Jensen Loudspeakers

12"- 110W Mod Series Guitar Loudspeaker

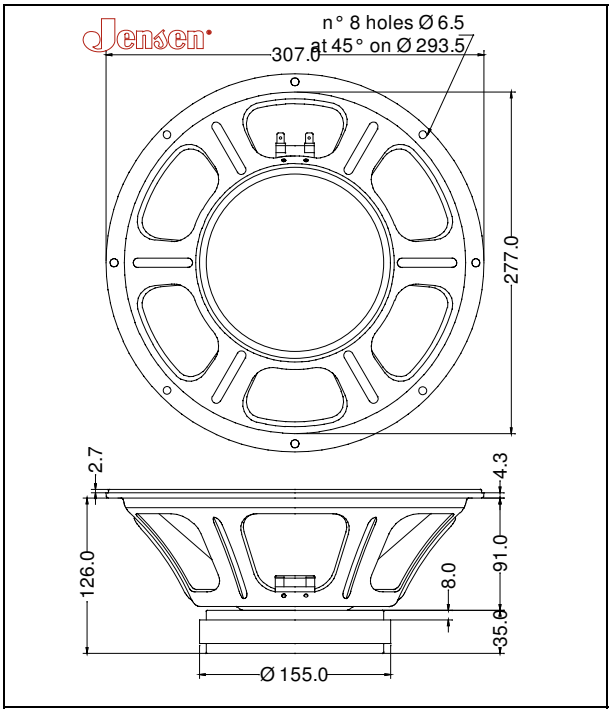
Mod 12-110 - 8Ω / 16Ω

GENERAL CHARACTERISTICS		
Nominal Overall Diameter	307 mm	12 in
Nominal Voice Coil Diameter	50 mm	2 in
Magnet Weight	1450 g	50 oz
Overall Weight		9.55 lbs
Flux Density		1.25 T

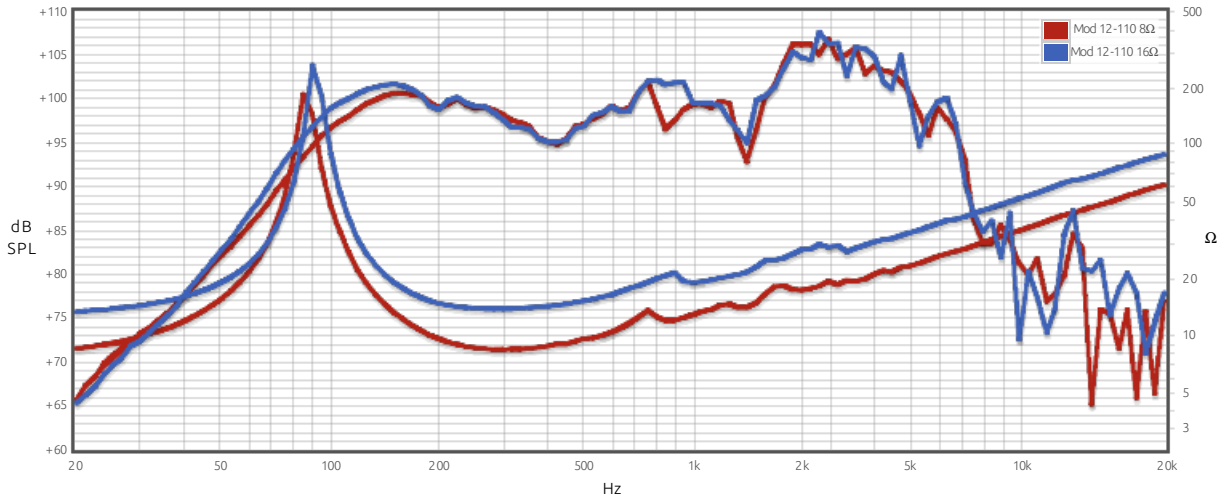
THIELE-SMALL PARAMETERS		8 Ω	16 Ω	
Voice Coil DC Resistance	R_E	7.12	11.94	Ω
Resonance Frequency	f_S	85.6	92.2	Hz
Mechanical Q Factor	Q_{MS}	14.23	19.95	
Electrical Q Factor	Q_{ES}	0.51	0.76	
Total Q Factor	Q_{TS}	0.49	0.73	
Mechanical Moving Mass	M_{MS}	30.5	32.0	g
Mechanical Compliance	C_{MS}	114	93	µm/N
Force Factor	BxL	15.16	17.09	Wb/m
Equivalent Acoustic Volume	V_{AS}	38.4	31.6	lt.
Maximum Linear Displacement	X_{MAX}	1.0	2.0	mm
Reference Efficiency	n_O	4.56	3.14	%
Diaphragm Area	S_D	490.8	490.9	cm^2
Losses Electrical Resistance	R_{ES}	199.6	314.6	Ω
Voice Coil Inductance @ 1kHz	L_E	0.99	1.00	mH

CONSTRUCTIVE CHARACTERISTICS	
Magnet	Ferrite
Voice Coil Winding	Copper
Voice Coil Former	Nomex
Cone	Paper
Surround	Integrated Paper
Dust Dome	Non-treated Cloth
Basket	Pressed Sheet Steel

ELECTRICAL CHARACTERISTICS	8 Ω	16 Ω	
Nominal Impedance	8	16	Ω
Rated Power	110	110	W
Musical Power	220	220	W
Sensitivity@1W,1m	99.1	98.2	dB



Frequency Response on IEC Baffle (DIN 45575) @ 1 W, 1 m - Free Air Impedance



Due to continuing product improvement, the features and the design are subject to change without notice.