

Model No:: DA25BG08-06

Product Line: Tymphany

Rev: 1

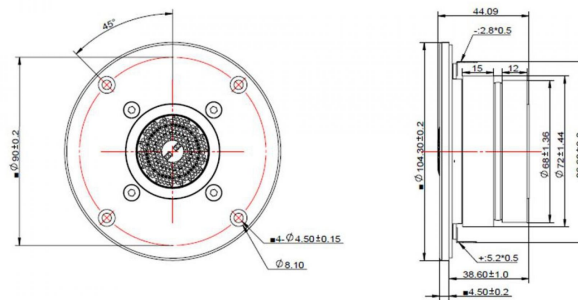
Last Update: 2017-04-25 21:32:09

Product Description

This D family tweeter features an 6 ohm 25 mm 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.



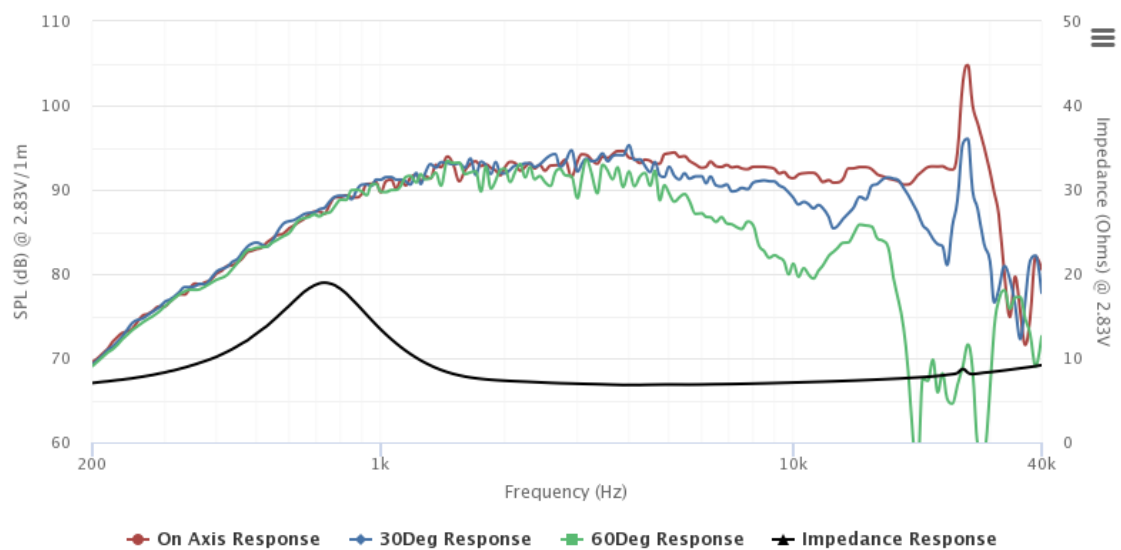
Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	5.2	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	6.82	7.5%	Moving Mass	Mms	g	0.3
Voice Coil Inductance	Le	mH	0.02		Suspension Compliance	Cms	um/N	157.3
Resonant Frequency	Fs	Hz	721	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	0.7			Effective Volume	Vas	L	0.01
Total Q Factor	Qts		0.51		Motor Force Factor	BL	Tm	3.23
Ratio Fs/Qts	F	Fs/Qts	1416.5		Motor Efficiency Factor	β	(T*M^2)/Ohms	2
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	94.17	+/- 1.0db	Voice coil former Material	VCfm		ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	93.5	+/- 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	0.5		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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