

Model No: OC16SC00-04  
Product Line: Tymphany

Rev: 1  
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### Product Description

This OC family tweeter features a 16 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 tweeters butterfly comes with 2 mounting holes. The product is designed to fit snugly into small applications, while providing excellent dynamic sound quality.



### Specifications

DC Resistance	Revc	Ohms	3.89	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs
Minimum Impedance	Zmin	Ohms	4.33	7.5%	Moving Mass	Mms	g
Voice Coil Inductance	Le	mH	0.02		Suspension Compliance	Cms	um/N
Resonant Frequency	Fs	Hz	2082.09	15%	Effective Cone diameter	D	cm
Mechanical Q Factor	Qms		2.66		Effective Piston Area	Sd	cm^2
Electrical Q Factor	Qes	4.08			Effective Volume	Vas	L
Total Q Factor	Qts	1.61			Motor Force Factor	BL	Tm
Ratio Fs/Qts	F	Fs/Qts	1294.83		Motor Efficiency Factor	β	(T*M^2)/Ohms
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	85.45	+/- 1.0db	Voice coil former Material	VCfm	ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	82.8	+/- 1.0db	Voice coil inner diameter	VCd	mm
Gap Height	Gh	mm	2		Rated Noise Power	P	W
Maximum Linear Excursion	Xmax	mm	0		Test Spectrum Bandwidth		2.5K-20K
Ferrofluid Type	FF		APG O27N		Driver Size	Inch	16 mm
Driver Mass	Kg	0.02					

### Frequency and Impedance Response

