

Model No: PLS-65N25AL03-04  
 Product Line:

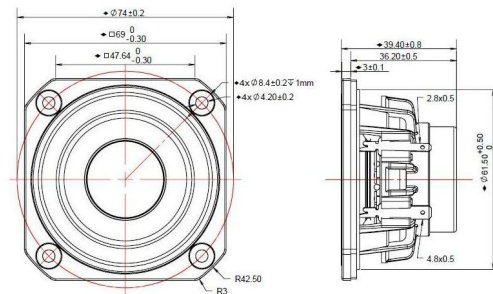
Rev 1  
 Last Update: 2017-01-05 14:20:43

## Product Description

PLS mid-range ,2.5 inch.4 ohm ,neodymium magnet, steel basket,AL cone  
 NOTE THIS DRIVER IS NOT APPROVED AND/OR IS NOT IN MASS PRODUCTION YET.  
 AS SUCH IT MAY BE SUBJECT TO CHANGE.  
 SPEC IS ONLY FOR INFORMATION.  
 PLEASE CHECK STATUS WITH THE ENGINEER



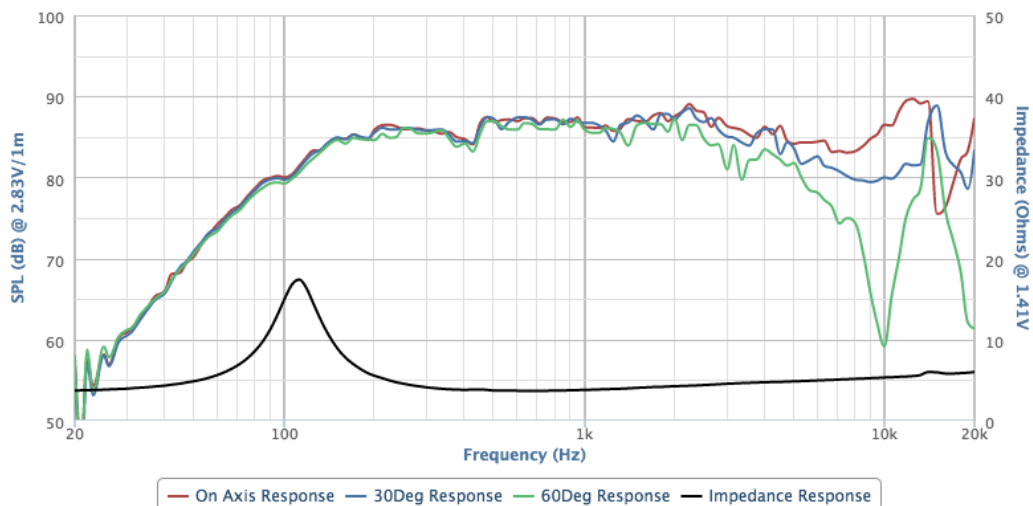
## Mechanical Drawing



## Specifications

DC Resistance	Revc	Ohms	3.97	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	147.93
Minimum Impedance	Zmin	Ohms	3.68	7.5%	Moving Mass	Mms	g	2.16
Voice Coil Inductance	Le	mH	0.03		Suspension Compliance	Cms	um/N	824.76
Resonant Frequency	Fs	Hz	119.38	15%	Effective Cone diameter	D	cm	5.2
Mechanical Q Factor	Qms		3.71		Effective Piston Area	Sd	cm <sup>2</sup>	21.24
Electrical Q Factor	Qes		0.81		Effective Volume	Vas	L	0.52
Total Q Factor	Qts		0.66		Motor Force Factor	BL	Tm	2.82
Ratio Fs/Qts	F	Fs/Qts	180.06		Motor Efficiency Factor	β	(T*M <sup>2</sup> )/Ohms	2
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	87.07	+/- 1.0db	Voice coil former Material	VCfm		ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	83.69	+/- 1.0db	Voice coil inner diameter	VCd	mm	25.73
Gap Height	Gh	mm	3		Rated Noise Power	P	W	25
Maximum Linear Excursion	Xmax	mm	1.65		Test Spectrum Bandwidth	100Hz-20KHz		
Ferrofluid Type	FF				Transducer Size	Inch	2.5	
Transducer Mass	Kg	0.143						

## Frequency and Impedance Response



Highcharts.com