



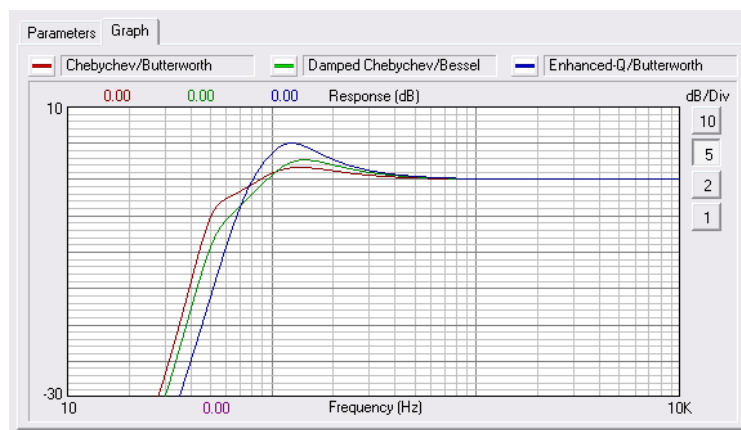
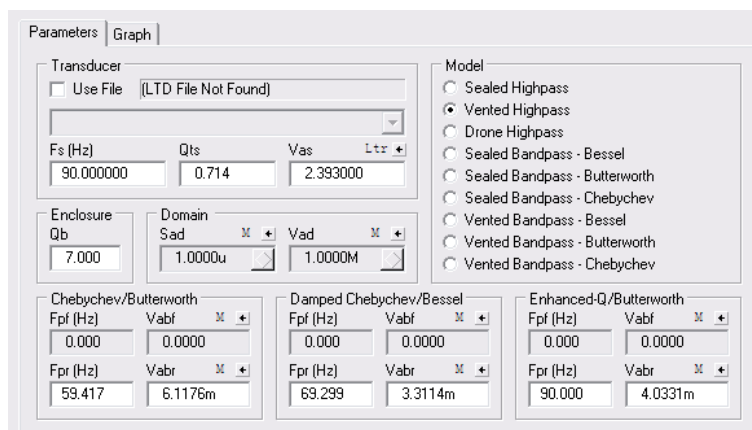
Model Number: JM-FL115-02-12

Spec: 115mm 12Ω 15W

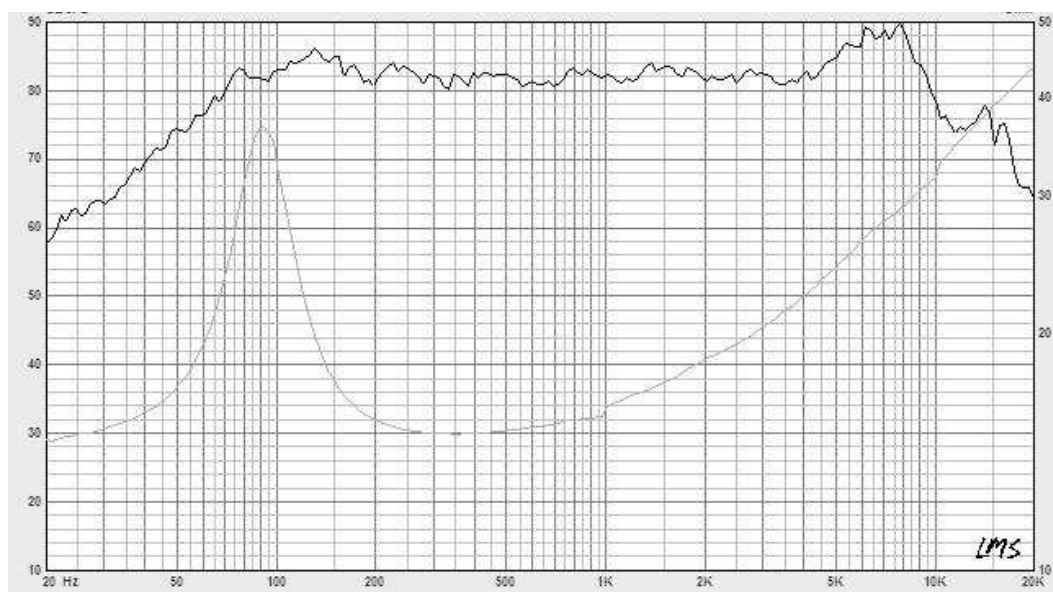
这是一款应用于家庭影院系统、背景音乐系统、多媒体音响系统、公共广播系统等扬声器。磁路部分采用铁氧体磁路材料相结合设计，增强了磁通密度，提高产品声压特性，并改善了产品散热能力，同时大大提升了产品性价比。振动系统采用较轻的高耐疲劳度材质悬边+进口纸浆胴体，优化听觉效果，弹波采用高顺性材质，有效的降低失真，改善低频辅射特性。



LEAP Emulational Frequency Response



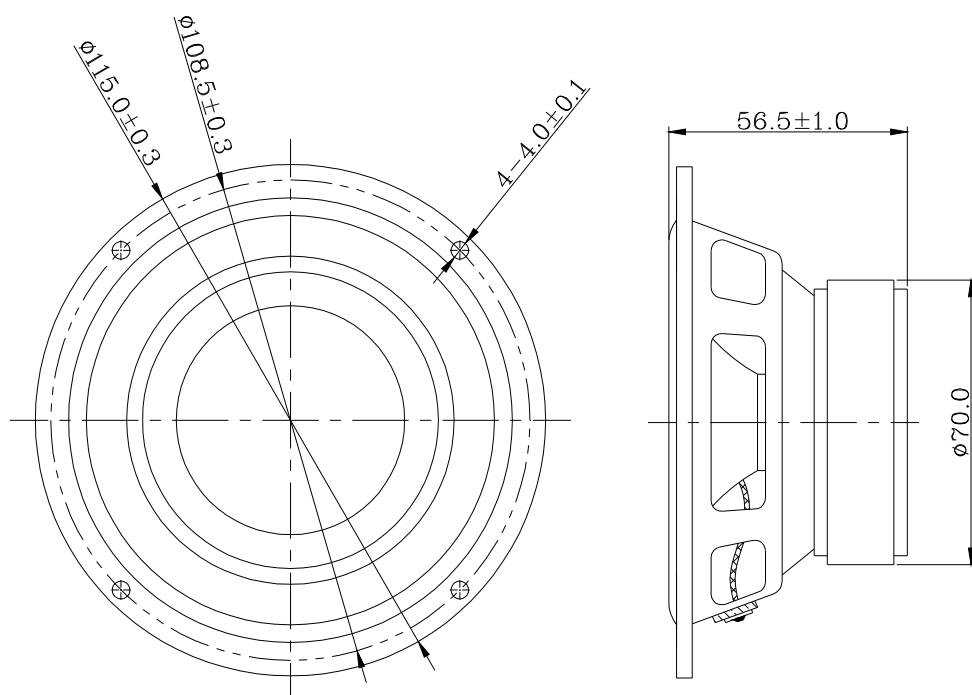
Frequency and impedance Response



specifications

DC Resistance	Revc	Ω	11.2	$\pm 7.5\%$	Energy Bandwidth product	EBP	$(1/Q_{es}).f_s$	79.5
Minimum impedance	Zmin	Ω	12	$\pm 7.5\%$	Moving Mass	Mms	g	5.09
Voice Coil inductance	Le	mH	48.54		Suspension Compliance	Cms	um/N	604
Resonant Frequency	Fs	Hz	90	$\pm 20\%$	Effective Cone Diameter	SD	cm	52.81
Mechanical Q factor	Qms	-	1.936		Equivalent Volume	Vas	mL	2.393
Electrical Q factor	Qes	-	1.132		Motor Efficiency Factor	BL	T.M	5.358
Total Q facto	Qts	-	0.714		Voice Coil Former Material	VCfm	-	20.5
Ratio	Fs/Qts	-	126		Voice Coil Inner Diameter	VCd	mm	Kapton
Half Space Sensitivity @	1w/1m	dB	83.9 $\pm$ 2		Gap Height	Gh	mm	4
rated Noise Power(IEC 2685 18.1)	P	W	15		Maximum Linear Excursion	Xmax	mm	1.5
Test Spectrum Bandwidth	FO-20KHz		12dB/Oct		Ferrofluid Type	FF	N/A	Ferrite
					Transducer Size	-	-	115*115
					Transducer Mass	-	g	488

Mechanical 2D Drawing



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