

Model No.: DA25BG08-04

Product Line: Tymphany

Rev: 1

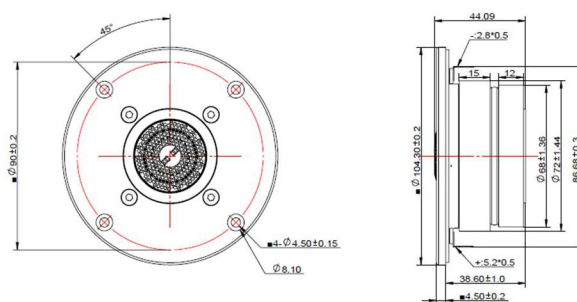
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Product Description

This D family tweeter features an 4 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.



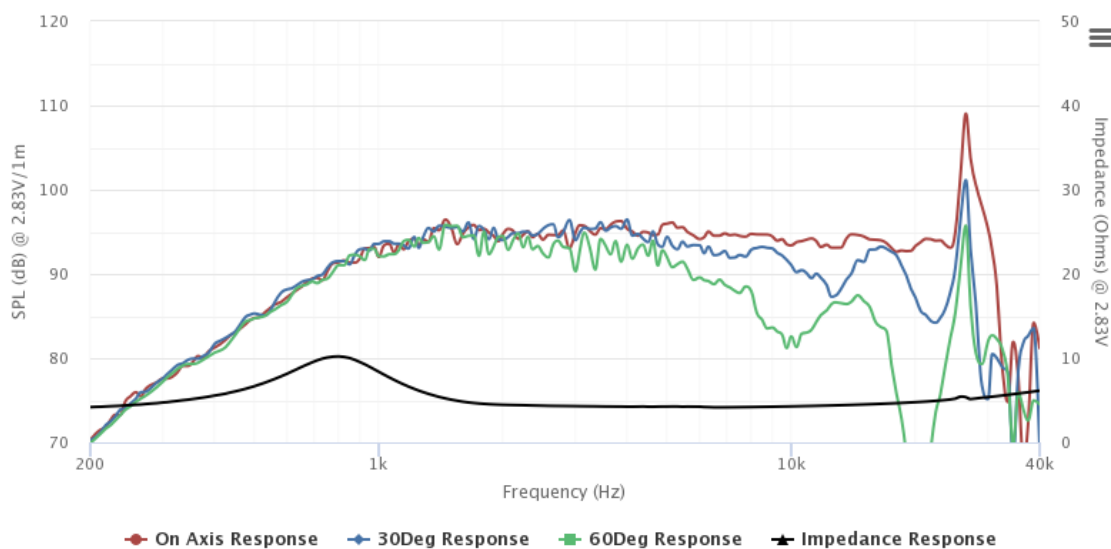
Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	3.1	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	4.16	7.5%	Moving Mass	Mms	g	0.3
Voice Coil Inductance	Le	mH	0.01		Suspension Compliance	Cms	um/N	137.5
Resonant Frequency	Fs	Hz	770.18	15%	Effective Cone diameter	D	cm	2.91
Mechanical Q Factor	Qms		1.88		Effective Piston Area	Sd	cm^2	6.7
Electrical Q Factor	Qes	0.82			Effective Volume	Vas	L	0.01
Total Q Factor	Qts	0.57			Motor Force Factor	BL	Tm	2.38
Ratio Fs/Qts	F	Fs/Qts	1348.83		Motor Efficiency Factor	β	(T*M^2)/Ohms	1.8
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	94.71	+/- 1.0db	Voice coil former Material	VCfm		ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	91.9	+/- 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



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