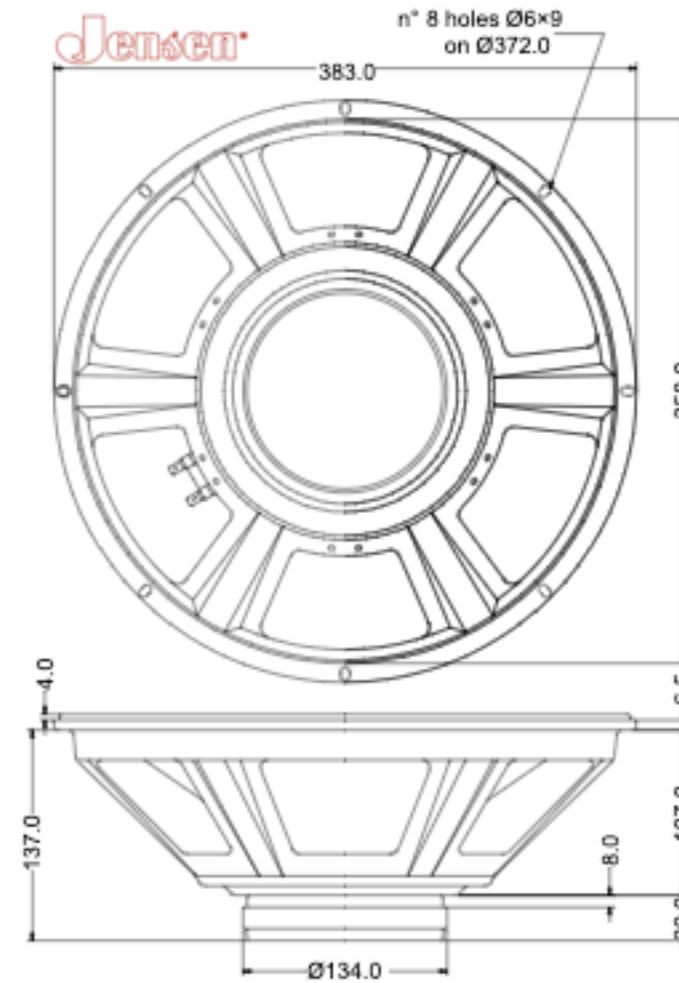


General Characteristics		
Nominal Overall Diameter	385 mm	15 in
Nominal Voice Coil Diameter	38 mm	1.5 in
Magnet Weight	810 g	29 oz
Overall Weight	4.2 kg	9.26 lbs
Flux Density		1 T
Voice Coil Winding Depth	10 mm	0.39 in
Magnetic Gap Depth	8 mm	0.31 in

Thiele-Small Parameters		4Ω	8Ω	16Ω	
Voice Coil DC Resistance	$R_E$	3.12	6.2	12.3	Ω
Resonance Frequency	$f_S$	74.2	73	73.5	Hz
Mechanical Q Factor	$Q_{MS}$	5.93	6.8	8.48	
Total Q Factor	$Q_{TS}$	0.87	1.11	1.46	
Mechanical Moving Mass	$M_{MS}$	41.2	54.7	51	g
Mechanical Compliance	$C_{MS}$	112	87	92	μm/N
Force Factor	$B \times L$	7.68	10.85	12.81	Wb/m
Equivalent Acoustic Volume	$V_{AS}$	89.4	70.3	74.4	lt.
Maximum Linear Displacement	$X_{MAX}$	±1.5	±1	±1	mm
Reference Efficiency	$\eta_O$	3.46	2.84	1.61	%
Diaphragm Area	$S_D$	754.7	754.8	754.8	cm <sup>2</sup>
Losses Electrical Resistance	$R_{ES}$	18.2	39	57	Ω
Voice Coil Inductance @ 1kHz	$L_E$	0.58	0.93	1.28	mH
Electrical Q Factor	$Q_{ES}$	1.02	1.33	1.76	

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	Yes

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	98.5	96.3	95.4	dB



Note: all dimensions are in mm.

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

