

Model No.: ANC-50N25AL04-04

Rev: 1

Product Line: Tymphany

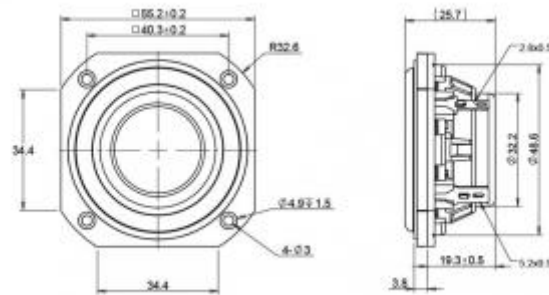
Last Update: 2018-05-15 00:01:42

Product Description

Full-range, 2in, anodized AL cone, neo motor, Rubber surround, plastic basket, 4ohm.



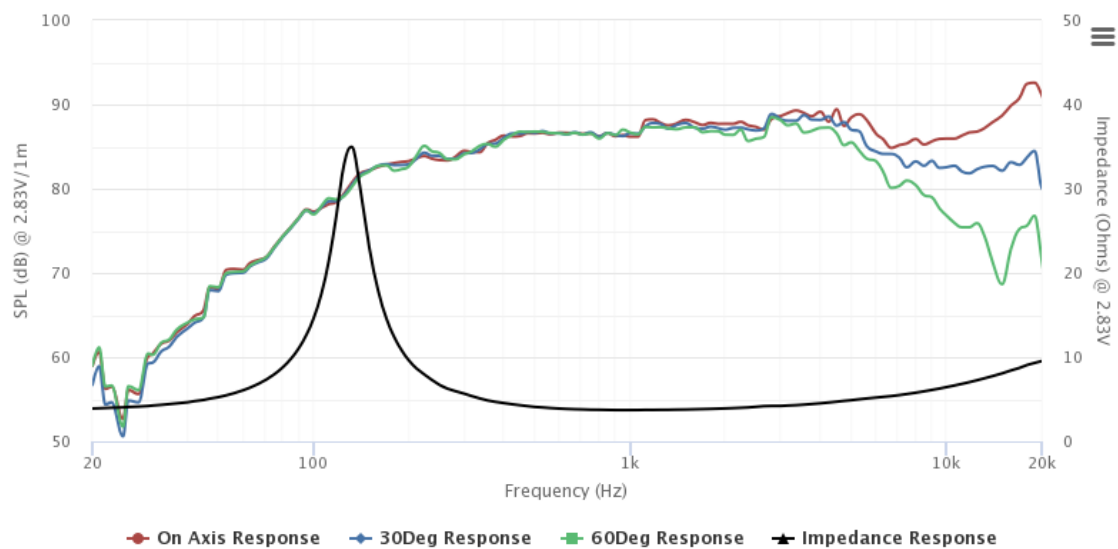
Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	3.51	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	3.72	7.5%	Moving Mass	Mms	g	1.3
Voice Coil Inductance	Le	mH	0.1		Suspension Compliance	Cms	um/N	839
Resonant Frequency	Fs	Hz	153.6	15%	Effective Cone diameter	D	cm	4.2
Mechanical Q Factor	Qms		6.54		Effective Piston Area	Sd	cm^2	13.9
Electrical Q Factor	Qes	0.55			Effective Volume	Vas	L	0.16
Total Q Factor	Qts		0.51		Motor Force Factor	BL	Tm	2.8
Ratio Fs/Qts	F	Fs/Qts	301.18		Motor Efficiency Factor	β	(T*M^2)/Ohms	2.2
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	86.32	+/- 1.0db	Voice coil former Material	VCfm		Kapton
Half Space Sensitivity @1W/1M	db@1W/1M	dB	83	+/- 1.0db	Voice coil inner diameter	VCd	mm	25.5
Gap Height	Gh	mm	2		Rated Noise Power	P	W	5
Maximum Linear Excursion	Xmax	mm	1.8		Test Spectrum Bandwidth		100Hz-20KHz	
Ferrofluid Type	FF				Driver Size	Inch	2 in	
Driver Mass	Kg	0.07						

Frequency and Impedance Response



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