

Tweeter

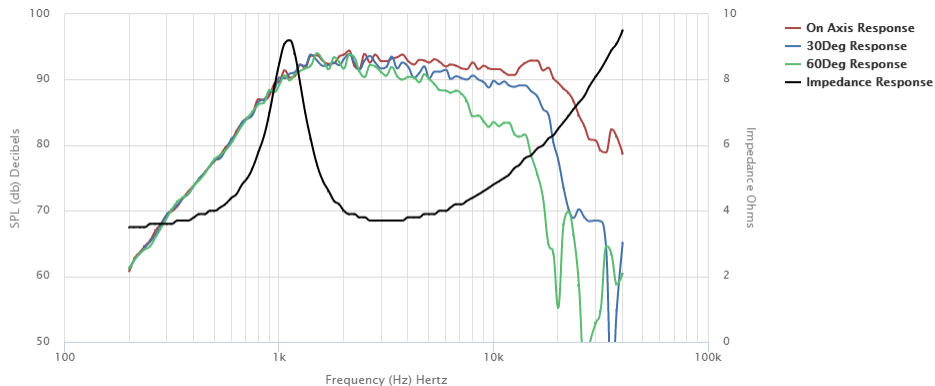
The BC family of tweeters features a damped fabric dome for smooth frequency response performance and ferrofluid in the gap of the ferrite magnet motor, providing enhanced cooling of the voice coil. BC tweeters come with a compact faceplate with recessed mounting holes, complete with sealing gasket which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



BC25TG15-04

SPECIFICATIONS								
DC Resistance	Revc	Ω	2.99	$\pm 5.0\%$	Moving Mass	Mms	g	0.3
Minimum Impedance	Zmin	Ω	3.7	$\pm 7.5\%$	Suspension Compliance	Cms	um/N	64.5
Voice Coil Inductance	Le	mH	0.02	-	Effective Cone Diameter	D	cm	2.8
Resonant Frequency	fs	Hz	1128.01	15%	Effective Piston Area	Sd	cm ²	6.2
Mechanical Q Factor	Qms	-	2.54	-	Equivalent Volume	Vas	L	0
Electrical Q Factor	Qes	-	1.26	-	Motor Force Factor	BL	T•m	2.28
Total Q Factor	Qts	-	0.84	-	Motor Efficiency Factor	β	(T•m ²)/ Ω	1.7
Ratio	fs/Qts	-	1338.08	-	Voice Coil Former Material	VCfm	-	ASV
Half Space Sensitivity	dB@2.83V/1m	dB	93.21	± 1.01	Voice Coil Inner Diameter	VCd	mm	25.4
Sensitivity	1W/1m	dB	89.8	± 1.01	Gap Height	Gh	mm	3
Rated Noise Power (IEC 268-5 18.1)	P	W	50	-	Maximum Linear Excursion	Xmax	mm	0.6
Test Spectrum Bandwidth	1300 Hz - 20k Hz	12 dB/Oct	1.1kHz - 20kHz	-	Ferrofluid Type	FF	-	APG027
Energy Bandwidth Product	EBP	(1/Qes)•fs	896.11	-	Transducer Size	-	-	25 mm
				-	Transducer Mass	-	Kg	0.5

FREQUENCY & IMPEDANCE RESPONSE



MECHANICAL 2D DRAWING

