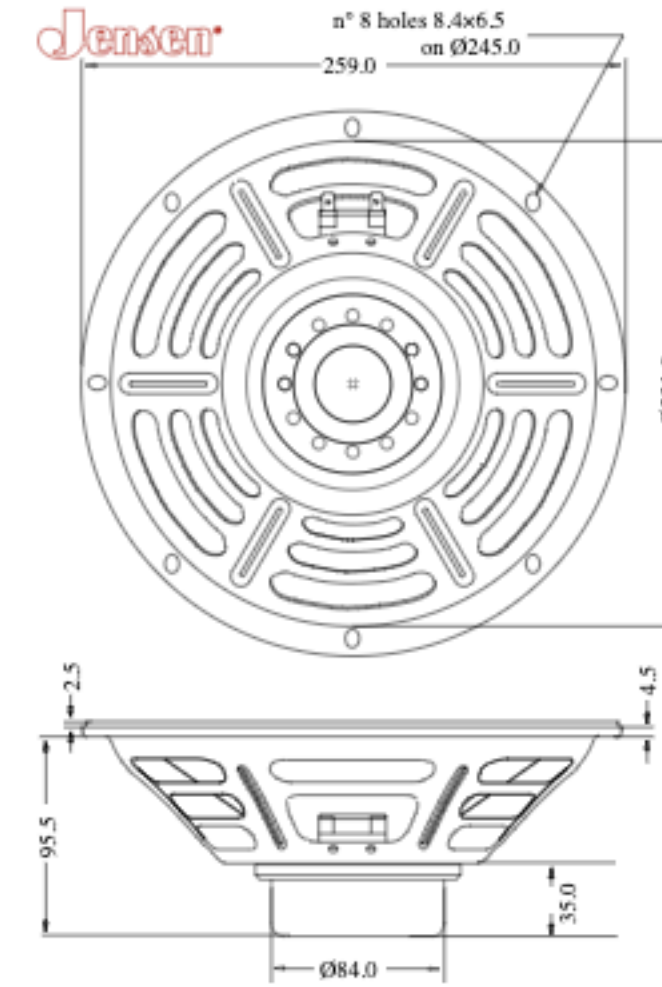


General Characteristics		
Nominal Overall Diameter	259 mm	10 in
Nominal Voice Coil Diameter	50 mm	2 in
Magnet Weight	200 g	7 oz
Overall Weight	1.7 kg	3.75 lbs
Flux Density		1.2 T
Voice Coil Winding Depth	10 mm	0.39 in
Magnetic Gap Depth	8 mm	0.31 in

Thiele-Small Parameters	8Ω	16Ω	
Voice Coil DC Resistance	$R_E$	6.05	12.24 Ω
Resonance Frequency	$f_S$	82.4	82.8 Hz
Mechanical Q Factor	$Q_{MS}$	9.81	10.64
Total Q Factor	$Q_{TS}$	0.58	0.62
Mechanical Moving Mass	$M_{MS}$	22	20.7 g
Mechanical Compliance	$C_{MS}$	170	179 μm/N
Force Factor	$B \times L$	10.52	14.19 Wb/m
Equivalent Acoustic Volume	$V_{AS}$	26	27.5 lt.
Maximum Linear Displacement	$X_{MAX}$	±1	±1 mm
Reference Efficiency	$\eta_D$	2.94	2.3 %
Diaphragm Area	$S_D$	330.1	330.1 cm <sup>2</sup>
Losses Electrical Resistance	$R_{ES}$	101.4	199.2 Ω
Voice Coil Inductance @ 1kHz	$L_E$	0.7	0.88 mH
Electrical Q Factor	$Q_{ES}$	0.62	0.66

Constructive Characteristics	
Magnet	Neodymium
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		100	100 W
Musical Power		200	200 W
Sensitivity@1W,1m		97	97 dB



Note: all dimensions are in mm.

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

