

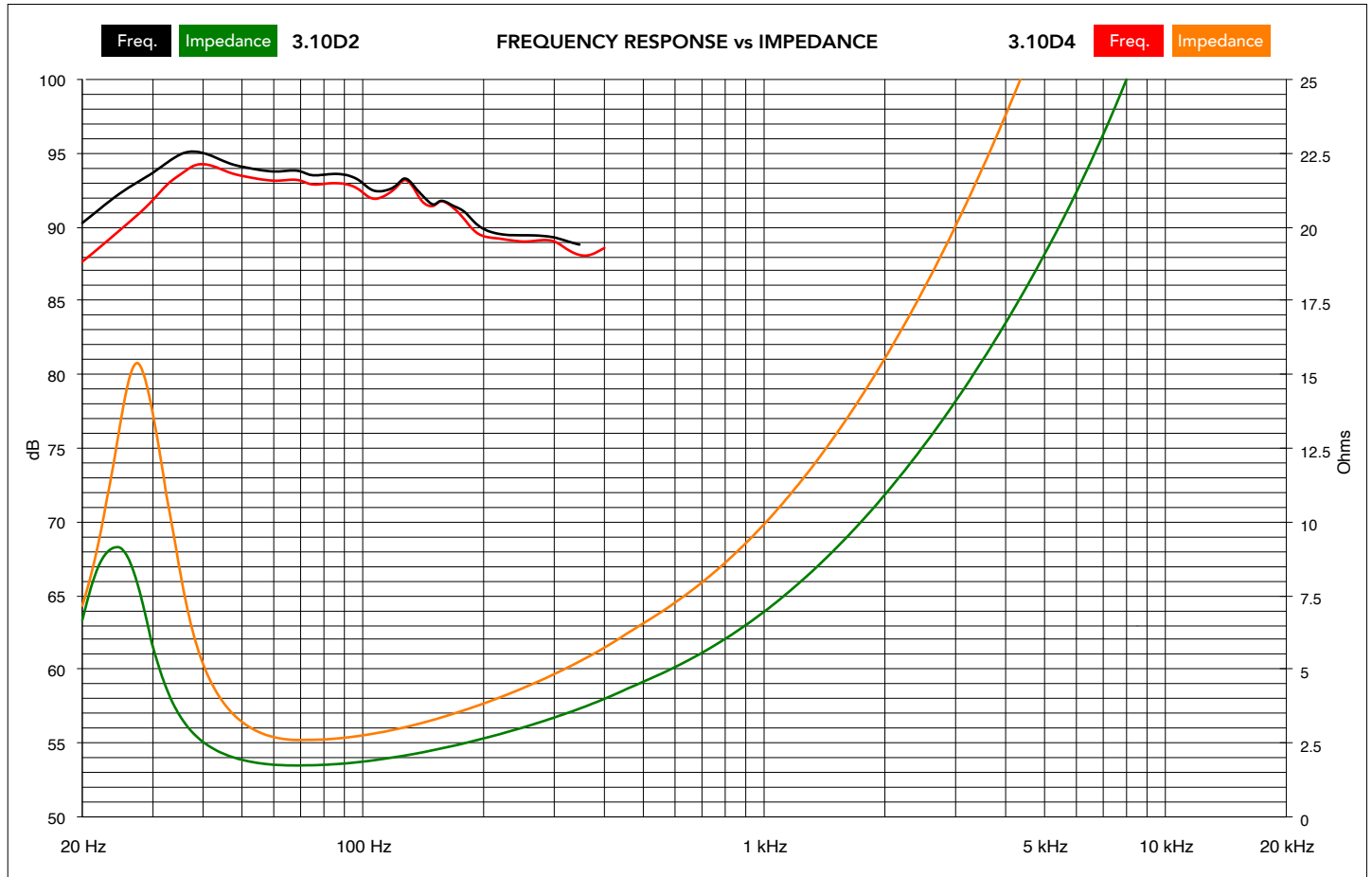
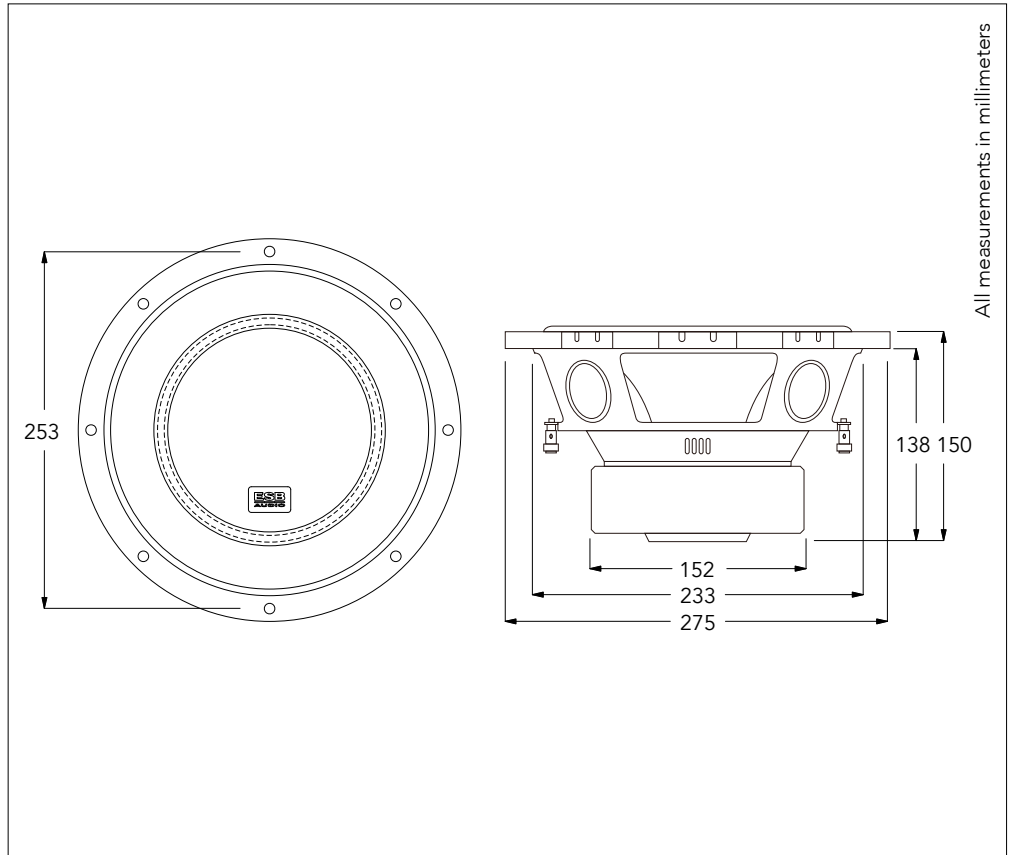
Speaker Type: Component Subwoofer  
 Nominal Diameter: 10"/250 mm  
 Nominal Impedance (Znom):  
 3.10D4: 4 +4 Ohms / 3.10D2: 2 +2 Ohms  
 Continuous Power Handling: 300 W  
 Peak Power Handling: 600 W  
 Rec. Amplifier Power: 100 - 300W (RMS)

**PARAMETERS 3.10D4 / 3.10D2**

Voice Coil Resistance (Re):  
 3.6 + 3.6 / 2.4 + 2.4 Ohms  
 Voice Coil Diameter: 50 mm  
 Free Air Resonance (Fs): 33.5 Hz / 29.4 Hz  
 Electrical "Q" (Qes): 0.57 / 0.51  
 Mechanical "Q" (Qms): 6.08 / 5.62  
 Total Speaker "Q" (Qts): 0.52 / 0.47  
 Equivalent Compliance (Vas): 27.6 / 29.4 lt  
 Moving Mass (Mms): 119.9 / 152.2 g  
 Mech. Compliance (Cms): 0.19 mm/N  
 Magnetic Strength (BL): 8.9 / 8.2 N/A  
 Effective Piston Area (Sd): 320 sq. cm  
 One-Way Linear Excursion (Xmax): 12 mm

**DESIGN BANDWIDTH 3.10D4 / 3.10D2**

With 48 dB/oct. HP filters:  
 25 Hz - 400 Hz / 20 Hz - 350 Hz  
 With 24 dB/oct. HP filters:  
 27 Hz - 400 Hz / 22 Hz - 350 Hz  
 With 12 dB/oct. HP filters:  
 29 Hz - 400 Hz / 25 Hz - 350 Hz



## RECOMMENDED SEALED ENCLOSURE

Net Volume:

**3.10D4/D2:** 0.56 ft<sup>3</sup> / 16 lit.

External Dimensions:

**3.10D4/D2:** 365 × 315 × 220 mm

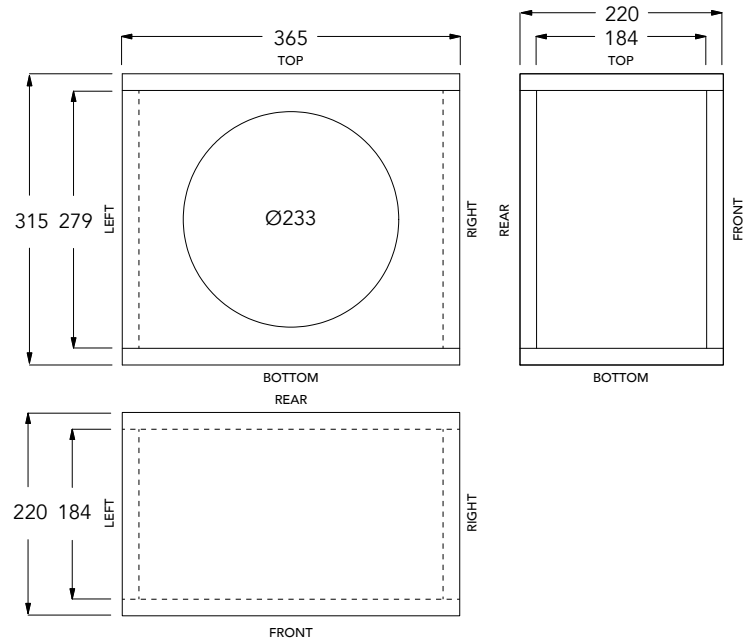
Part Details:

Top/Bottom (2 pcs): 365 × 220 mm

Front/Rear (2 pcs): 365 × 279 mm

Left/Right (2 pcs): 184 × 279 mm

Material Thickness: 0.7"/18 mm. Less thickness may compromise box rigidity with leak bass response. Add inside damping material for about 75% of the volume.



## RECOMMENDED PORTED ENCLOSURE 1

Net Volume:

**3.10D4/D2:** 0.99 ft<sup>3</sup> / 28 lit.

External Dimensions:

**3.10D4/D2:** 570 × 320 × 260 mm

Port Dimensions:

**3.10D4:** 284 × 15 × 387 mm

**3.10D2:** 284 × 15 × 527 mm

Part Details:

Top/Bottom (2 pcs): 570 × 260 mm

Front (1 pc): 537 × 284 mm

Rear (1 pc): 570 × 284 mm

Left (1 pc): 284 × 224 mm

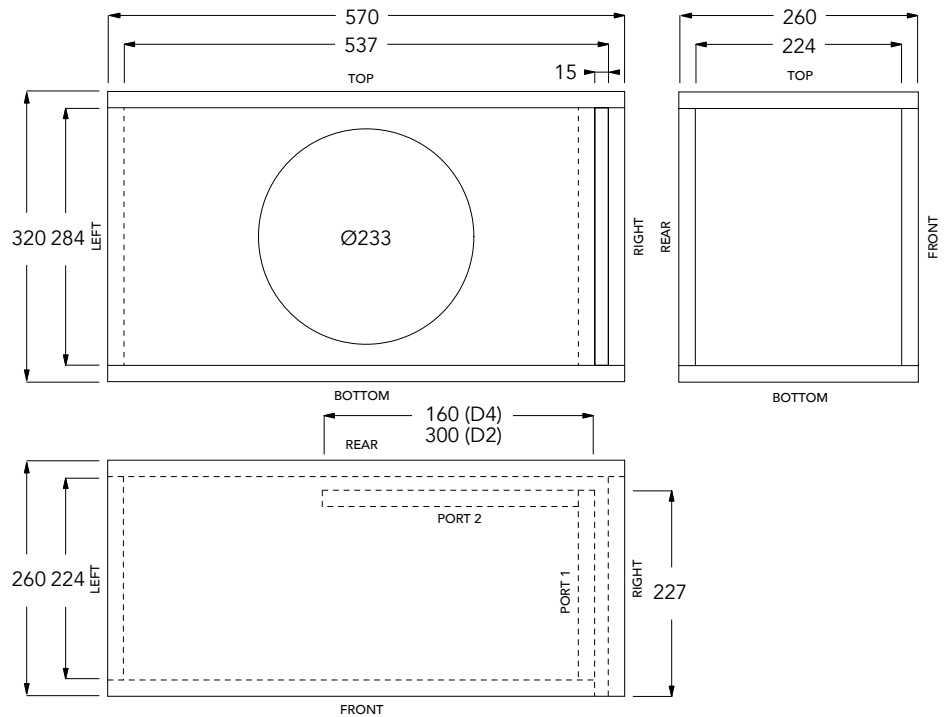
Right (1 pc): 284 × 242 mm

Port 1 (1 pc): 284 × 209 mm

Port 2 (**3.10D2**, 1 pc): 284 × 282 mm

Port 2 (**3.10D4**, 1 pc): 284 × 142 mm

Material Thickness: 0.7"/18 mm. Less thickness may compromise box rigidity with leak bass response. Add inside damping material for about 75% of the volume.



**RECOMMENDED PORTED ENCLOSURE 2**

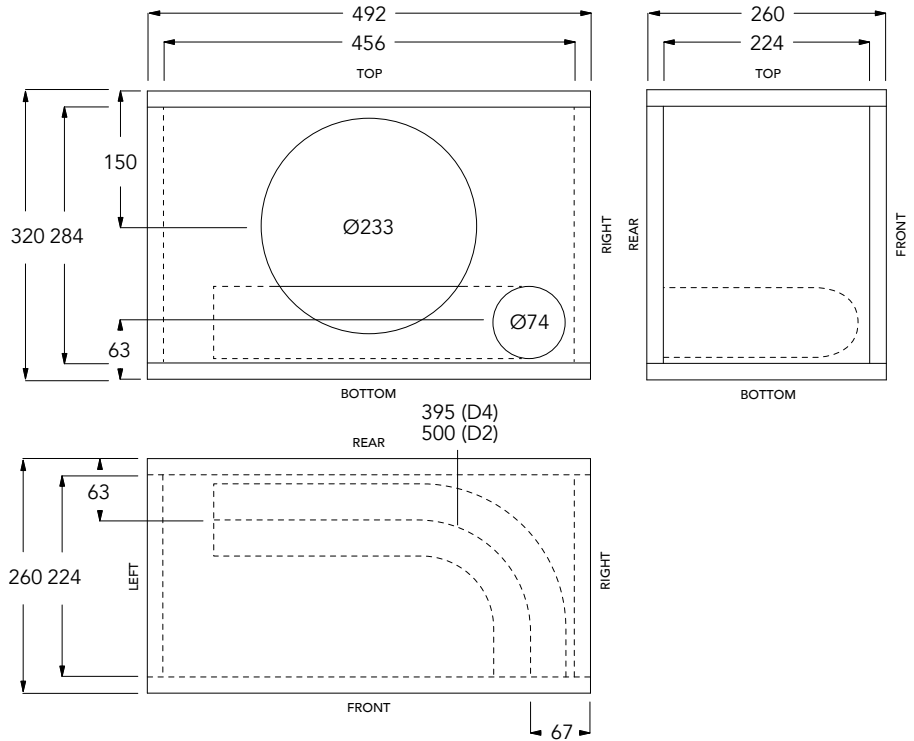
Net Volume:  
3.10D4/D2: 0.99 ft<sup>3</sup> / 28 lit.

External Dimensions:  
3.10D4/D2: 492 × 320 × 260 mm

Port Dimensions:  
3.10D4: Ø74 × 395 mm  
3.10D2: Ø74 × 500 mm

Part Details:  
Top/Bottom (2 pcs): 492 × 260 mm  
Front/Rear (2 pcs): 492 × 284 mm  
Left/Right (2 pcs): 284 × 224 mm

Material Thickness: 0.7"/18 mm. Less thickness may compromise box rigidity with leak bass response. Add inside damping material for about 75% of the volume.



**RECOMMENDED PORTED ENCLOSURE 3**

Net Volume:  
3.10D4/D2: 0.99 ft<sup>3</sup> / 28 lit.

External Dimensions:  
3.10D4/D2: 492 × 320 × 310/210 mm

Port Dimensions:  
3.10D4: Ø74 × 395 mm  
3.10D2: Ø74 × 500 mm

Part Details:  
Top (1 pc): 492 × 210\* mm  
Bottom (1 pc): 492 × 310\* mm  
Front (1 pc): 492 × 284 mm  
Rear (1 pc): 492 × 299\* mm  
Left/Right (2 pcs): 284 × 179/267 mm

\*Chamfered Side  
Material Thickness: 0.7"/18 mm. Less thickness may compromise box rigidity with leak bass response. Add inside damping material for about 75% of the volume.

