Jensen loudspeakers

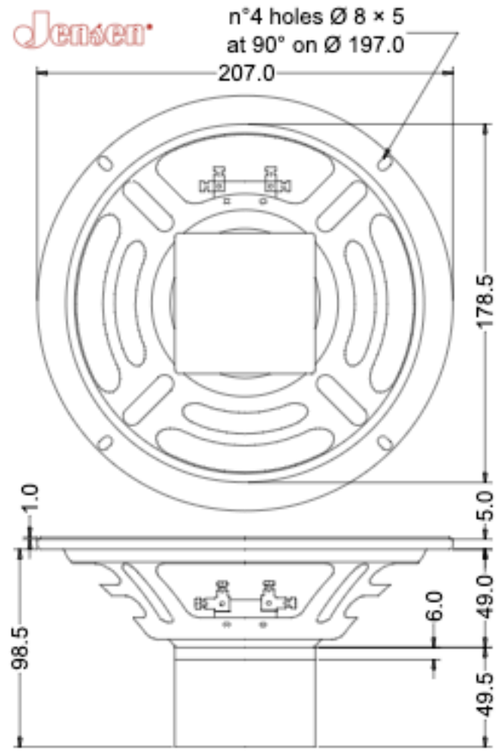
8" - 25 W Vintage Alnico Loudspeaker
P8R - 4Ω / 8Ω

General Characteristics		
Nominal Overall Diameter	207 mm	8 in
Nominal Voice Coil Diameter	25 mm	0.98 in
Magnet Weight	200 g	7 oz
Overall Weight	1.2 kg	2.65 lbs
Flux Density		0.96 T
Voice Coil Winding Depth	4 mm	0.16 in
Magnetic Gap Depth	6 mm	0.24 in

Thiele-Small Parameters		4Ω	8Ω	
Voice Coil DC Resistance	R_E	3	6.6	Ω
Resonance Frequency	f_S	129	135	Hz
Mechanical Q Factor	Q_{MS}	8.67	8.67	
Total Q Factor	Q_{TS}	1.43	2.28	
Mechanical Moving Mass	M_{MS}	9.3	8.8	g
Mechanical Compliance	C_{MS}	164	159	µm/N
Force Factor	BxL	3.72	3.99	Wb/m
Equivalent Acoustic Volume	V_{AS}	10.5	10.3	lt.
Maximum Linear Displacement	X_{MAX}	±1	±1	mm
Reference Efficiency	n_O	1.27	0.95	%
Diaphragm Area	S_D	213.8	213.8	cm^2
Losses Electrical Resistance	R_{ES}	16	27	Ω
Voice Coil Inductance @ 1kHz	L_E	0.21	0.36	mH
Electrical Q Factor	Q_{ES}	1.71	3.09	

Constructive Characteristics		
Magnet		Alnico
Voice Coil Winding		Copper
Voice Coil Former		Epotex
Cone Material		Paper
Surround Material		Integrated Paper
Dust Dome Material		Solid Paper
Basket Material		Pressed Sheet Steel
Surround Treatment		Yes

Electrical Characteristics		4Ω	8Ω	
Nominal Impedance		4	8	Ω
Rated Power		25	25	W
Musical Power		50	50	W
Sensitivity@1W,1m		94.1	91.8	dB



Note: all dimensions are in mm.