TYMPHANY

Driver Specification Sheet

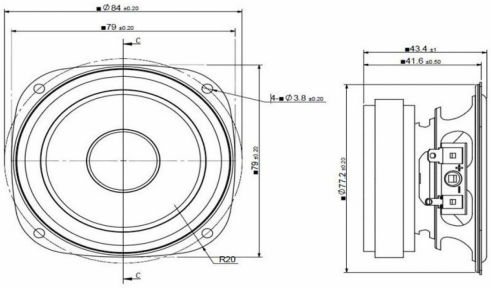
Model No:: TC8FD02-08
Product Line: Tymphany

Rev: 1
Last Update: 2018-04-23 01:14:11

Product Description

TC full-range,3 inch,8 ohm,steel basket,ferrite magnet

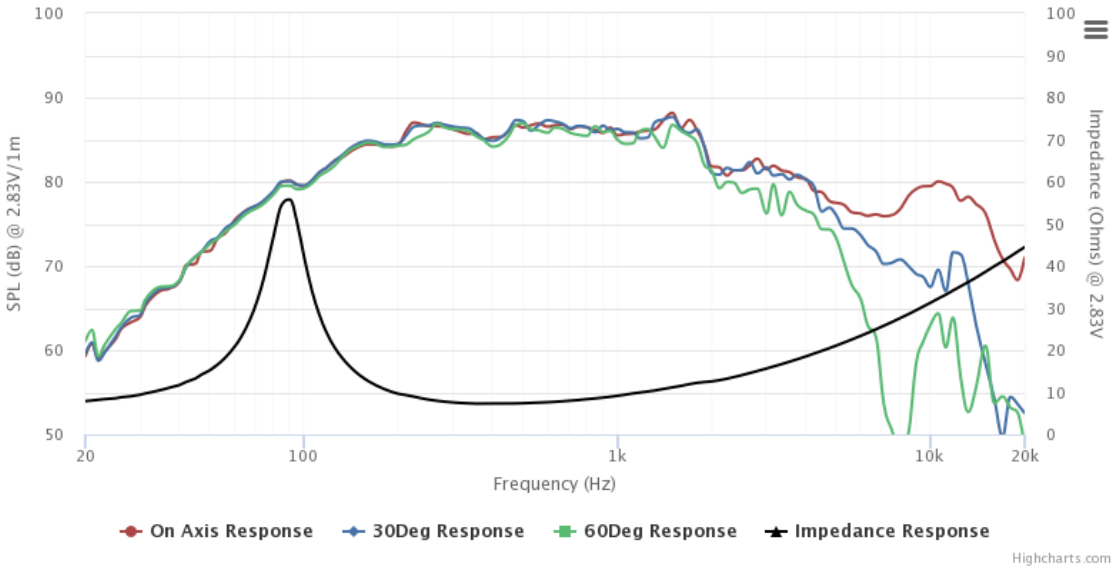
Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	6.75	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	7.31	7.5%	Moving Mass	Mms	g	3.1
Voice Coil Inductance	Le	mH	0.38		Suspension Compliance	Cms	um/N	853.1
Resonant Frequency	Fs	Hz	97.81	15%	Effective Cone diameter	D	cm	6.5
Mechanical Q Factor	Qms		4.45		Effective Piston Area	Sd	cm^2	33.2
Electrical Q Factor	Qes	0.49			Effective Volume	Vas	L	1.32
Total Q Factor	Qts		0.44		Motor Force Factor	BL	Tm	5.14
Ratio Fs/Qts	F	Fs/Qts	222.81		Motor Efficiency Factor	ß	(T*M^2)/Ohms	3.9
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	85.54	+/- 1.0db	Voice coil former Material	VCfm		ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	85.1	+/- 1.0db	Voice coil inner diameter	VCd	mm	19.43
Gap Height	Gh	mm	4		Rated Noise Power	P	W	25
Maximum Linear Excursion	Xmax	mm	2		Test Spectrum Bandwidth	130Hz~20kHz		
Ferrofluid Type	FF				Driver Size	Inch	3 in	
Driver Mass	Kg	0.36						

Frequency and Impedance Response



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