



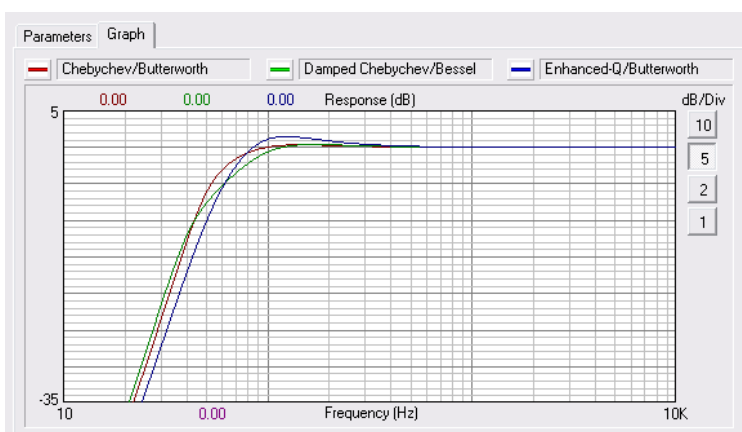
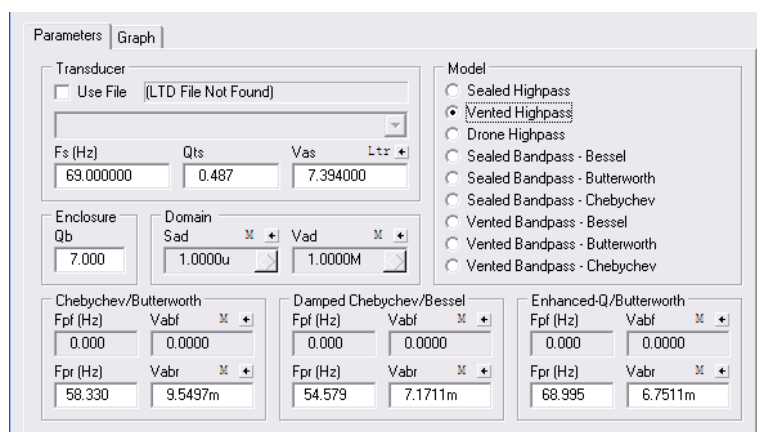
Model Number: JM-FL149-01-04

Spec: 149mm 4Ω 20W

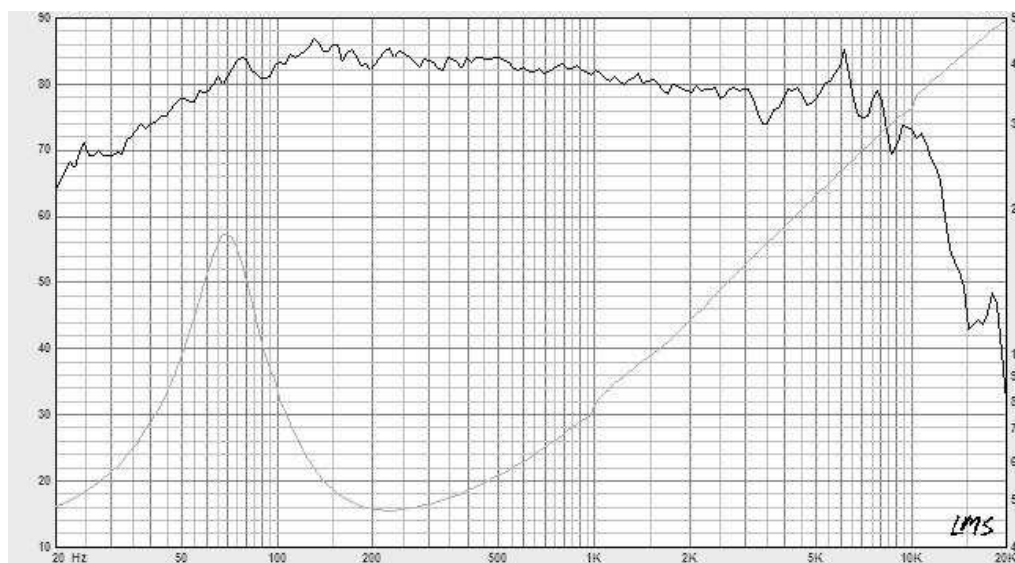
这是一款应用于家庭影院系统、背景音乐系统、多媒体音响系统、公共广播系统等扬声器。磁路部分采用铁氧体磁路材料相结合设计，增强了磁通密度，提高产品声压特性，并改善了产品散热能力，同时大大提升了产品性价比。振动系统采用较轻的高耐疲劳度材质悬边+进口纸浆胴体，优化听觉效果，弹波采用高顺性材质，有效的降低失真，改善低频辅射特性。



LEAP Emulational Frequency Response



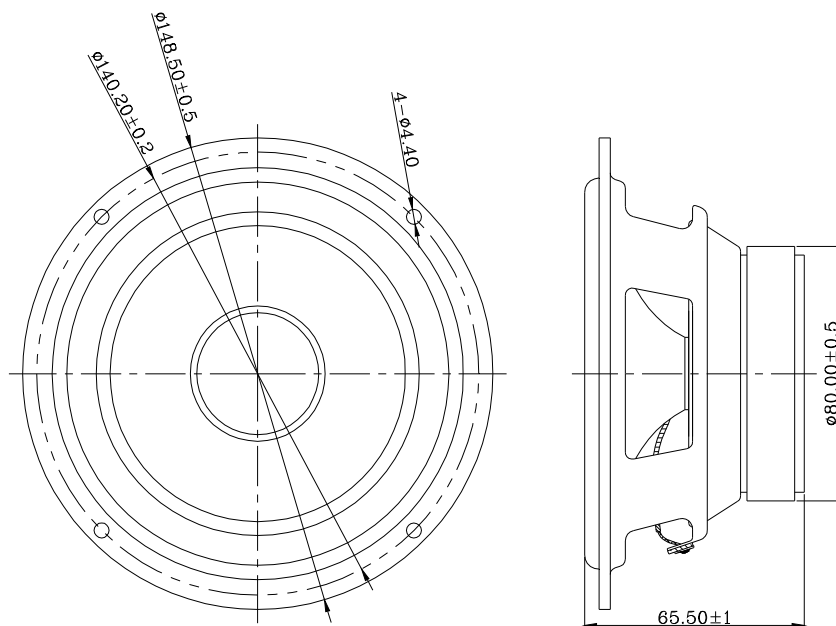
Frequency and impedance Response



specifications

DC Resistance	Revc	Ω	3.6	$\pm 7.5\%$	Energy Bandwidth product	EBP	(1/Qes).fs	109
Minimum impedance	Zmin	Ω	4	$\pm 7.5\%$	Moving Mass	Mms	g	9.161
Voice Coil inductance	Le	mH	52.3		Suspension Compliance	Cms	um/N	576
Resonant Frequency	Fs	Hz	69.2	$\pm 20\%$	Effective Cone Diameter	SD	cm	95.03
Mechanical Q factor	Qms	-	2.136		Equivalent Volume	Vas	mL	7.394
Electrical Q factor	Qes	-	0.631		Motor Efficiency Factor	BL	T.M	4.767
Total Q facto	Qts	-	0.487		Voice Coil Former Material	VCfm	-	25.5
Ratio	Fs/Qts	-	141		Voice Coil Inner Diameter	VCd	mm	ASV
Half Space Sensitivity @	1w/1m	dB	87.8 $\pm$ 2		Gap Height	Gh	mm	3
rated Noise Power(IEC 2685 18.1)	P	W	20		Maximum Linear Excursion	Xmax	mm	2
Test Spectrum Bandwidth	FO-20KHz		12dB/Oct		Ferrofluid Type	FF	N/A	Ferrite
					Transducer Size	-	-	149
			Transducer Mass	-	g			697

Mechanical 2D Drawing



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