.59 ft³ / 45 lit.

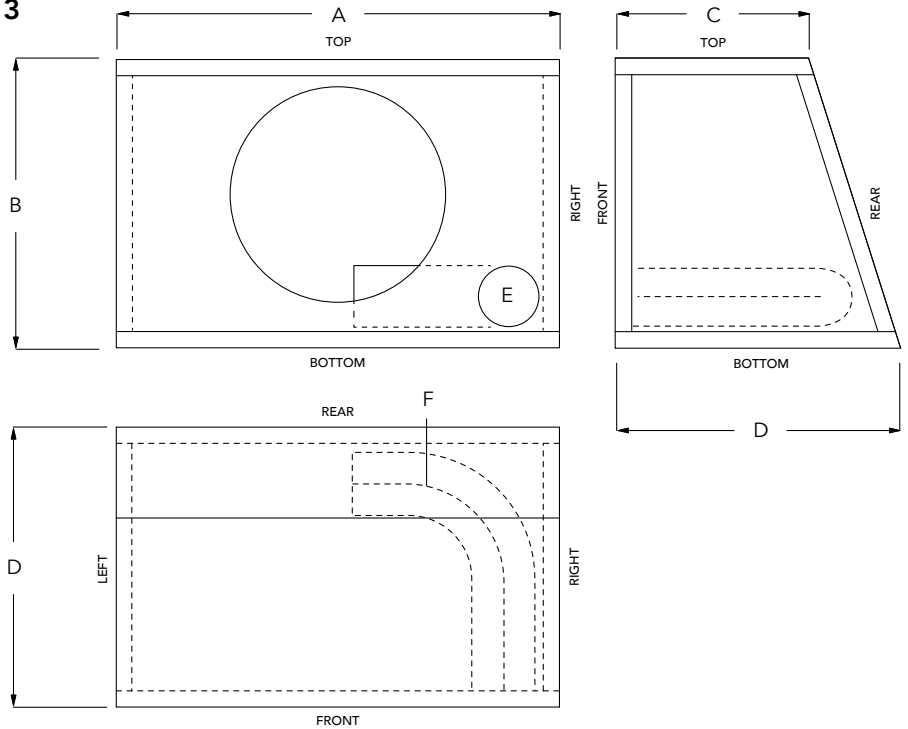
External Dimensions:

3.12D4: 650 (A) × 350 (B) × 240 (C) × 340 (D) mm

Port Dimensions:

3.12D4: 96 (EØ) × 440 (F) mm

Material Thickness: 0.7"/18 mm. Less thickness may compromise box rigidity with leak bass response. Add inside damping material for about 35% of the volume.



RECOMMENDED BAND-PASS ENCLOSURE

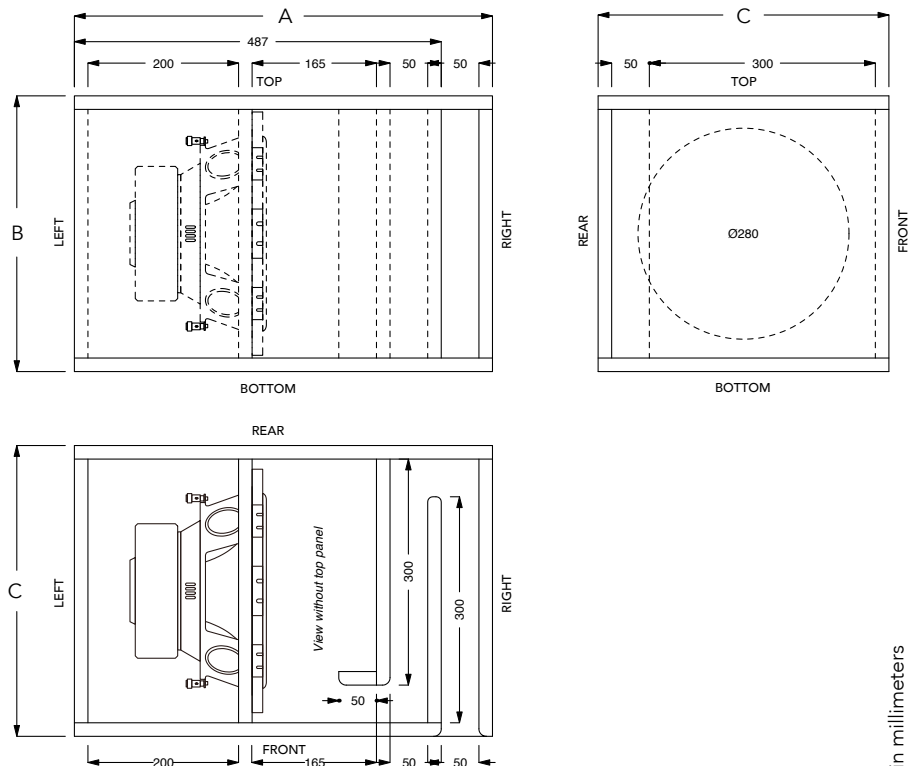
Net Volume:

3.12D4: 0.77 + 0.63 ft³ / 22 + 18 lit.

External Dimensions:

3.12D4: 555 (A) × 366 (B) × 386 (C) mm

Material Thickness: 0.7"/18 mm. Less thickness may compromise box rigidity with leak bass response. Add inside damping material for about 35% of the volume



NOTE: 8-10 hours of burn-in time is required to achieve optimal performance. Burn-in is done simply by playing the subwoofer at about half power for that amount of time. Listening at low volume extends the break-in time.