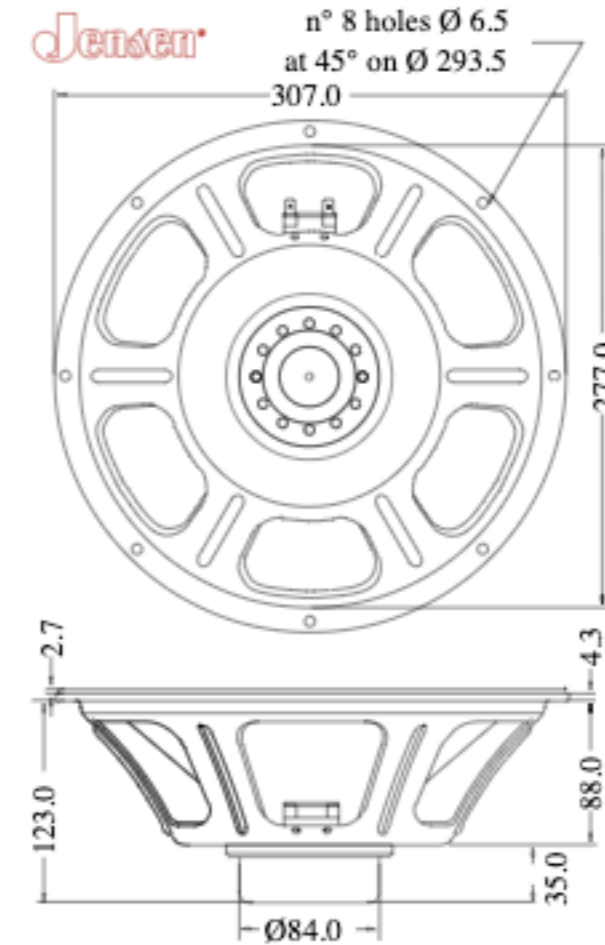


General Characteristics		
Nominal Overall Diameter	307 mm	12 in
Nominal Voice Coil Diameter	50 mm	2 in
Magnet Weight	200 g	7 oz
Overall Weight	2 kg	4.41 lbs
Flux Density		1.2 T
Voice Coil Winding Depth	10 mm	0.39 in
Magnetic Gap Depth	8 mm	0.31 in

Thiele-Small Parameters		4Ω	8Ω	16Ω	
Voice Coil DC Resistance	$R_E$	3.31	6.81	13.12	Ω
Resonance Frequency	$f_S$	76.5	72	70	Hz
Mechanical Q Factor	$Q_{MS}$	11.08	9.51	14.28	
Total Q Factor	$Q_{TS}$	0.58	0.52	0.7	
Mechanical Moving Mass	$M_{MS}$	31.2	29.9	31.9	g
Mechanical Compliance	$C_{MS}$	138	163	163	μm/N
Force Factor	$B \times L$	9.02	12.93	15.72	Wb/m
Equivalent Acoustic Volume	$V_{AS}$	47.2	55.9	55.7	lt.
Maximum Linear Displacement	$X_{MAX}$	±1	±1	±1	mm
Reference Efficiency	$\eta_D$	3.33	2.82	2.45	%
Diaphragm Area	$S_D$	490.9	490.9	490.9	cm <sup>2</sup>
Losses Electrical Resistance	$R_{ES}$	60	148.9	252.5	Ω
Voice Coil Inductance @ 1kHz	$L_E$	0.45	0.7	1.16	mH
Electrical Q Factor	$Q_{ES}$	0.61	0.55	0.74	

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

Electrical Characteristics	4Ω	8Ω	16Ω		
Nominal Impedance		4	8	16	Ω
Rated Power		100	100	100	W
Musical Power		200	200	200	W
Sensitivity@1W,1m		98.2	98.5	97	dB



Note: all dimensions are in mm.

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

