



**Model # Liverpool 1275 Part # 86043**  
**12" Guitar Speaker, 75 Watt, 16 Ohm**



### Key Features

- 12" Speaker
- 75 Watts
- 16 Ohm
- 50 oz. Magnet
- 1.75" Voice Coil Diameter
- Nomex Voice Coil Former

### Primary Specifications

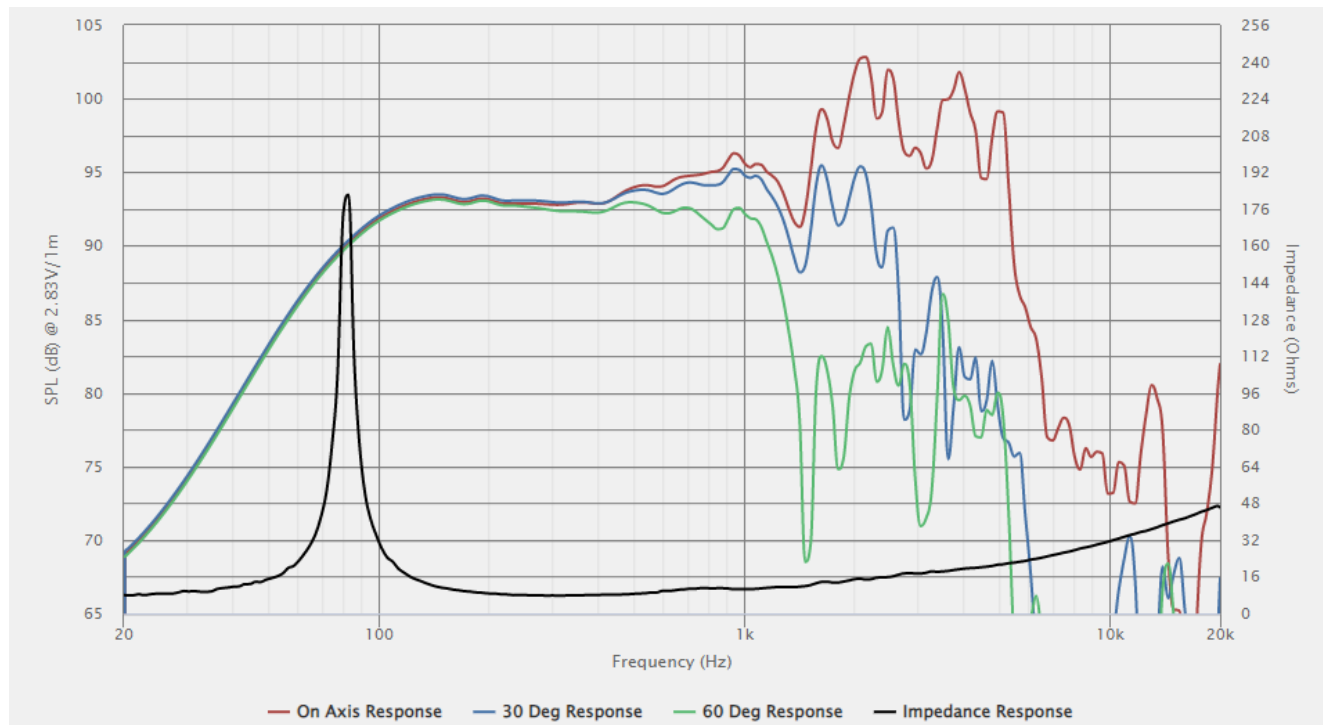
Size, Nominal (inch & mm)	12" (305 mm)
Nominal Impedance (Z) ( $\Omega$ )	16
Rated Power IEC268-5 (W)	75
Sensitivity (dB SPL) <sup>1</sup> (@1W/1 m)	100
Frequency range (Hz)	75 – 5,000
Resonant Frequency (Fs) (Hz)	83

### Product Description

The Liverpool 1275 is the classic British rock tone, inspired by tones from the 80's. A complex, thick and vocal midrange cuts through the upper-register, while nice, full, lower-mid grunt completes the warm, gutsy, tight lows. The highs, while clear, open and articulate remain warm and ear pleasing.

### Sensitivity & Impedance Curves

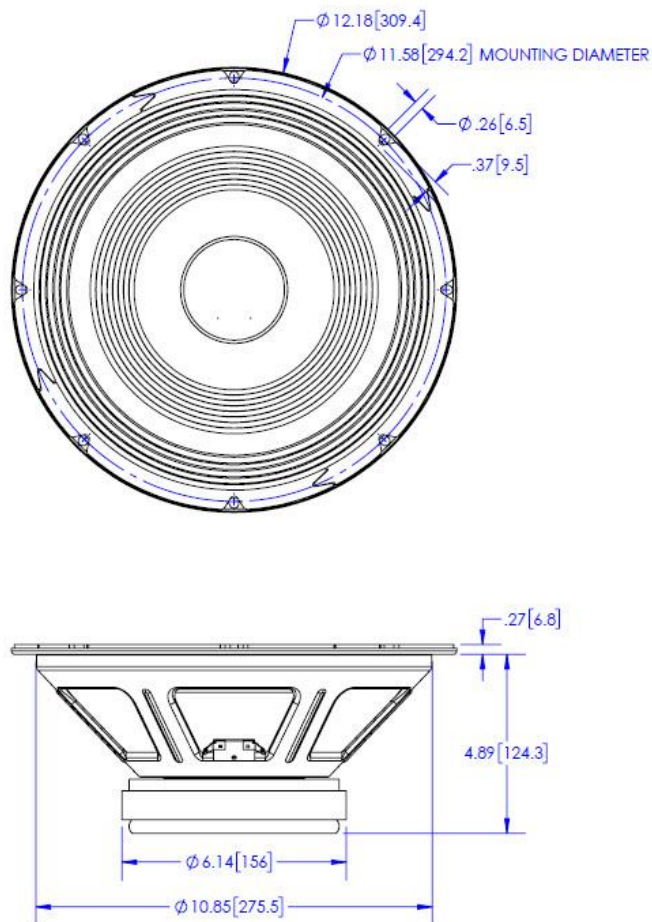
Input: 2.83 volts measured at 1 Meter





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### Transducer Drawings\*



\*CAD file available upon request

### Transducer Specifications (Klippel LPM)

Nominal Impedance (ohms)	16
DC Resistance (Re) (ohms)	14.0
Resonant Frequency (Fs) (Hz)	83
Voice Coil Inductance (Le) (mH)	0.6
Mechanical Q factor (Qms)	10.0
Electrical Q factor (Qes)	0.93
Total Q factor (Qts)	0.85
Moving Mass (Mms) (g)	30.4
Compliance (Cms) (mm/N)	0.1
Mechanical Resistance (Rms) (kg/s)	1.78
Effective Piston Area (Sd) (cm <sup>2</sup> )	551.6
Suspension Equivalent Volume (Vas) (liters)	41.4
Force Factor (Bl) (T*m)	16.3
Efficiency (No) (%)	3.4

### About ToneSpeak™

ToneSpeak guitar speakers are the result of years and years of the deep-dive for the perfect tone. Decades of testing, field experience and conversations with elite tone-chasers have all been poured into these fine products. When you play ToneSpeak, you play the best.

**All ToneSpeak products are assembled in Minnesota, with parts sourced from around the world to produce the highest combination of performance, consistency, and customer value.**

