

Model No.: H25TG05-08  
 Product Line: Tymphany

Rev: 1  
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## Product Description

This H family tweeter features an 1Inch 80hm voice coil, a treated silk dome, large rear chamber for low resonant frequency, and a ferrofluid-cooled motor. The large motor and rear chamber allow for robust power handling capacity. The tweeter comes with a faceplate with recessed mounting holes, for easy installation into the desired application. The faceplate has a horn geometry for increased sensitivity.



## Mechanical Drawing



## Specifications

DC Resistance	Revc	Ohms	6.66	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	7.96	7.5%	Moving Mass	Mms	g	0.4
Voice Coil Inductance	Le	mH	0.02		Suspension Compliance	Cms	um/N	22.9
Resonant Frequency	Fs	Hz	1750.51	15%	Effective Cone diameter	D	cm	2.58
Mechanical Q Factor	Qms		3.57		Effective Piston Area	Sd	cm^2	5.2
Electrical Q Factor	Qes		3.08		Effective Volume	Vas	L	0
Total Q Factor	Qts		1.65		Motor Force Factor	BL	Tm	2.93
Ratio Fs/Qts	F	Fs/Qts	1059.63		Motor Efficiency Factor	β	(T*M^2)/Ohms	1.3
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	97.98	+/- 1.0db	Voice coil former Material	VCfm		KSV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	98	+/- 1.0db	Voice coil inner diameter	VCd	mm	25.4
Gap Height	Gh	mm	3		Rated Noise Power	P	W	150
Maximum Linear Excursion	Xmax	mm	1		Test Spectrum Bandwidth	Na		
Ferrofluid Type	FF				Driver Size	Inch	25 mm	
Driver Mass	Kg		0.56					

## Frequency and Impedance Response

