

Model No: OC16SC04-04 Product Line: Tymphany

## **Product Description**

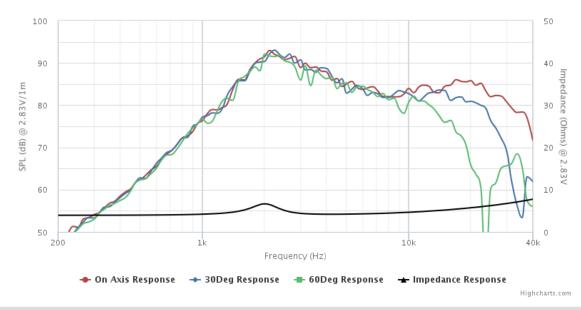
This OC family tweeter features a 16 mm 4 ohm voice coil, a damped fabric dome for smooth frequency response performance, and ferrofluid in the gap of the neodymium magnet motor, providing enhanced cooling of the voice coil. The tweeters butterfly comes with 2 mounting holes and with 2 pin terminals. The product is designed to fit snugly into small applications, while providing excellent dynamic sound quality.

## **Specifications**

Revc	Ohms	3.93	5.0%	I
Zmin	Ohms	4.18	7.5%	Ī
Le	mH	0.02		;
Fs	Hz	2152.63	15%	I
Qms		2.94		I
Qes	4.19			I
Qts		1.73		l
F	Fs/Qts	1245.73		l
db@2.83V/1M	dB	86.53	+/- 1.0db	1
db@1W/1M	dB	83.7	+/- 1.0db	1
Gh	mm	2		I
Xmax	mm	0		1
FF		APG O27N		ľ
Kg	0.02			
	Zmin Le Fs Qms Qes Qts F db@2.83V/1M db@1W/1M Gh Xmax FF	Zmin  Ohms    Le  mH    Fs  Hz    Qms  4.19    Qts  5    F  Fs/Qts    db@2.83V/1M  dB    db@1W/1M  dB    Gh  mm    Xmax  mm    FF  Ff	Zmin  Ohms  4.18    Le  mH  0.02    Fs  Hz  2152.63    Qms  2.94    Qes  4.19    Qts  1.73    F  Fs/Qts  1245.73    db@2.83V/1M  dB  86.53    db@1W/1M  dB  83.7    Gh  mm  2    Xmax  mm  0    FF  APG 027N	Zmin  Ohms  4.18  7.5%    Le  mH  0.02  Fs    Fs  Hz  2152.63  15%    Qms  2.94  Qes  4.19    Qes  4.19

	Energy Bandwidth Product	EBP	(1/Qes)*fs	
	Moving Mass	Mms	g	0.2
	Suspension Compliance	Cms	um/N	26.9
	Effective Cone diameter	D	cm	
	Effective Piston Area	Sd	cm^2	3.1
	Effective Volume	Vas	L	0
	Motor Force Factor	BL	Tm	1.61
	Motor Efficiency Factor	ß	(T*M^2)/Ohms	0.7
db	Voice coil former Material	VCfm		ASV
db	Voice coil inner diameter	VCd	mm	16.36
	Rated Noise Power	P	W	100
	Test Spectrum Bandwidth	2.5K-20K Hz		
	Transducer Size	Inch	16 mm	

## **Frequency and Impedance Response**



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## **Transducer Specification Sheet**

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