Driver Specification Sheet

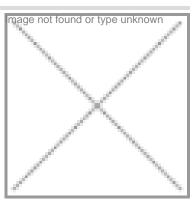
Rev:

Model No:: P22WO03-08

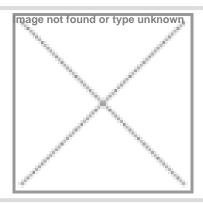
Product Line: Tymphany Last Update: 2017-03-03 09:00:02

Product Description

This is a 8inch 8ohm woofer, with a poly cone and rubber surround, features a ferrite magnet, also with a die-cast aluminum basket. Is designed to be a high performance driver.



Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	6	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	6.5	7.5%	Moving Mass	Mms	g	27.9
Voice Coil Inductance	Le	mH	0.31		Suspension Compliance	Cms	um/N	417
Resonant Frequency	Fs	Hz	46.7	15%	Effective Cone diameter	D	cm	17.4
Mechanical Q Factor	Qms		2.49		Effective Piston Area	Sd	cm^2	237.8
Electrical Q Factor	Qes	0.64			Effective Volume	Vas	L	33.35
Total Q Factor	Qts		0.51		Motor Force Factor	BL	Tm	8.75
Ratio Fs/Qts	F	Fs/Qts	91.57		Motor Efficiency Factor	ß	(T*M^2)/Ohms	12.8
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	90.34	+/- 1.0db	Voice coil former Material	VCfm		ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	89.4	+/- 1.0db	Voice coil inner diameter	VCd	mm	38.6
Gap Height	Gh	mm	6		Rated Noise Power	P	W	80
Maximum Linear Excursion	Xmax	mm	2.7		Test Spectrum Bandwidth	40Hz-7KHz		
Ferrofluid Type	FF				Driver Size	Inch	8 in	
Driver Mass	Kg	1.84						

Frequency and Impedance Response

