

dBurn

SPL & High Pressure by **ESB AUDIO**

DB2-6.5
6.5"/165 MM HIGH EFFICIENCY MID-WOOFER

MAIN FEATURES

Nominal Diameter: 6.5"/165 mm
Nominal Impedance (Znom): 4 Ohms
Continuous Power Handling*: 170 W
Peak Power Handling: 340 W
Rec. Amplifier Power: 60 - 250W (RMS)
Frequency Response: 85 - 9.000 Hz

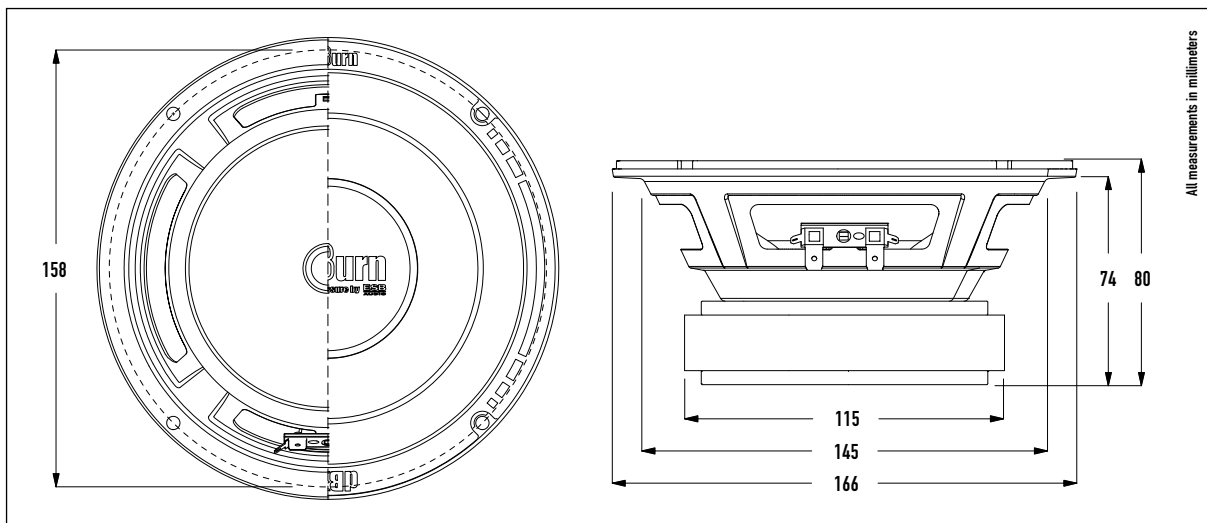
PARAMETERS

Voice Coil Resistance (Re): 3.4 Ohms
Voice Coil Diameter: 38.6 mm
Free Air Resonance (Fs): 99 Hz
Sensitivity: 91.5 dB @ 1W/1m
94.5 dB @ 2.83V/1m
Electrical "Q" (Qes): 0.6873
Mechanical "Q" (Qms): 6.047
Total Speaker "Q" (Qts): 0.617
Equivalent Compliance (Vas): 5.906 lt
Moving Mass (Mms): 11.79 g
Mech. Compliance (Cms): 0.2191 mm/N
Magnetic Strength (BL): 6.0237 N/A
Effective Piston Area (Sd): 139 sq. cm
One-Way Linear Excursion (Xmax): 3.45 mm

DESIGN BANDWIDTH

With 48 dB/oct. HP filters: 70 Hz - 9 KHz
With 24 dB/oct. HP filters: 85 Hz - 9 KHz
With 12 dB/oct. HP filters: 100 Hz - 9 KHz

* Power handling with HP filter as suggested below



FREQUENCY RESPONSE vs IMPEDANCE

