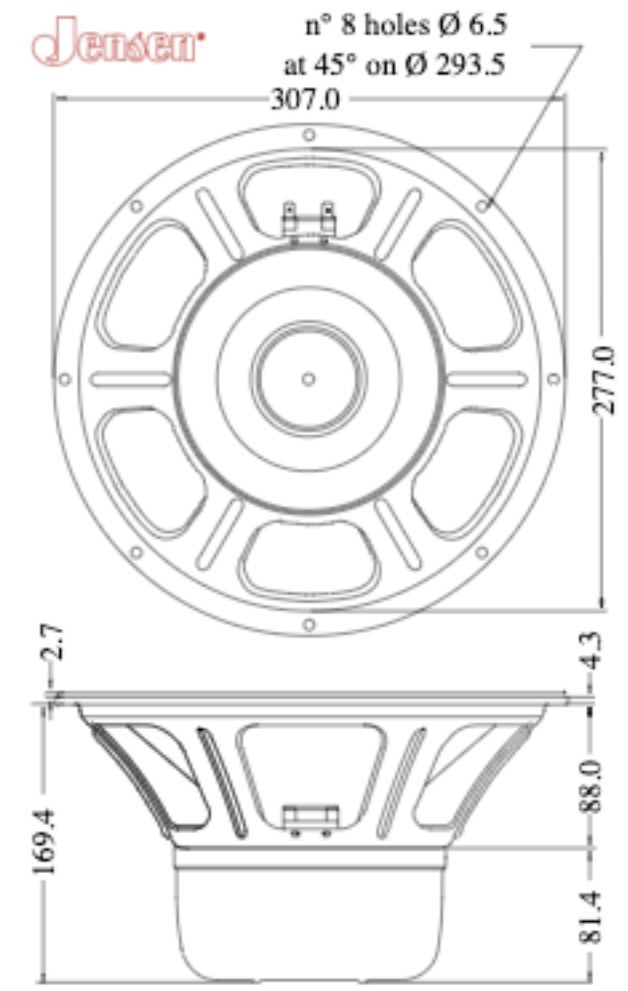


General Characteristics		
Nominal Overall Diameter	307 mm	12 in
Nominal Voice Coil Diameter	50 mm	2 in
Magnet Weight	826 g	29 oz
Overall Weight	3.2 kg	7.05 lbs
Flux Density		1 T
Voice Coil Winding Depth	10 mm	0.39 in
Magnetic Gap Depth	8 mm	0.31 in

Electrical Characteristics	8Ω	16Ω	
Nominal Impedance		8	16 Ω
Rated Power		100	100 W
Musical Power		200	200 W
Sensitivity@1W,1m		97.7	97.1 dB

Thiele-Small Parameters	8Ω	16Ω	
Voice Coil DC Resistance	R_E	6.05	11.98 Ω
Resonance Frequency	f_s	95.2	103.5 Hz
Mechanical Q Factor	Q_{MS}	10.84	13.58
Total Q Factor	Q_{TS}	0.92	1.19
Mechanical Moving Mass	M_{MS}	29.5	27.2 g
Mechanical Compliance	C_{MS}	95	87 μm/N
Force Factor	$B \times L$	10.33	12.75 Wb/m
Equivalent Acoustic Volume	V_{AS}	32.4	29.4 lt.
Maximum Linear Displacement	X_{MAX}	±1	±1 mm
Reference Efficiency	η_D	3.13	2.4 %
Diaphragm Area	S_D	490.9	490.8 cm ²
Losses Electrical Resistance	R_{ES}	82.7	124.7 Ω
Voice Coil Inductance @ 1kHz	L_E	0.59	1.14 mH
Electrical Q Factor	Q_{ES}	1.01	1.30

Constructive Characteristics	
Magnet	Alnico
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



Note: all dimensions are in mm.

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

