

Model No.: SLS-P830667  
 Product Line: Peerless

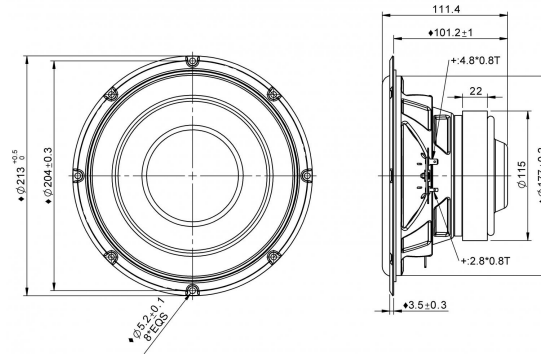
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## Product Description

The SLS line combines high quality performance with an affordable design. This 8 inch 8 ohm member of the SLS family features a rigid steel basket, a coated paper cone, and a ferrite magnet motor with aluminium shorting ring for improved distortion performance.



## Mechanical Drawing



## Specifications

DC Resistance	Revc	Ohms	5.53	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	6.21	7.5%	Moving Mass	Mms	g	34.8
Voice Coil Inductance	Le	mH	0.78		Suspension Compliance	Cms	um/N	409.1
Resonant Frequency	Fs	Hz	42.19	15%	Effective Cone diameter	D	cm	16.5
Mechanical Q Factor	Qms		5.73		Effective Piston Area	Sd	cm <sup>2</sup>	213.8
Electrical Q Factor	Qes		0.75		Effective Volume	Vas	L	26.27
Total Q Factor	Qts		0.66		Motor Force Factor	BL	Tm	8.26
Ratio Fs/Qts	F	Fs/Qts	63.83		Motor Efficiency Factor	$\beta$	(T*M <sup>2</sup> )/Ohms	12.3
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	86.67	+/- 1.0db	Voice coil former Material	VCfm		GSV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	85.6	+/- 1.0db	Voice coil inner diameter	VCd	mm	38.43
Gap Height	Gh	mm	8		Rated Noise Power	P	W	90
Maximum Linear Excursion	Xmax	mm	8.4		Test Spectrum Bandwidth		20Hz - 20kHz	
Ferrofluid Type	FF				Driver Size	Inch	8 in	
Driver Mass	Kg		2.52					

## Frequency and Impedance Response



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