

# SLS 8" Subwoofer

# Peerless

Type Number: 830667

## Features:

The SLS line combines high quality performance with an affordable design. These transducers are ideal for use in systems with high power handling requirements, and are logically combined with the SDS line.

Driver Highlights: Coated paper cone, 39 mm voice coil, AL shorting ring in magnet system.

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### Specs:

Electrical Data Nominal impedance Minimum impedance Maximum impedance DC resistance Voice coil inductance Capacitor in series with x ohm	Zn Zmin Zo Re Le Cc	8 5.9 71.3 5.4 2.1 	ohm ohm ohm ohm mH uF
<b>T-S Parameters</b> Resonance Frequency Mechanical Q factor Electrical Q factor Total Q factor Ratio fs/Qts Force factor Mechanical resistance Moving mass Suspension compliance Effective cone diameter Effective piston area Equivalent volume Sensitivity Ratio $BL/\sqrt{(Re)}$	fs Qms Qes Qts F BI Rms Mms Cms D Sd Vas	36.5 7.8 0.59 0.54 67 8.3 1.06 33 0.57 16.1 204 33.1 87.2 3.6	Hz Tm Kg/s g mm/N cm cm <sup>2</sup> Itrs dB

#### Power handling

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100h RMS noise test (IEC)		W
Long-term Max System Power	220	W
(IEC)		
Max linear SPL (rms) @ power		dB/W
Short Term Max power		W
Voice Coil and Magnet Parameters		
Voice coil diameter	39	mm
Voice coil height	25	mm
Voice coil layers	2	
Height of the gap	8	mm
Linear excursion +/-	8.5	mm
Max mech. excursion +/-		mm
Flux density of gap		mWb
Total useful flux	1.4	mWb
Diameter of magnet	115	mm
Height of magnet	22	mm
Weight of magnet	0.87	Kg



