4 inch Woofer

- High Excursion
- Very Low Distortion
- No Stray Magnetic Fields
- Wide Bandwidth

Nominal Diameter ............ 4 inches (105 mm)
Nominal Impedance (Z) ........ 8 ohms
Sensitivity, 1W/1m (E) ........ 84 dB @ 1 kHz
Power Capacity, RMS (Pe) ....... 20 W
Power Capacity, Peak ........... 40 W
Frequency Range (-10dB) ....... 60 Hz - 6 kHz
Minimum Impedance .......... 4 ohms
Voice Coil Diameter .......... 25.5 mm
Voice Coil Winding Length (h) .... 5.8 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) ....... 16.7 mm
Cone Material ................. Anodized Aluminum
Surround Material .............. Foamed Rubber
Polarity, Outward Motion ...... Positive voltage on (+) terminal
Net Weight ................... 0.384 kg

Thiele / Small Parameters
Resonant Frequency (Fo) - Fs .... 62 Hz
Voice Coil DC Resistance - Re .... 6.17 ohms
Total Q - Qts ................. 0.44
Mechanical Q - Qms .......... 7.79
Electrical Q - Qes .......... 0.47
Equivalent Volume of Air - Vas .... 3.18 L
Radiating Piston Area - Sd ....... 50.27 cm²

Electrical / Mechanical Parameters
Flux Density x Length - BL ....... 6.12 Tesla-meters
Compliance - Cms ............. 893 μm/N
Total Mass - Mms ............. 7.29 grams

NS4-255-8D