

Model No:: TC8FD05-04
Product Line: Tymphany

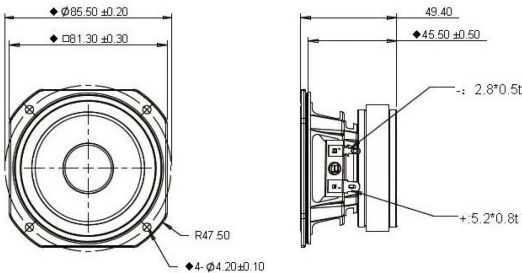
Rev: 1
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Product Description

TC full-range,3 inch,steel basket,ferrite magnet,paper cone,4ohm



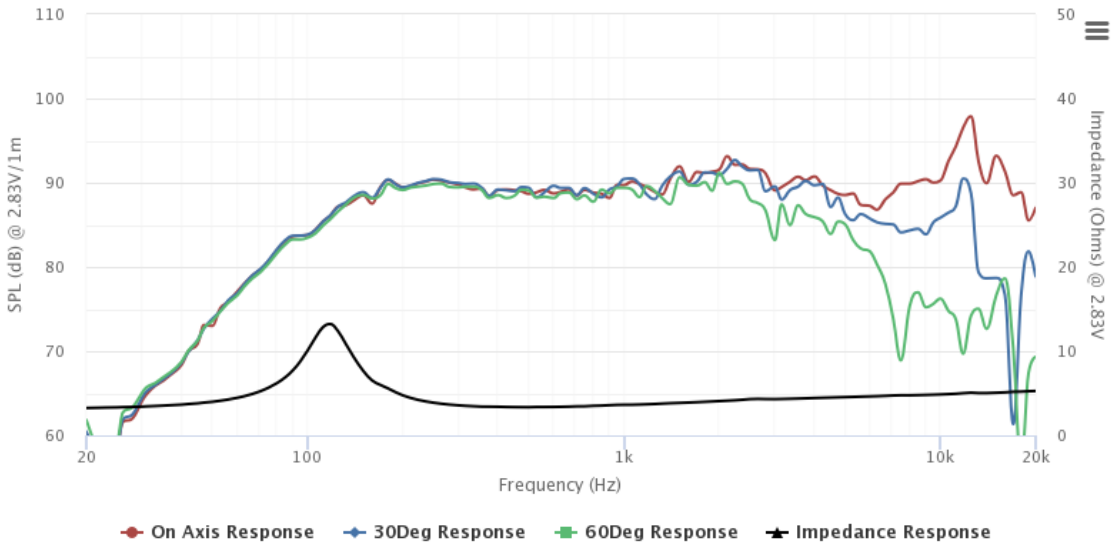
Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	3.16	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	3.34	7.5%	Moving Mass	Mms	g	2
Voice Coil Inductance	Le	mH	0.03		Suspension Compliance	Cms	um/N	574
Resonant Frequency	Fs	Hz	146.8	15%	Effective Cone diameter	D	cm	6.5
Mechanical Q Factor	Qms		3.15		Effective Piston Area	Sd	cm^2	32.7
Electrical Q Factor	Qes	1.03			Effective Volume	Vas	L	0.87
Total Q Factor	Qts		0.78		Motor Force Factor	BL	Tm	2.41
Ratio Fs/Qts	F	Fs/Qts	189.18		Motor Efficiency Factor	β	(T*M^2)/Ohms	1.8
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	88.96	+/- 1.0db	Voice coil former Material	VCfm		ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	85.2	+/- 1.0db	Voice coil inner diameter	VCd	mm	19.43
Gap Height	Gh	mm	4		Rated Noise Power	P	W	20
Maximum Linear Excursion	Xmax	mm	1.4		Test Spectrum Bandwidth		20HZ-10KHZ	
Ferrofluid Type	FF				Driver Size	Inch	3 in	
Driver Mass	Kg	0.38						

Frequency and Impedance Response



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