

# SLS 10" Subwoofer

# Peerless

## Type Number: 830668

### 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.



#### 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 6.3 53.2 5.6 3.3 	ohm ohm ohm ohm mH uF
T-S Parameters Resonance Frequency	fs	33.3	Hz
Mechanical Q factor	Qms	4.85	
Electrical Q factor	Qes	0.57	
Total Q factor	Qts	0.51	
Ratio fs/Qts	F	65	
Force factor	BI	10.2	Tm
Mechanical resistance	Rms	2.2	Kg/s
Moving mass	Mms	51.1	g
Suspension compliance	Cms	0.45	mm/N
Effective cone diameter	D	20.7	cm
Effective piston area	Sd	335	cm²
Equivalent volume	Vas	69.3	ltrs
Sensitivity		88.7	dB
Ratio BL/√(Re)		4.3	

#### Power handling

100h RMS noise test (IEC)		W
Long-term Max System Power (IEC)		W
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	24	mm
Voice coil layers	4	
Height of the gap	8	mm
Linear excursion +/-	8	mm
Max mech. excursion +/-		mm
Flux density of gap		mWb
Total useful flux	1.3	mWb
Diameter of magnet	115	mm
Height of magnet	22	mm
Weight of magnet	0.87	Kg



Mechanical Dimensions: