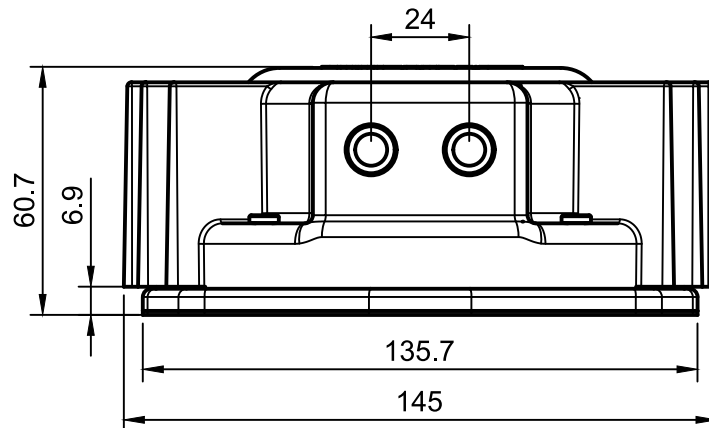
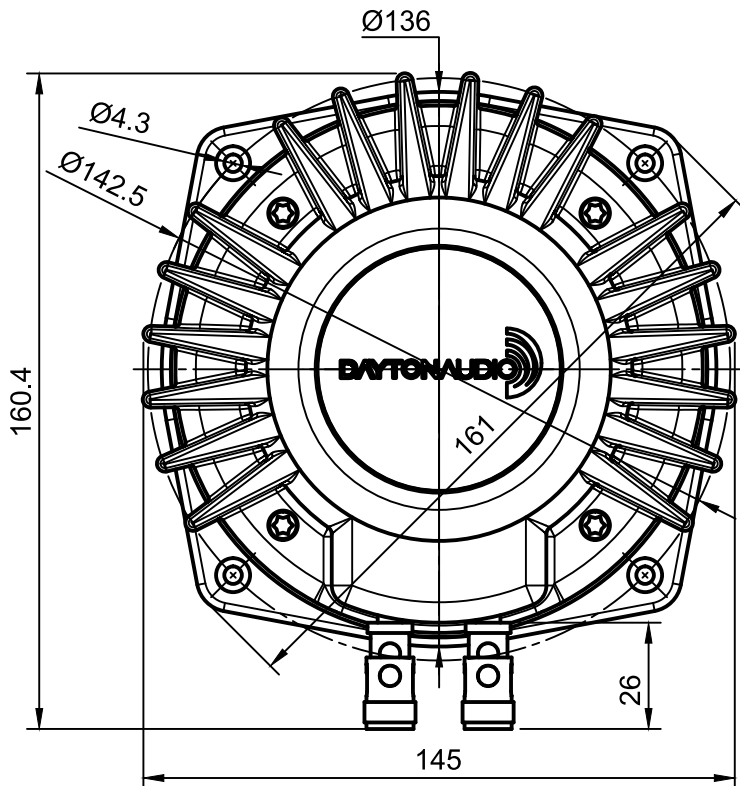
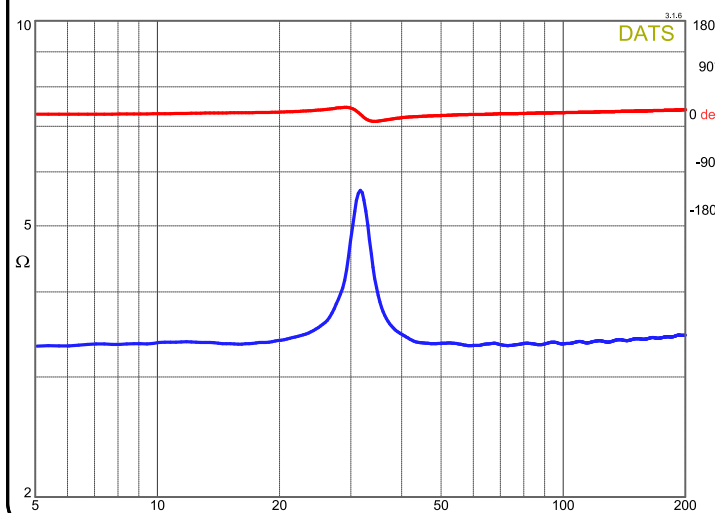




GENERAL SPECIFICATIONS

Dimensions	136 x 136 x 61 mm
Rated / Max Power	50W / 100W (Max. Power: IEC 60268-5; 60s on / 120s off, 10 cycles at room temperature)
AC Impedance	4Ω
DC Resistance	3.6Ω
Resonance Frequency (Fs)	30 Hz
Peak Force	30 lbf ±10%
Frequency Range	10 - 80 Hz
Magnet Material	Ferrite
Storage Temperature	-20 to +70°C
Operating Temperature	-10 to +85°C
Buzz & Rattle	Not audible at 6.32V sine wave between 20 Hz and 1.0 kHz
Condensation	No condensation
IP Rating	IP50
Protection Regulation	RoHS
Use Environment	Indoor normal environment only. Outdoor, high humidity, rain exposure, and condensation are prohibited.

IMPEDANCE/PHASE



ENVIRONMENTAL TEST

High Temperature Test	Placed in a chamber at +85°C for 96 hours.
Low Temperature Test	Placed in a chamber at -10°C for 96 hours.
Humidity Test	Placed in a chamber at +40°C and 90 ±5% relative humidity for 96 hours.
Temperature Cycle Test	Low temperature -10°C ±2°C for 2 hours / high temperature +85°C ±2°C for 2 hours = 1 cycle; 10 cycles total.
Cycle Test Evaluation	After testing, condition at +25°C for 6 hours before measurement. No impairment to normal operation, damage, cracks, rust, or distortion. No abnormal noise at 14.1V sine wave from Fs to 500 Hz. SPL deviation within ±3 dB.