Jensen loudspeakers

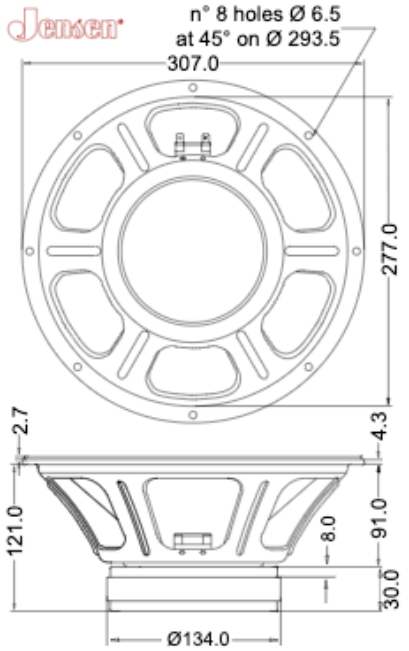
12" - 50 W Vintage Ceramic Loudspeaker
C12N - 4Ω / 8Ω / 16Ω

General Characteristics		
Nominal Overall Diameter	307 mm	12 in
Nominal Voice Coil Diameter	38 mm	1.5 in
Magnet Weight	810 g	29 oz
Overall Weight	3.3 kg	7.28 lbs
Flux Density		1.15 T
Voice Coil Winding Depth	10 mm	0.39 in
Magnetic Gap Depth	8 mm	0.31 in

Thiele-Small Parameters		4Ω	8Ω	16Ω	
Voice Coil DC Resistance	R_E	6.5	6.05	12.5	Ω
Resonance Frequency	f_S	113.3	113	110	Hz
Mechanical Q Factor	Q_{MS}	6.55	7.52	6.84	
Total Q Factor	Q_{TS}	0.82	1.02	1.06	
Mechanical Moving Mass	M_{MS}	29.4	29.9	25.6	g
Mechanical Compliance	C_{MS}	67	66	83	µm/N
Force Factor	BxL	8.6	10.46	13.35	Wb/m
Equivalent Acoustic Volume	V_{AS}	22.8	22.6	28	lt.
Maximum Linear Displacement	X_{MAX}	±1.5	±1	±1	mm
Reference Efficiency	n_O	3.4	3.48	2.8	%
Diaphragm Area	S_D	490.9	490.9	490.9	cm^2
Losses Electrical Resistance	R_{ES}	23.2	42.5	70	Ω
Voice Coil Inductance @ 1kHz	L_E	0.58	0.9	1.55	mH
Electrical Q Factor	Q_{ES}	0.94	1.18	1.25	

Constructive Characteristics		
Magnet		Ferrite
Voice Coil Winding		Copper
Voice Coil Former		Kapton
Cone Material		Paper
Surround Material		Integrated Paper
Dust Dome Material		Solid Paper
Basket Material		Pressed Sheet Steel
Surround Treatment		No

Electrical Characteristics		4Ω	8Ω	16Ω	
Nominal Impedance		4	8	16	Ω
Rated Power		50	50	50	W
Musical Power		100	100	100	W
Sensitivity@1W,1m		98.4	97.7	97.5	dB



Note: all dimensions are in mm.