

### **Box Properties**

Box Volume: 142.5L

Alignment: EBS

Fb: 18.1 Hz

Type: Vented

Vent Shape: Round

Vent Ends: Flared

Vent Diameter: 4.0"

Vent Length: 18.0"

### **RSS315HS-4 Product Specifications**

Nominal Diameter 12"

Power Handling (RMS) 400 Watts

Power Handling (max) 800 Watts

Impedance 4 ohms

Frequency Response 23 to 1,000 Hz

Sensitivity 90.3 dB 2.83V/1m

Voice Coil Diameter 2.5"

Magnet Weight 150 oz.

### **Thiele-Small Parameters**

$Q_{es} = 0.45$

$V_{as} = 84.1 \text{ L}$

$Q_{ms} = 2.83$

$Q_{ts} = 0.39$

$F_s = 24.2 \text{ Hz}$

### **Electro-Mechanical Parameters**

$M_{ms} = 188\text{g}$

$BL = 13.99 \text{ Tm}$

$C_{ms} = 0.23 \text{ mm/N}$

$L_e = 0.96 \text{ mH}$

$R_e = 3.1 \text{ ohms}$

$S_d = 514.7 \text{ cm}^2$

$SPL = 90.3 \text{ dB}$

### **Large-Signal Parameters**

$P_e = 400\text{W}$

$X_{max} = 14.3 \text{ mm}$