



8" DRIVER

PURE
SOUND

E8F-S4 DATA SHEET



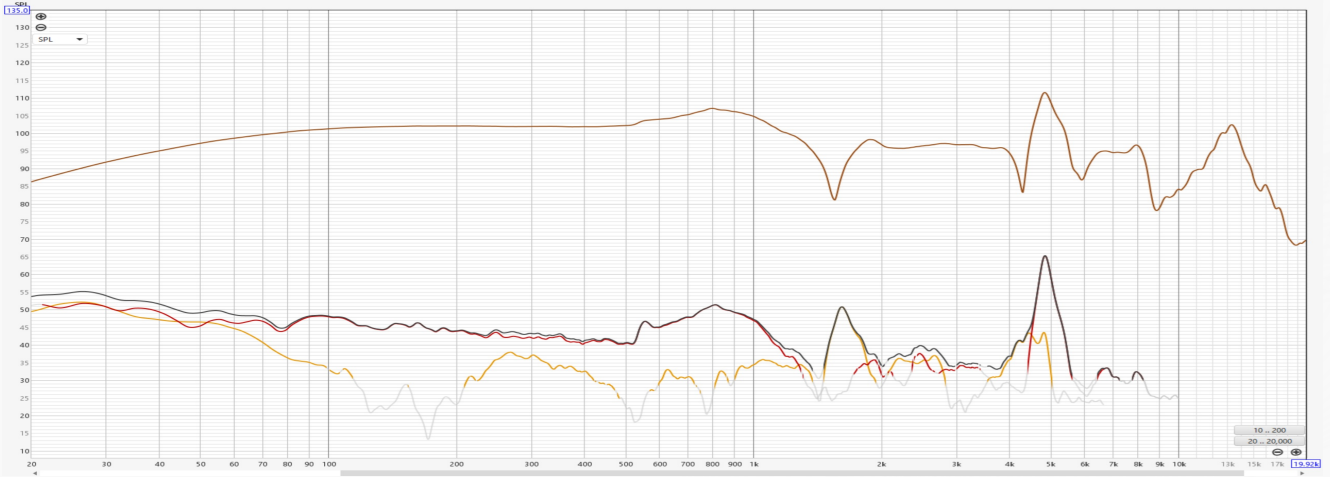
KEY FEATURES:

- Optimal for IB or enclosure application
- 8" nominal diameter
- 3" nominal coil diameter
- 50 - 300W Recommended power
- 300 W RMS Power Handling
- 4 Ohm Nominal impedance
- 87.8 dB Sensitivity
- Ventilated voice coil gap for reduced power compression
- Modified Aluminium Cone
- Voice coil former material - Aluminum
- Voice coil material - self bonding copper wire
- High stability aluminium basket
- Ferrite magnet

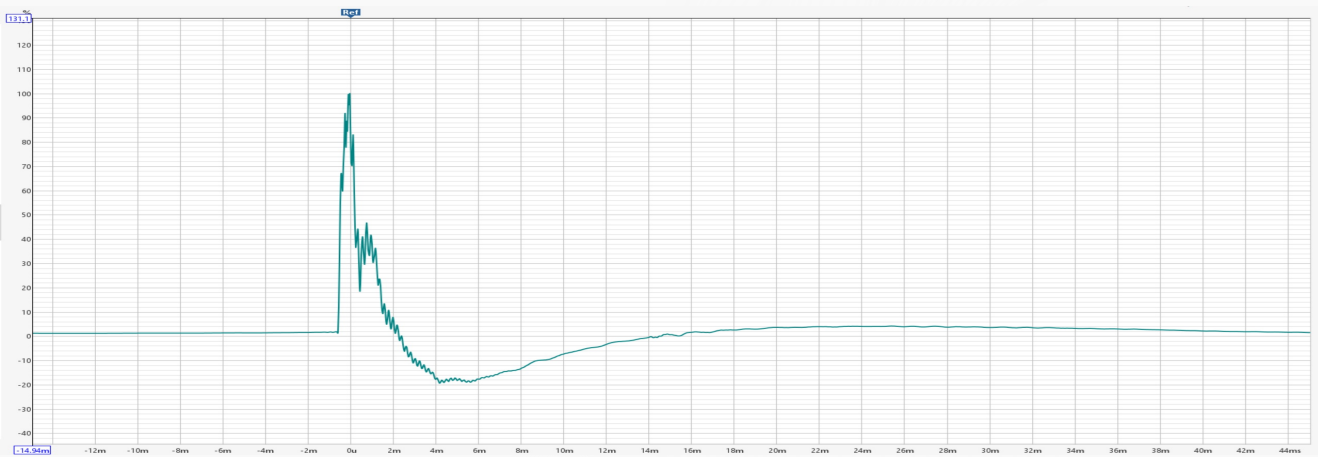
DRIVER PARAMETERS

PARAMETER	VALUE
Resonance in Free Air (Fs)	38.575 Hz
Total Q (Qts)	0.41901
Electrical Q (Qes)	0.44803
Mechanical Q (Qms)	6.04667
Equivalent Volume (Vas)	26.779 liters
Compliance (Cms)	0.405 mm/N
Mechanical Resistance (Rms)	1.611 kg/s
DC Resistance (Re)	4.0727 Ohms
Max Linear Excursion (Xmax)	9mm 80% BL
Max Excursion (Xpeak)	16mm peak
Piston Area (Sd)	211cm ²
Sensitivity (1W/1m)	87.811 dB SPL
Sensitivity (2.83V/m)	90.7288 dB SPL
Voice Coil Inductance (Le)	0.42497 mH (1k Hz)
Effective Moving Mass (Mms)	38.6 grams
BL Product (BL)	9.897 N/A

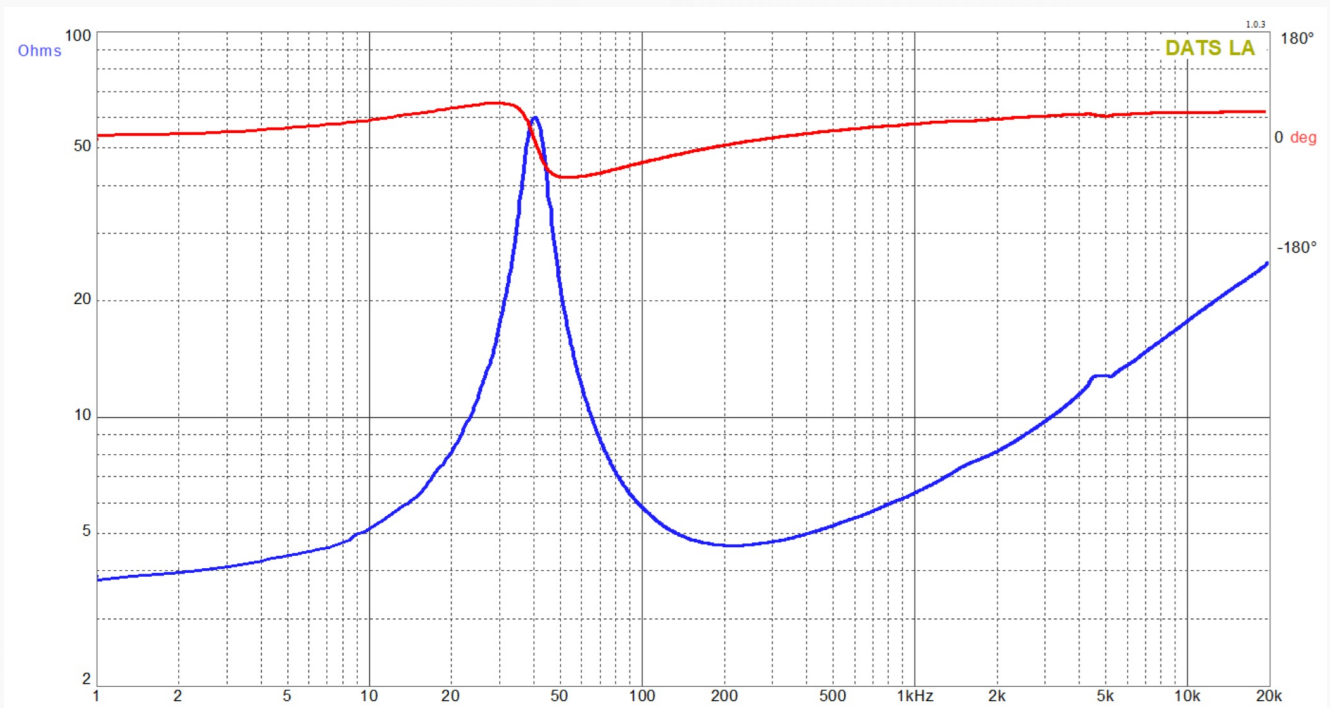
FREQUENCY RESPONSE / DISTORTION



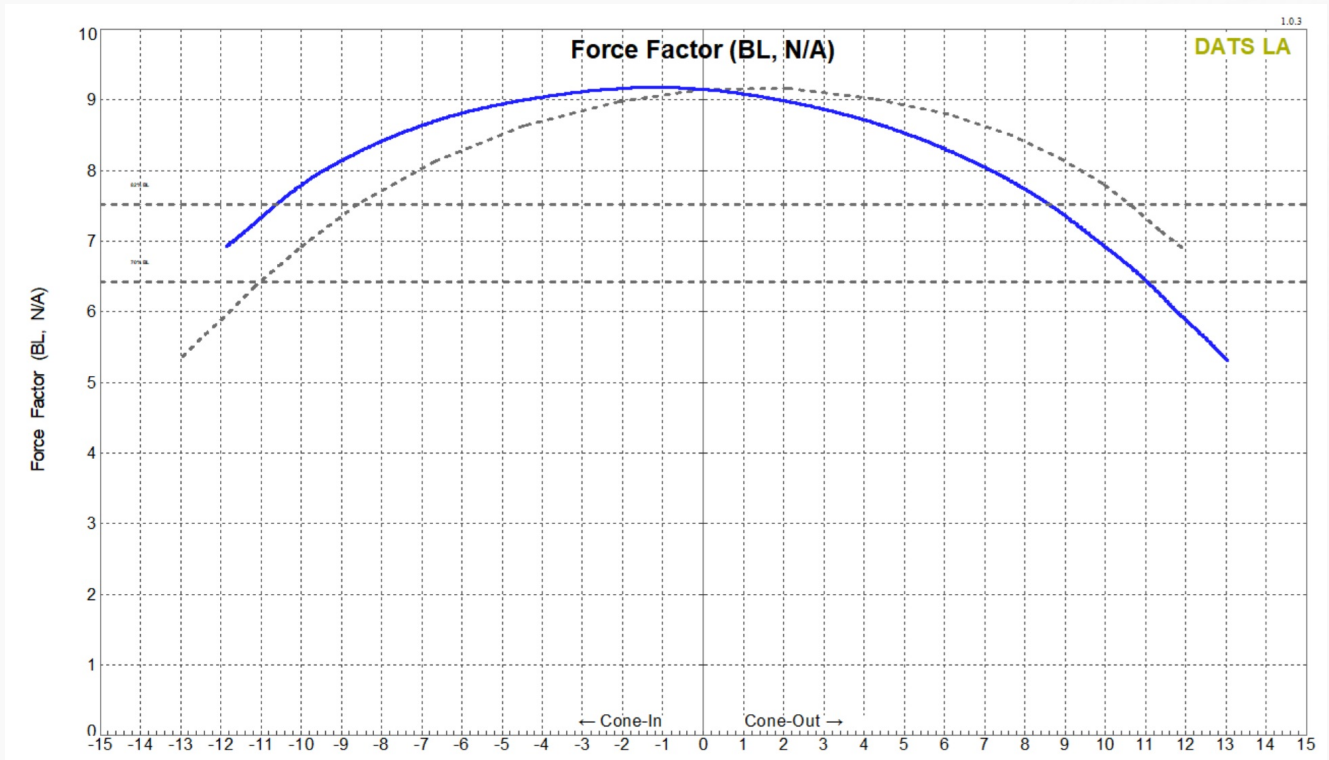
STEP RESPONSE



TYPICAL PERFORMANCE, GRAPHS (IMPEDANCE)



TYPICAL PERFORMANCE, GRAPH (SYMETRY)



DRAWINGS

