

Model No:: TC5FC00-04

Rev: 1

Product Line:

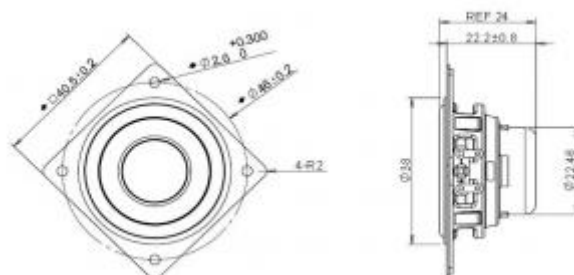
Last Update: 2017-04-25 14:32:09

Product Description

This TC family 1.5 inch 4 ohm full-range driver, with NdFeB magnet, paper cone and PU surround, and steel basket, is designed to be a cost-effective high performance full range driver. The product was designed with television and other compact applications in mind.



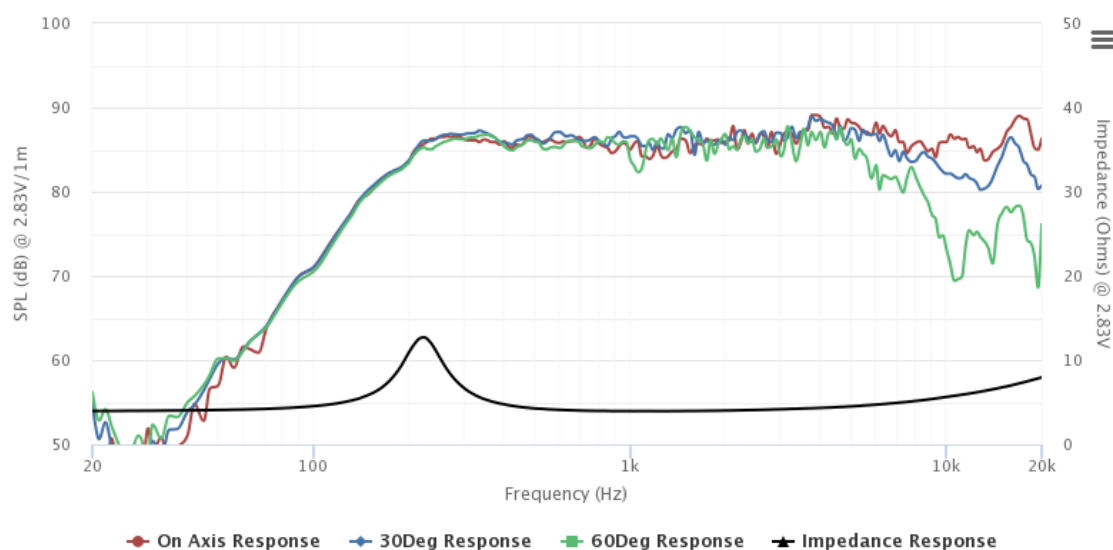
Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	3.05	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	3.95	7.5%	Moving Mass	Mms	g	0.4
Voice Coil Inductance	Le	mH	0.04		Suspension Compliance	Cms	um/N	1067.8
Resonant Frequency	Fs	Hz	233.99	15%	Effective Cone diameter	D	cm	3.15
Mechanical Q Factor	Qms		3.67		Effective Piston Area	Sd	cm^2	7.8
Electrical Q Factor	Qes	1.11			Effective Volume	Vas	L	0.09
Total Q Factor	Qts	0.85			Motor Force Factor	BL	Tm	1.32
Ratio Fs/Qts	F	Fs/Qts	275.28		Motor Efficiency Factor	β	(T*M^2)/Ohms	0.6
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	84.48	+/- 1.0db	Voice coil former Material	VCfm		KSV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	81.4	+/- 1.0db	Voice coil inner diameter	VCd	mm	16.28
Gap Height	Gh	mm	2		Rated Noise Power	P	W	5
Maximum Linear Excursion	Xmax	mm	0.6		Test Spectrum Bandwidth			220-20KHz
Ferrofluid Type	FF				Driver Size	Inch	1.5 in	
Driver Mass	Kg	0.08						

Frequency and Impedance Response



Highcharts.com