

12 inch Subwoofer

- **High 20mm peak-to-peak linear excursion**
- **Low distortion with copper sleeve**
- **NRT magnet structure with cast heatsink**



Nominal Diameter 12 inches (305 mm)
 Nominal Impedance (Z) 4 ohms
 Sensitivity, 1W/1m (E) 85 dB @ 200 Hz
 Power Capacity, RMS (Pe) 200 W
 Power Capacity, Peak 800 W
 Frequency Range (-10dB) Fo - 6 kHz
 Minimum Impedance 4 ohms
 Voice Coil Diameter 51.3 mm
 Voice Coil Winding Length (h) 12 mm
 Voice Coil Number of Layers (n) 4
 Voice Coil Former Material Kapton
 Voice Coil Wire Composition Copper
 Magnetic Material Neodymium radial
 Stray Flux Shielding Inherent
 Magnetic Gap Depth (He) 32 mm
 Cone Material Aluminum
 Surround Material Injecton molded rubber
 Polarity, Outward Motion Positive voltage on (+) terminal
 Net Weight 4.8 kg
 Maximum Excursion 44 mm peak to peak

Thiele / Small Parameters

Resonant Frequency (Fo) - Fs 23 Hertz
 Voice Coil DC Resistance - Re 2.86 ohms
 Total Q - Qts 0.37
 Mechanical Q - Qms 9.1
 Electrical Q - Qes 0.39
 Equivalent Volume of Air - Vas 127 L
 Radiating Piston Area - Sd 503 cm²
 Xmax 20 mm peak to peak

Electrical / Mechanical Parameters

Flux Density x Length - BL 12 Tesla-meters
 Compliance - Cms 356 m/N
 Total Mass - Mms 137 grams

