



15" DRIVER

PURE
SOUND

E15F-S4 DATA SHEET



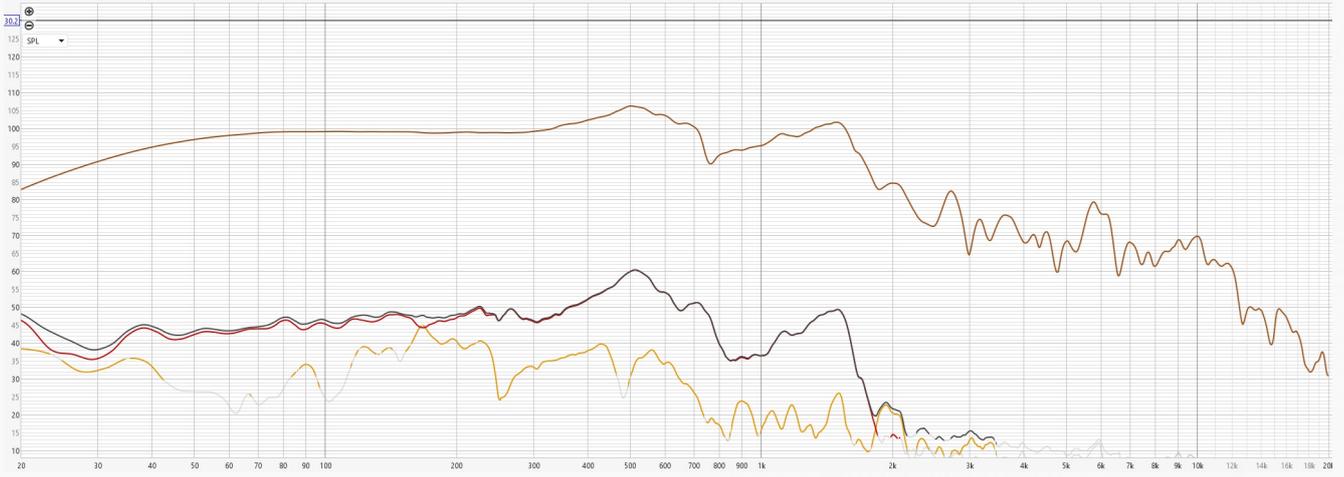
KEY FEATURES:

- Optimal for IB or enclosure application
- 15" nominal diameter
- 3" nominal coil diameter
- 150 - 500W Recommended power
- 500 W RMS Power Handling
- 4 Ohm Nominal impedance
- 92.5 dB Sensitivity
- Ventilated voice coil gap for reduced power compression
- Modified Cellulose Cone
- Voice coil former material - Aluminum
- Voice coil material - self bonding copper wire
- High stability aluminium basket
- Double Ferrite magnet

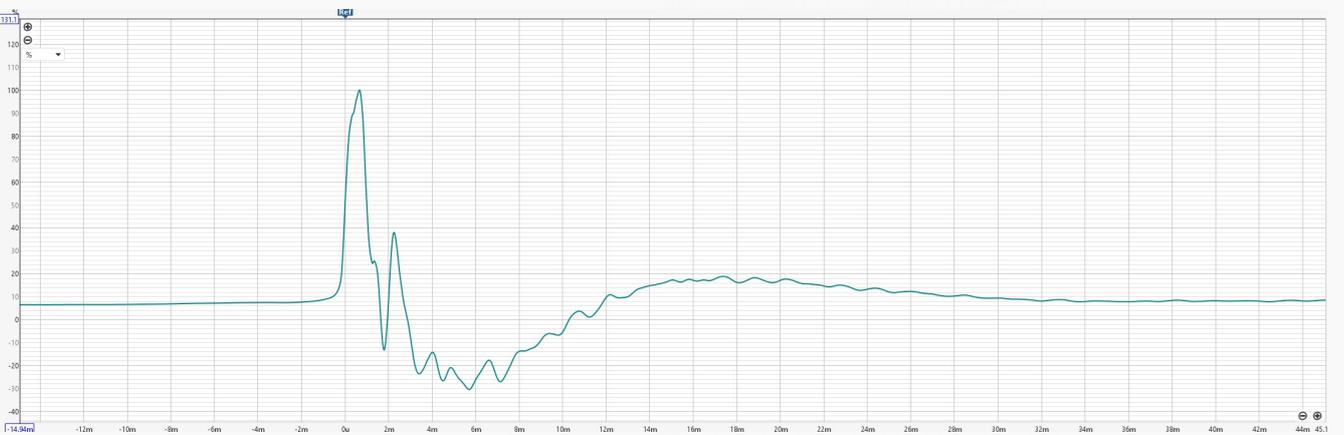
DRIVER PARAMETERS

PARAMETER	VALUE
Resonance in Free Air (Fs)	25.075 Hz
Total Q (Qts)	0.42901
Electrical Q (Qes)	0.40803
Mechanical Q (Qms)	9.39667
Equivalent Volume (Vas)	270.779 liters
Compliance (Cms)	0.303 mm/N
Mechanical Resistance (Rms)	3.111 kg/s
DC Resistance (Re)	3.9727 Ohms
Max Linear Excursion (Xmax)	18mm 80% BL
Max Excursion (Xpeak)	23mm peak
Piston Area (Sd)	850cm ²
Sensitivity (1W/1m)	89.6631 dB SPL
Sensitivity (2.83V/m)	92.5288 dB SPL
Voice Coil Inductance (Le)	0.92497 mH (1k Hz)
Effective Moving Mass (Mms)	150.6 grams
BL Product (BL)	14.8947 N/A

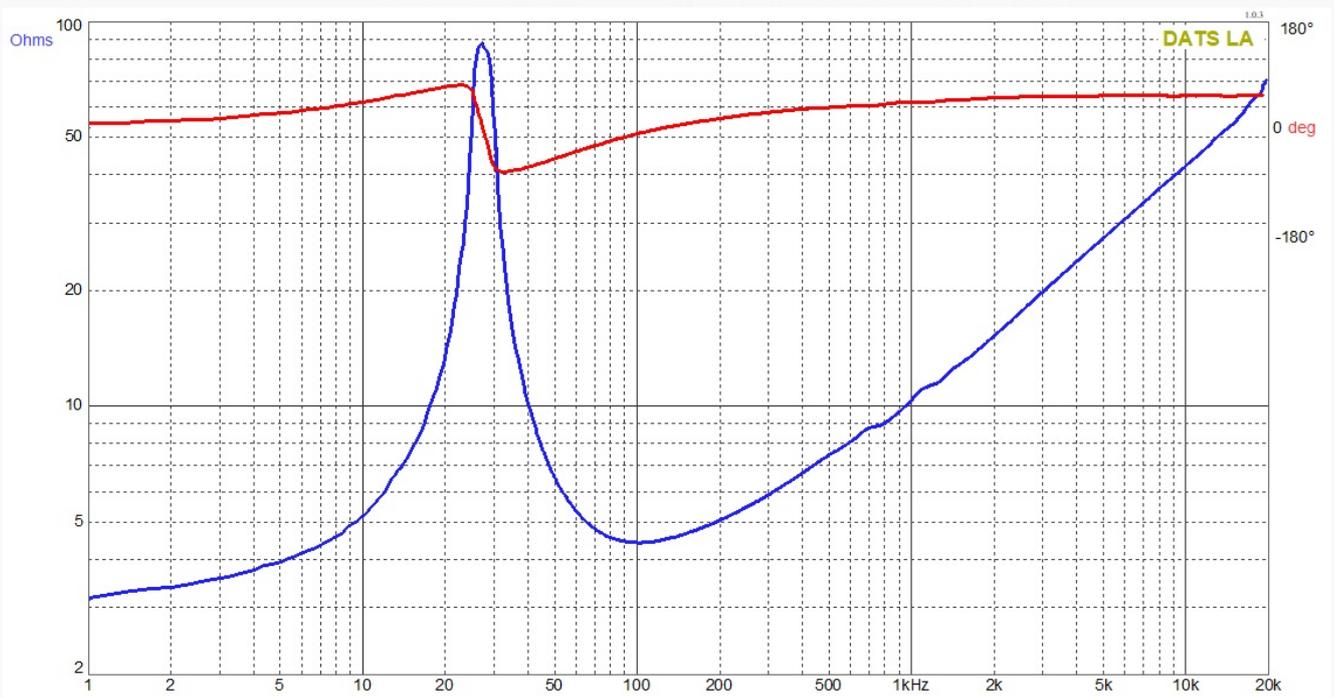
FREQUENCY RESPONSE / DISTORTION



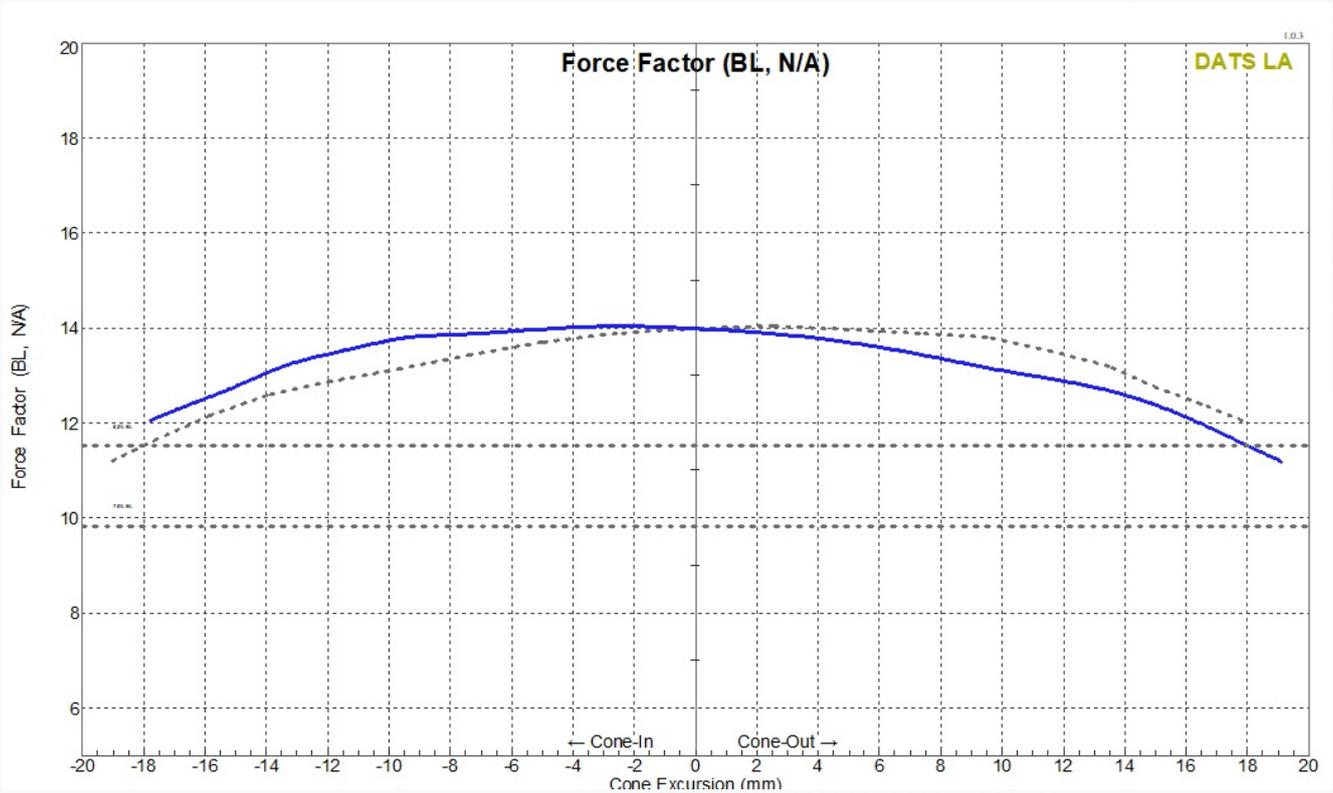
STEP RESPONSE



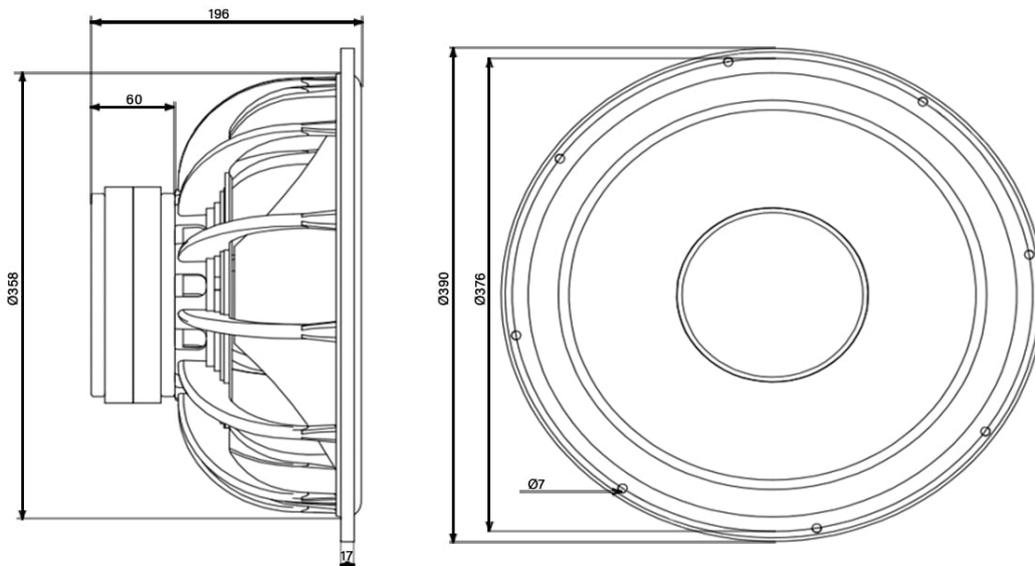
TYPICAL PERFORMANCE, GRAPHS (IMPEDANCE)



TYPICAL PERFORMANCE, GRAPH (SYMETRY)



DRAWINGS



All dimensions are in millimeters (mm).