ESB AUDIO

1.8-4

8”/200 MM SVC SUBWOOFER

Speaker Type: Component Subwoofer
Nominal Diameter: 8”/200 mm
Nominal Impedance (Znom): 4 Ohms
Continuous Power Handling: 200 W
Peak Power Handling: 400 W
Rec. Amplifier Power: 50 - 300W (RMS)
Frequency Response: 35 - 400 Hz

PARAMETERS

Voice Coil Resistance (Re): 3.6 Ohms
Voice Coil Diameter: 38.6 mm
Free Air Resonance (Fs): 37.4 Hz
Sensitivity: 86.0 dB @ 1W/1m
89.0 dB @ 2.83V/1m
Electrical “Q” (Qes): 0.372
Mechanical “Q” (Qms): 3.374
Total Speaker “Q” (Qts): 0.335
Equivalent Compliance (Vas): 17.68 lt
Moving Mass (Mms): 69.79 g
Mech. Comp. (Cms): 0.259 mm/N
Magnetic Strength (BL): 12.591 N/A
Effective Piston Area (Sd): 219 sq. cm
One-Way Linear Excursion (Xmax): 8.5 mm

DESIGN BANDWIDTH

35 Hz - 400 Hz



