

Model No: DA25BG08-04
 Product Line: Tymphany

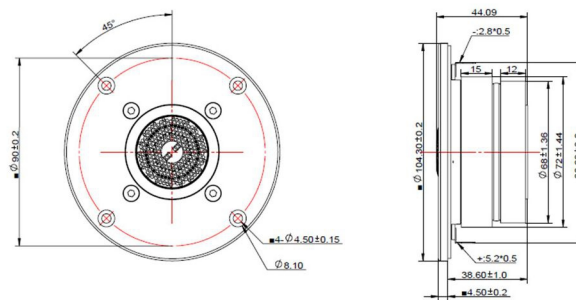
Rev: 1
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Product Description

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.



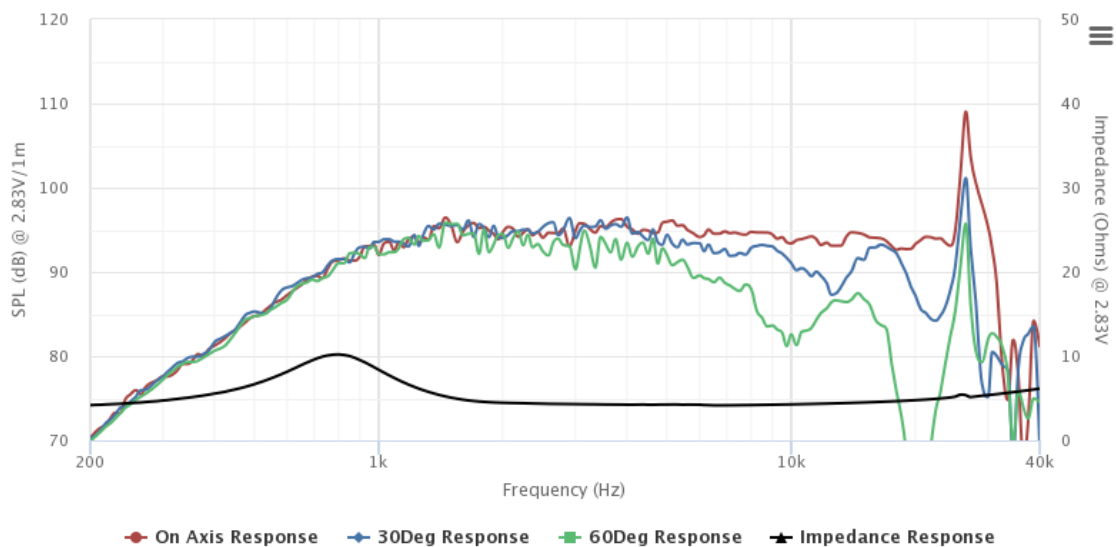
Mechanical Drawing



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
Voice Coil Inductance	Le	mH	0.01		Suspension Compliance	Cms	um/N
Resonant Frequency	Fs	Hz	770.18	15%	Effective Cone diameter	D	cm
Mechanical Q Factor	Qms		1.88		Effective Piston Area	Sd	cm ²
Electrical Q Factor	Qes		0.82		Effective Volume	Vas	L
Total Q Factor	Qts		0.57		Motor Force Factor	BL	Tm
Ratio Fs/Qts	F	Fs/Qts	1348.83		Motor Efficiency Factor	β	(T ² M ²)/Ohms
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
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



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