

Model No.: DA25BG08-08
 Product Line: Tymphany

Rev: 1
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Product Description

This D family tweeter features an 8 ohm 1 inch voice coil, a treated Al dome, large rear chamber for low resonant frequency, and a ferrofluid-cooled ferrite 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.



Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	6.72	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	8.6	7.5%	Moving Mass	Mms	g	0.3
Voice Coil Inductance	Le	mH	0.01		Suspension Compliance	Cms	um/N	128.9
Resonant Frequency	Fs	Hz	795.4	15%	Effective Cone diameter	D	cm	2.91
Mechanical Q Factor	Qms		1.89		Effective Piston Area	Sd	cm^2	6.7
Electrical Q Factor	Qes	1.09			Effective Volume	Vas	L	0.01
Total Q Factor	Qts	0.69			Motor Force Factor	BL	Tm	3.1
Ratio Fs/Qts	F	Fs/Qts	1151.09		Motor Efficiency Factor	β	(T*M^2)/Ohms	1.4
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	91.86	+/- 1.0db	Voice coil former Material	VCfm		ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	92.2	+/- 1.0db	Voice coil inner diameter	VCd	mm	25.4
Gap Height	Gh	mm	3		Rated Noise Power	P	W	100
Maximum Linear Excursion	Xmax	mm	0.7		Test Spectrum Bandwidth		2K-20K	
Ferrofluid Type	FF		APG027n		Driver Size	Inch	1 in	
Driver Mass	Kg	0.68						

Frequency and Impedance Response

