

Model No.: DA32TX00-08
 Product Line: Tymphany

Rev: 1
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Product Description

This DA family tweeter features an 8 ohm 1.25 inch voice coil, with Corundum dome, large rear chamber for low resonant frequency, and a ferrite motor with heat sink. The large motor and rear chamber allow for robust power handling capacity. The protective grille can be removed for the highest possible performance, however the dome is very delicate so we recommend the grille is fitted in normal operation.



Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	6.78	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	8	7.5%	Moving Mass	Mms	g	0.5
Voice Coil Inductance	Le	mH	0.02		Suspension Compliance	Cms	um/N	142
Resonant Frequency	Fs	Hz	573.04	15%	Effective Cone diameter	D	cm	3.9
Mechanical Q Factor	Qms		2.43		Effective Piston Area	Sd	cm^2	12
Electrical Q Factor	Qes	0.72			Effective Volume	Vas	L	0.03
Total Q Factor	Qts	0.56			Motor Force Factor	BL	Tm	4.29
Ratio Fs/Qts	F	Fs/Qts	1023.29		Motor Efficiency Factor	β	(T*M^2)/Ohms	2.7
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	89.78	+/- 1.0db	Voice coil former Material	VCfm		AL
Half Space Sensitivity @1W/1M	db@1W/1M	dB	89.8	+/- 1.0db	Voice coil inner diameter	VCd	mm	32.45
Gap Height	Gh	mm	4.5		Rated Noise Power	P	W	120
Maximum Linear Excursion	Xmax	mm	1		Test Spectrum Bandwidth		2K-20KHz	
Ferrofluid Type	FF	N/A			Driver Size	Inch	32 mm	
Driver Mass	Kg	1.6						

Frequency and Impedance Response

