

Model No: OC25SC65-04
Product Line: Tymphany Silver

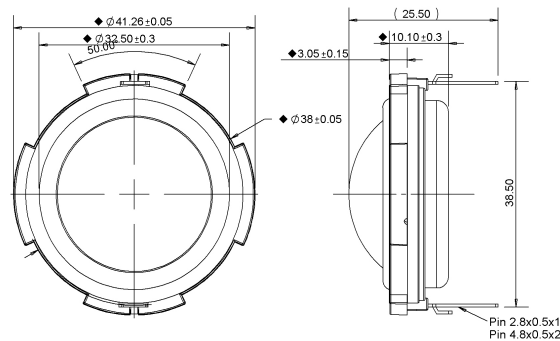
Rev 1
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Product Description

This OC family tweeter features a 25 mm 4 ohm voice coil, a damped fabric dome for smooth frequency response performance, and ferrofluid in the gap of the neodymium magnet motor, providing enhanced cooling of the voice coil. The tweeter comes with a twist-lock mating feature, to allow for easy installation into custom faceplates.



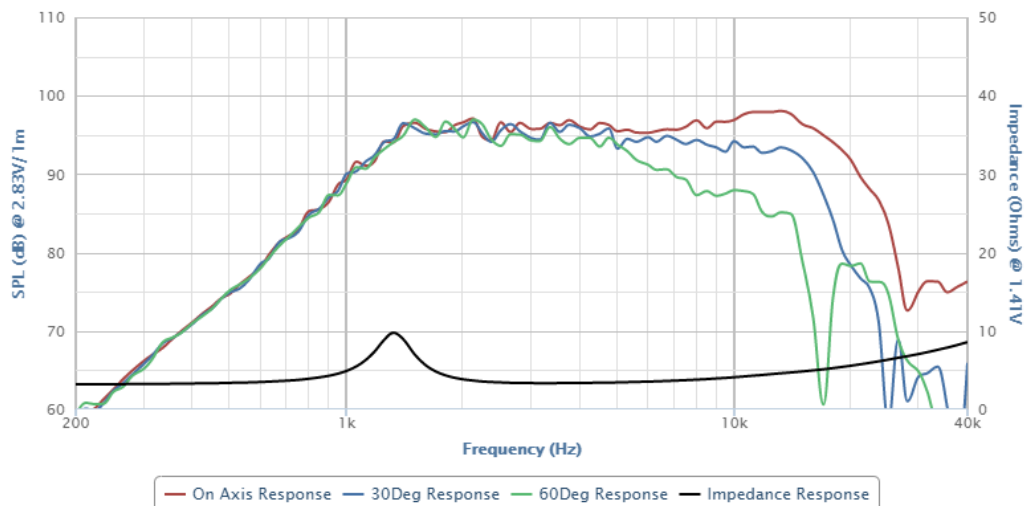
Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	3	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	754.49
Minimum Impedance	Zmin	Ohms	3.35	7.5%	Moving Mass	Mms	g	0.31
Voice Coil Inductance	Le	mH	0.02		Suspension Compliance	Cms	um/N	42.72
Resonant Frequency	Fs	Hz	1382.22	15%	Effective Cone diameter	D	cm	2.97
Mechanical Q Factor	Qms		4.07		Effective Piston Area	Sd	cm^2	6.94
Electrical Q Factor	Qes		1.83		Effective Volume	Vas	L	0
Total Q Factor	Qts		1.26		Motor Force Factor	BL	Tm	2.1
Ratio Fs/Qts	F	Fs/Qts	1093.53		Motor Efficiency Factor	β	(T*M^2)/Ohms	1.47
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	96.23	+/- 1.0db	Voice coil former Material	VCfm		ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	92.45	+/- 1.0db	Voice coil inner diameter	VCd	mm	25.4
Gap Height	Gh	mm	2		Rated Noise Power	P	W	25
Maximum Linear Excursion	Xmax	mm			Test Spectrum Bandwidth	1.3kHz - 20kHz		
Ferrofluid Type	FF				Transducer Size	mm	25	
Transducer Mass	Kg	0.05						

Frequency and Impedance Response



Highcharts.com