

12 inch Subwoofer

- **High Excursion**
- **Very Low Distortion**
- **No Stray Magnetic Fields**

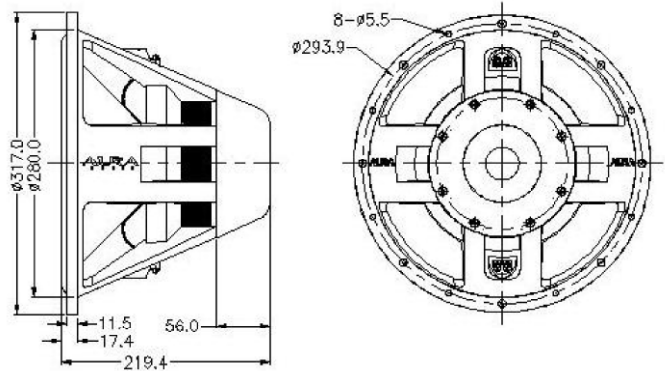
Nominal Diameter 12 inches (219 mm)
 Nominal Impedance (Z) 4 ohms
 Sensitivity, 1W/1m (E) 84 dB @ 200 Hz
 Power Capacity, RMS (Pe) 400 W
 Power Capacity, Peak 1600 W
 Frequency Range (-10dB) Fo - 1.5 kHz
 Minimum Impedance 5 ohms
 Voice Coil Diameter 79.4 mm
 Voice Coil Winding Length (h) 15.4 mm
 Voice Coil Number of Layers (n) 1
 Voice Coil Former Material Glass composite
 Voice Coil Wire Composition Aluminum Ribbon
 Magnetic Material Neodymium radial
 Stray Flux Shielding Inherent
 Magnetic Gap Depth (He) 38.1 mm
 Cone Material Aluminum
 Surround Material Injector molded rubber
 Polarity, Outward Motion Positive voltage on (+) termin
 Net Weight 8.0 kg
 Maximum Excursion 54 mm peak to peak

Thiele / Small Parameters

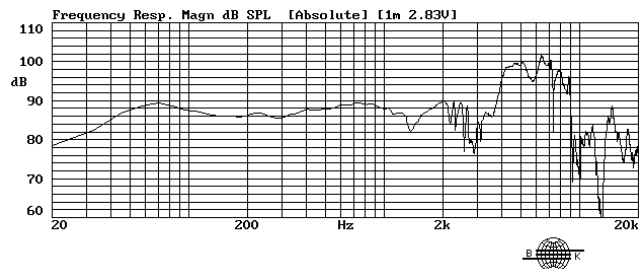
Resonant Frequency (Fo) - Fs 27 Hertz
 Voice Coil DC Resistance - Re 3.5 ohms
 Total Q - Qts 0.43
 Mechanical Q - Qms 7.1
 Electrical Q - Qes 0.45
 Equivalent Volume of Air - Vas 78 L
 Radiating Piston Area - Sd 487 cm²
 Xmax 30 mm peak to peak

Electrical / Mechanical Parameters

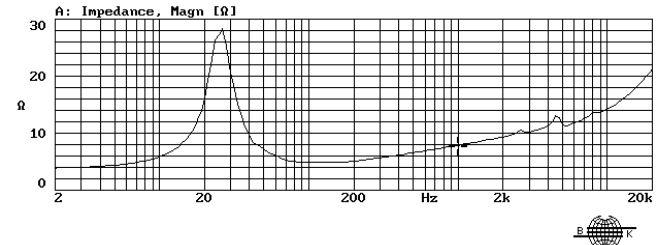
Flux Density x Length - BL 14 Tesla-meters
 Compliance - Cms 233 μm/N
 Total Mass - Mms 152 grams



Frequency Response (1W, 1m)



Impedance



Distortion (1W, 1m)

