

Model No.: ANC-50N25AL04-04

Rev: 1

Product Line: Tymphany

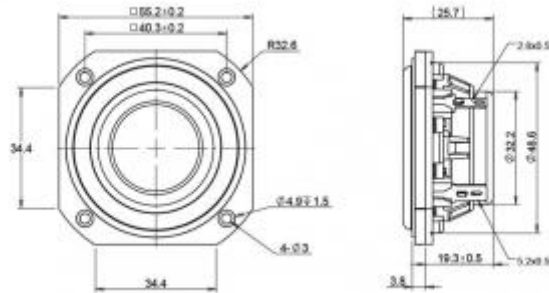
Last Update: 2018-05-15 00:01:42

Product Description

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



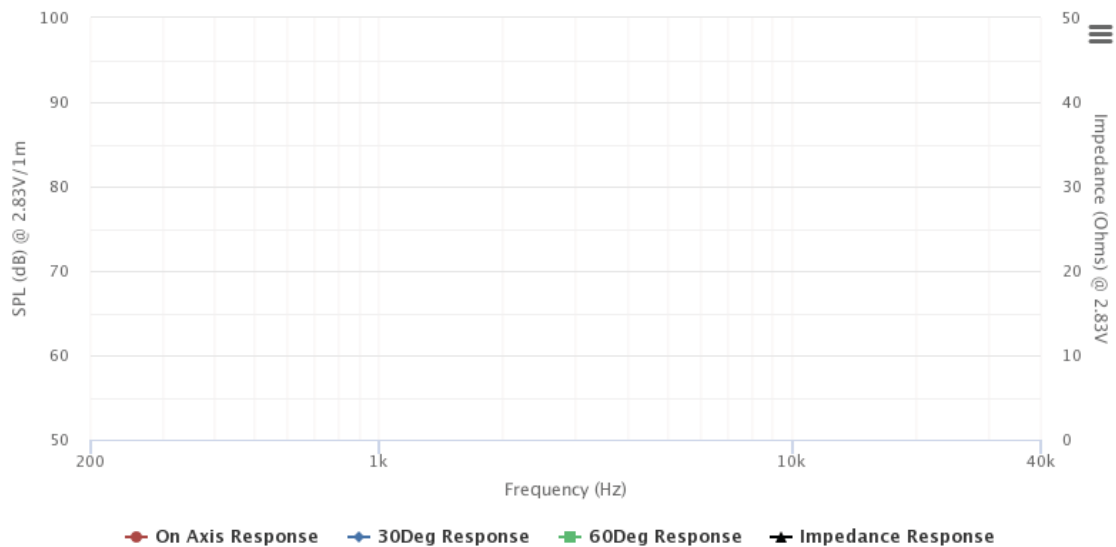
Mechanical Drawing



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
Voice Coil Inductance	Le	mH	0.1		Suspension Compliance	Cms	um/N
Resonant Frequency	Fs	Hz	153.6	15%	Effective Cone diameter	D	cm
Mechanical Q Factor	Qms		6.54		Effective Piston Area	Sd	cm^2
Electrical Q Factor	Qes		0.55		Effective Volume	Vas	L
Total Q Factor	Qts		0.51		Motor Force Factor	BL	Tm
Ratio Fs/Qts	F	Fs/Qts	301.18		Motor Efficiency Factor	β	(T*M^2)/Ohms
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
Gap Height	Gh	mm	2		Rated Noise Power	P	W
Maximum Linear Excursion	Xmax	mm	1.8		Test Spectrum Bandwidth		100Hz-20KHz
Ferofluid Type	FF				Driver Size	Inch	2 in
Driver Mass	Kg		0.07				

Frequency and Impedance Response



Highcharts.com