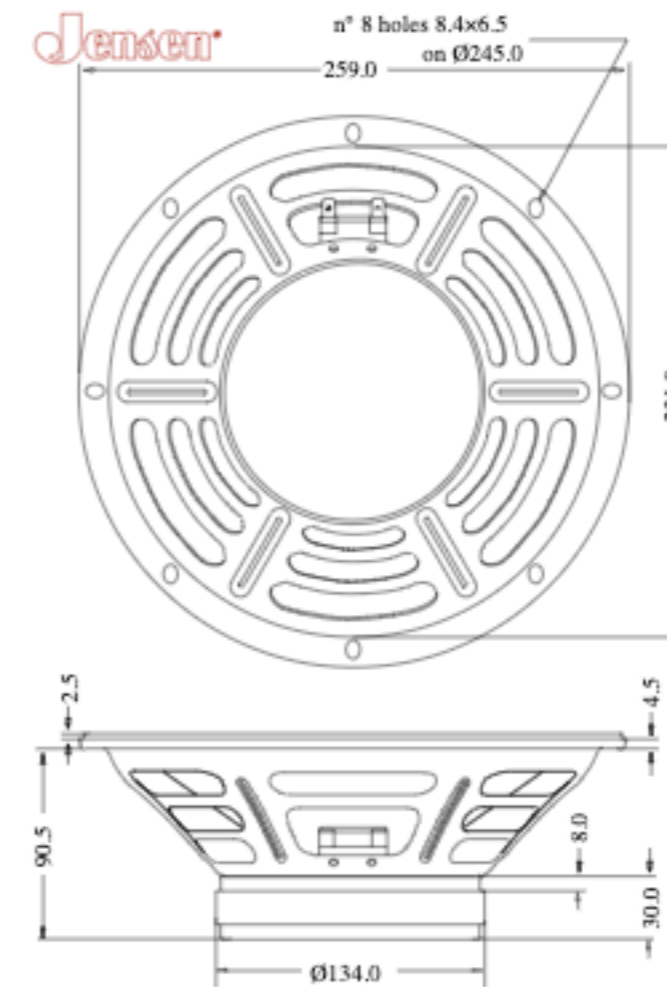


General Characteristics		
Nominal Overall Diameter	259 mm	10 in
Nominal Voice Coil Diameter	38 mm	1.5 in
Magnet Weight	810 g	29 oz
Overall Weight	3 kg	6.61 lbs
Flux Density		1.15 T
Voice Coil Winding Depth	10 mm	0.39 in
Magnetic Gap Depth	8 mm	0.31 in

Thiele-Small Parameters		8Ω	16Ω	
Voice Coil DC Resistance	R_E	6.05	12.65	Ω
Resonance Frequency	f_S	100.3	104	Hz
Mechanical Q Factor	Q_{MS}	15.12	8.25	
Total Q Factor	Q_{TS}	0.8	0.73	
Mechanical Moving Mass	M_{MS}	19	18.4	g
Mechanical Compliance	C_{MS}	132	127	μm/N
Force Factor	$B \times L$	9.29	13.73	Wb/m
Equivalent Acoustic Volume	V_{AS}	20.4	19.7	lt.
Maximum Linear Displacement	X_{MAX}	±1	±1	mm
Reference Efficiency	η_D	2.36	2.62	%
Diaphragm Area	S_D	330.1	330.1	cm ²
Losses Electrical Resistance	R_{ES}	108.7	149.8	Ω
Voice Coil Inductance @ 1kHz	L_E	0.62	1.15	mH
Electrical Q Factor	Q_{ES}	0.84	0.80	

Constructive Characteristics	
Magnet	Ferrite
Voice Coil Winding	Aluminum
Voice Coil Former	Kapton
Cone Material	Paper
Surround Material	Integrated Paper
Dust Dome Material	Non-treated Cloth
Basket Material	Pressed Sheet Steel
Surround Treatment	Yes

Electrical Characteristics		8Ω	16Ω	
Nominal Impedance		8	16	Ω
Rated Power		50	50	W
Musical Power		100	100	W
Sensitivity@1W,1m		97.1	97.4	dB



Frequency Response on IEC Baffle (DIN45575) @ 1W, 1 m - Free Air Impedance

