

Model No.: OX20SC02-04

Rev: 1

Product Line: Tymphany

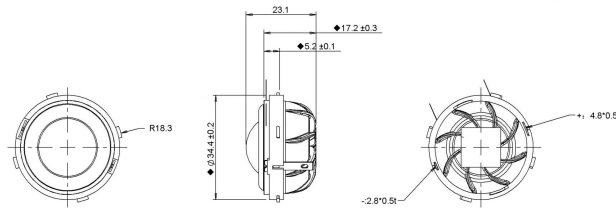
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Product Description

This OX family tweeter features a 19 mm 4 ohm voice coil, a damped silk diaphragm with large surround roll, a neodymium magnet motor to produce a compact motor, and a plastic rear chamber to provide a lower resonant frequency. The product is designed to fit snugly into small applications, while providing excellent dynamic sound quality.



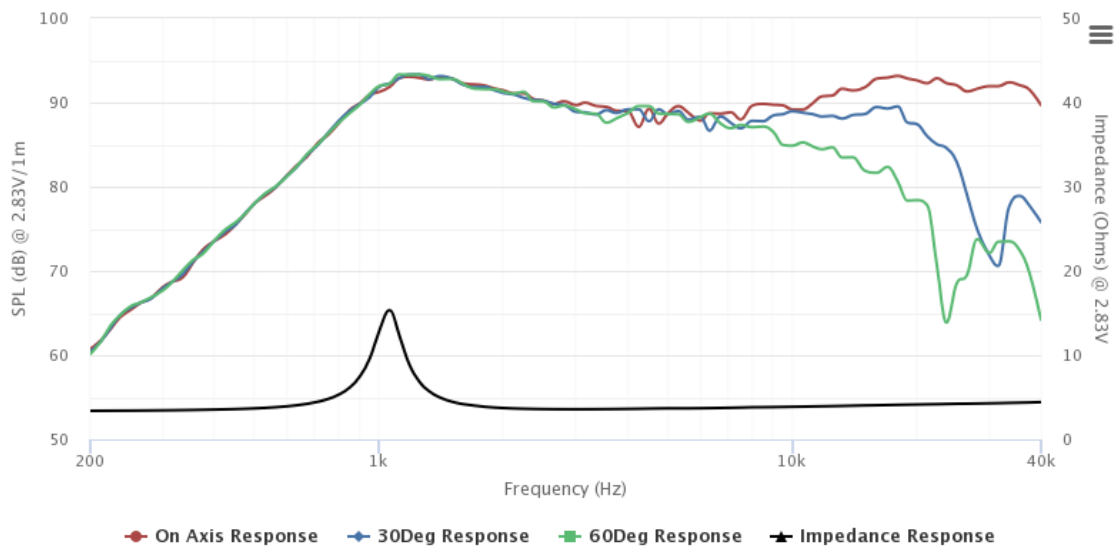
Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	3.09	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs
Minimum Impedance	Zmin	Ohms	3.58	7.5%	Moving Mass	Mms	g
Voice Coil Inductance	Le	mH	0.01		Suspension Compliance	Cms	um/N
Resonant Frequency	Fs	Hz	1084.63	15%	Effective Cone diameter	D	cm
Mechanical Q Factor	Qms		10.09		Effective Piston Area	Sd	cm ²
Electrical Q Factor	Qes		1.76		Effective Volume	Vas	L
Total Q Factor	Qts		1.5		Motor Force Factor	BL	Tm
Ratio Fs/Qts	F	Fs/Qts	723.57		Motor Efficiency Factor	β	(T*M ²)/Ohms
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	89.85	+/- 1.0db	Voice coil former Material	VCfm	ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	86.3	+/- 1.0db	Voice coil inner diameter	VCd	mm
Gap Height	Gh	mm	1.6		Rated Noise Power	P	W
Maximum Linear Excursion	Xmax	mm	0.2		Test Spectrum Bandwidth		2.5KHz-20KHz
Ferrofluid Type	FF				Driver Size	Inch	19 mm
Driver Mass	Kg		0.04				

Frequency and Impedance Response



Highcharts.com