



**P** **PHYSICAL INFORMATION**

Basket : Die Cast Aluminum  
 Magnet Type : Neodymium 10.8 oz  
 Size ODxIDxH (mm) : 97 X 40 X 10  
 Voice Coil Former : Glass Fiber Ployimide  
 High Temp 400°C  
 Voice Coil Material : Aluminium Flat Wire High  
 Temp 300°C  
 Cone Material : Pulp Paper  
 Surround : Treated Cloth  
 Dust Cap : Paper  
 Damper : Cotton Polyester Blend  
 Packing Quantity : 1 Piece / Pack  
 Net Weight /piece : 6.29Kg(13.83Lb)  
 Gross Weight / piece : 7.54Kg(16.58Lb)  
 Packing Dimension WxLxH (mm):  
 365 X 365X 200  
 14.3inX14.3inX7.8in  
 0.94 Cu.Ft

**C12-500N**

Nominal OD. : 12" (305mm)  
 Nominal Impedance : 8 Ohms  
 Power Rating : 400 W (rms)  
 Sensitivity 2.83 V, 1M : 98 dB  
 Operating Bandwidth : 45 Hz - 3.0 KHz  
 Effective Piston Diameter : 265mm(10.4in)  
 Voice Coil Diameter : 99.30 mm (4in)

**T** **THIELE-SMALL PARAMETERS**

Resonance Frequency (fs) : 45.4 Hz  
 DC Resistance (Re) : 6.8 Ω  
 Coil Inductance (Le) : 0.62 mH  
 Mechanical Q (Qms) : 4.690  
 Electromagnetic Q (Qes) : 0.288  
 Total Q (Qts) : 0.271  
 Compliance Equivalent Volume (Vas) : 78.87 Liters  
 BL Product (BL) : 21.28 Tm  
 Diaphragm mass Inc.Airload (Mms) : 67.11 gm  
 Surface Area of Cone (Sd) : 0.551 Sqm  
 Half-Space Efficiency (EFF) : 2.49 %  
 Airgap Height (HAG) : 10.0mm  
 Voice Coil Height (HVC) : 17.0mm  
 Voice Coil Over Hang (X-max) : 3.5 mm

**M** **MOUNTING INFORMATION**

