

Model No.: P22WO03-08  
 Product Line: Tymphany

Rev: 1  
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## 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	β	(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

