

Model No.: TC8FD05-04
 Product Line: Tymphany

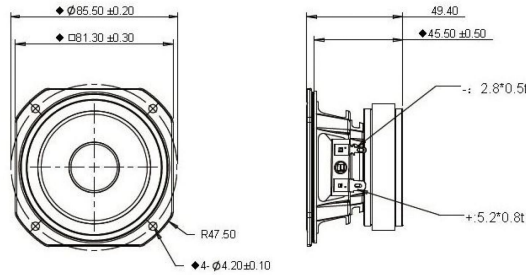
Rev: 1
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Product Description

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



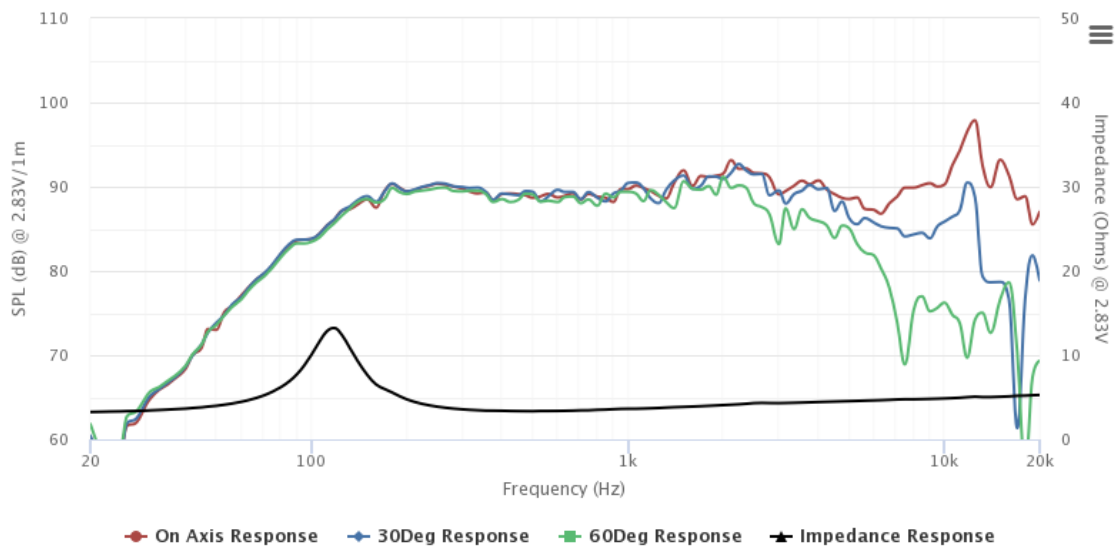
Mechanical Drawing



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
Voice Coil Inductance	Le	mH	0.03		Suspension Compliance	Cms	um/N
Resonant Frequency	Fs	Hz	146.8	15%	Effective Cone diameter	D	cm
Mechanical Q Factor	Qms		3.15		Effective Piston Area	Sd	cm^2
Electrical Q Factor	Qes		1.03		Effective Volume	Vas	L
Total Q Factor	Qts		0.78		Motor Force Factor	BL	Tm
Ratio Fs/Qts	F	Fs/Qts	189.18		Motor Efficiency Factor	β	(T*M^2)/Ohms
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
Gap Height	Gh	mm	4		Rated Noise Power	P	W
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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