

Tweeter

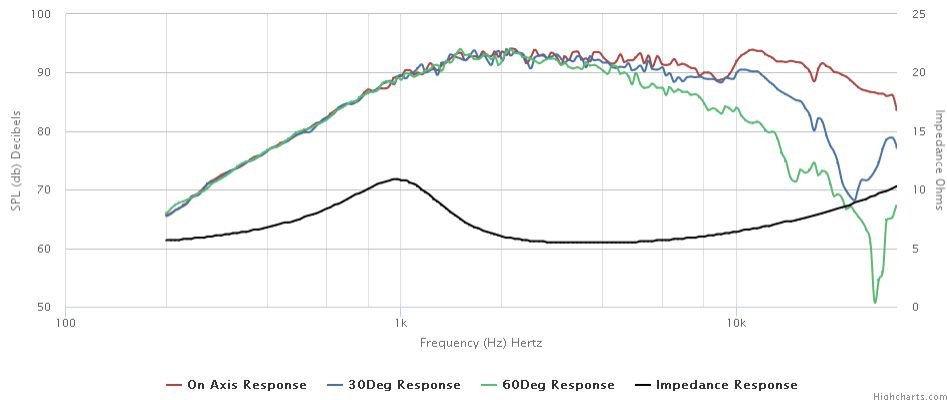
This D family tweeter features an 6 ohm 25 mm voice coil, a treated silk dome, large rear chamber for low resonant frequency, and a ferrofluid-cooled ferrite magnet motor. The large motor and rear chamber allow for robust power handling capacity. The tweeter comes with a faceplate with recessed mounting holes, for easy installation into the desired application.



D27TG35-06

SPECIFICATIONS								
DC Resistance	Revc	Ω	4.89	±5.0%	Moving Mass	Mms	g	0.2
Minimum Impedance	Zmin	Ω	5.49	±7.5%	Suspension Compliance	Cms	um/N	138
Voice Coil Inductance	Le	mH	0.04	-	Effective Cone Diameter	D	cm	3
Resonant Frequency	fs	Hz	911.7	15%	Effective Piston Area	Sd	cm ²	7.1
Mechanical Q Factor	Qms	-	1.21	-	Equivalent Volume	Vas	L	0.01
Electrical Q Factor	Qes	-	1.01	-	Motor Force Factor	BL	T•m	2.48
Total Q Factor	Qts	-	0.55	-	Motor Efficiency Factor	β	(T•m ²)/Ω	1.3
Ratio	fs/Qts	-	1657.64	-	Voice Coil Former Material	VCfm	-	ASV
Half Space Sensitivity	dB@2.83V/1m	dB	92.77	±1.01	Voice Coil Inner Diameter	VCd	mm	25.79
Sensitivity	1W/1m	dB	91.1	±1.01	Gap Height	Gh	mm	2.5
Rated Noise Power (IEC 268-5 18.1)	P	W	100	-	Maximum Linear Excursion	Xmax	mm	0.5
Test Spectrum Bandwidth	1300 Hz - 20k Hz	12 dB/Oct	2.5KHz - 20kHz	-	Ferrofluid Type	FF	-	APGL11
Energy Bandwidth Product	EBP	(1/Qes)•fs	-	-	Transducer Size	-	-	25 mm
					Transducer Mass	-	Kg	0.52

FREQUENCY & IMPEDANCE RESPONSE



MECHANICAL 2D DRAWING

