## **Driver Specification Sheet**



Model No: BC25SC15-04 Rev: 1.0

Product Line: Tymphany Last Update: 2017-04-24 21:53:42

## **Product Description**

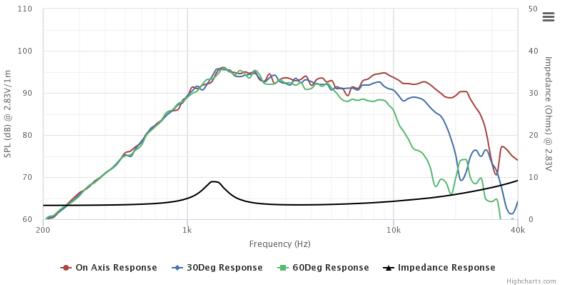
The BC family of tweeters features a damped fabric dome for smooth frequency response performance and ferrofluid in thegap of the NdFeB magnet motor, providing enhanced cooling of the voice coil. BC tweeters come with a compact faceplate with recessed mounting holes, complete with sealing gasket which helps reduce vibration between baffle and driver.



## **Specifications**

DC Resistance	Revc	Ohms	2.92	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	3.41	7.5%	Moving Mass	Mms	g	0.4
Voice Coil Inductance	Le	mH	0.02		Suspension Compliance	Cms	um/N	33.2
Resonant Frequency	Fs	Hz	1455.04	15%	Effective Cone diameter	D	cm	2.9
Mechanical Q Factor	Qms		2.76		Effective Piston Area	Sd	cm^2	6.6
Electrical Q Factor	Qes	1.89			Effective Volume	Vas	L	0
Total Q Factor	Qts		1.12		Motor Force Factor	BL	Tm	2.26
Ratio Fs/Qts	F	Fs/Qts	1297.98		Motor Efficiency Factor	ß	(T*M^2)/Ohms	1.7
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	93.04	+/- 1.0db	Voice coil former Material	VCfm		ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	89.3	+/- 1.0db	Voice coil inner diameter	VCd	mm	25.4
Gap Height	Gh	mm	2		Rated Noise Power	Р	W	100
Maximum Linear Excursion	Xmax	mm	0		Test Spectrum Bandwidth	2.5kHz - 20kHz		
Ferrofluid Type	FF		APG O27n		Driver Size	Inch	25 mm	
Driver Mass	Kg	0.07						

## **Frequency and Impedance Response**



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Tymphany HK LTD Address : Room 1307-8 Dominion Centre, 43-59 Queens Rd East, Wanchai, Hong Kong E-mail: sales@tymphany.com