

Model No: DA25BG08-08  
 Product Line: Tymphany

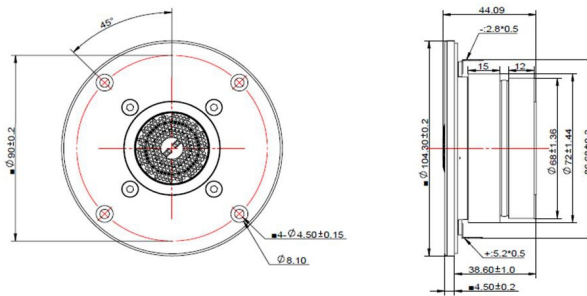
Rev: 1.0  
 Last Update: 2015-10-15 02:43:50

## 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.



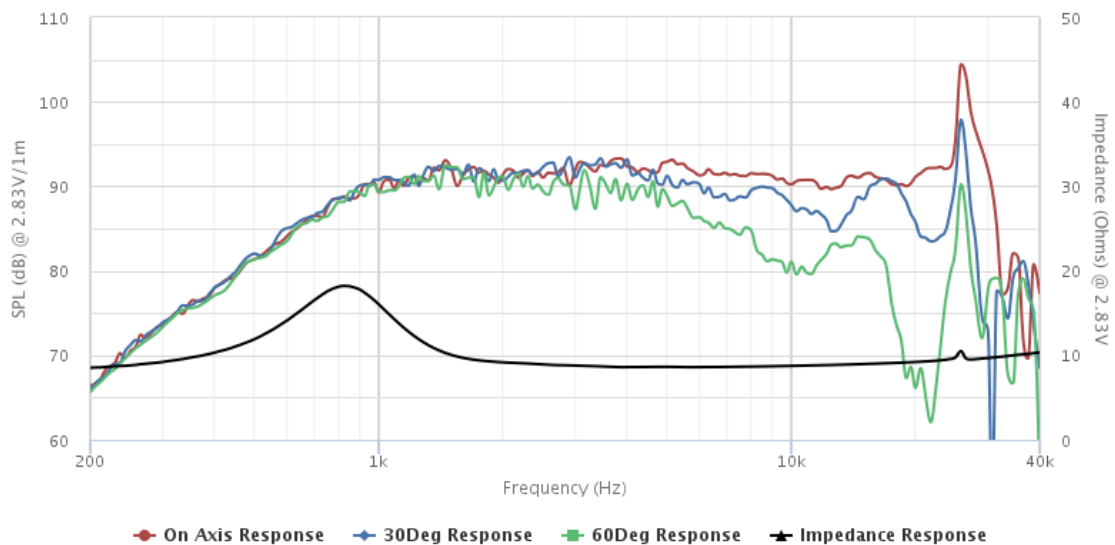
## Mechanical Drawing



## 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
Voice Coil Inductance	Le	mH	0.01		Suspension Compliance	Cms	um/N
Resonant Frequency	Fs	Hz	795.4	15%	Effective Cone diameter	D	cm
Mechanical Q Factor	Qms		1.89		Effective Piston Area	Sd	cm <sup>2</sup>
Electrical Q Factor	Qes		1.09		Effective Volume	Vas	L
Total Q Factor	Qts		0.69		Motor Force Factor	BL	Tm
Ratio Fs/Qts	F	Fs/Qts	1151.09		Motor Efficiency Factor	$\beta$	(T <sup>2</sup> M <sup>2</sup> )/Ohms
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
Gap Height	Gh	mm	3		Rated Noise Power	P	W
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



Highcharts.com