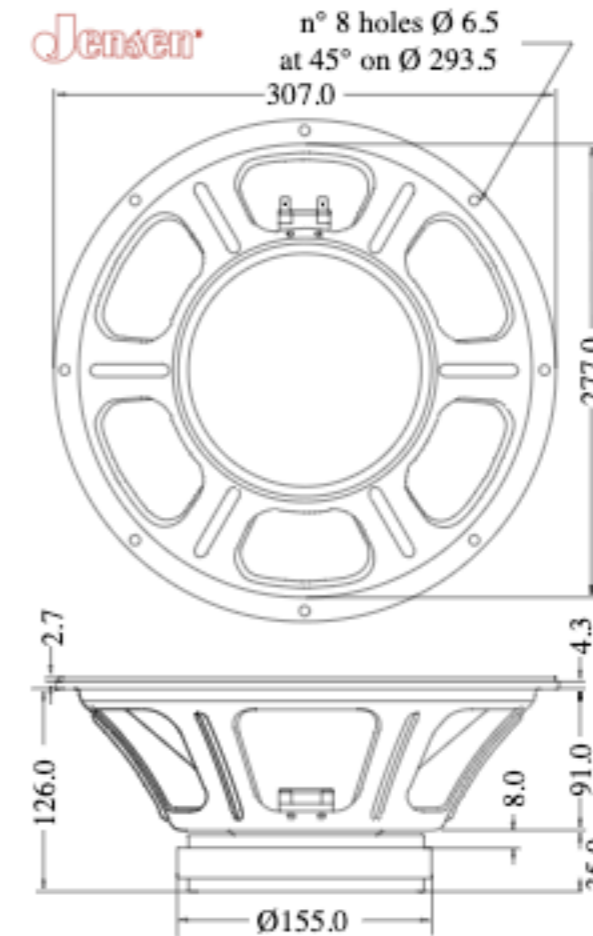


General Characteristics		
Nominal Overall Diameter	307 mm	12 in
Nominal Voice Coil Diameter	50 mm	2 in
Magnet Weight	1450 g	51 oz
Overall Weight	4.5 kg	9.92 lbs
Flux Density		1.15 T
Voice Coil Winding Depth	10 mm	0.39 in
Magnetic Gap Depth	8 mm	0.31 in

Thiele-Small Parameters	8Ω	16Ω	
Voice Coil DC Resistance	R_E	6.33	11.94 Ω
Resonance Frequency	f_S	95	93 Hz
Mechanical Q Factor	Q_{MS}	14.77	14.5
Total Q Factor	Q_{TS}	0.67	0.88
Mechanical Moving Mass	M_{MS}	29.9	28.3 g
Mechanical Compliance	C_{MS}	94	103 μm/N
Force Factor	$B \times L$	12.7	14.56 Wb/m
Equivalent Acoustic Volume	V_{AS}	32	35.3 lt.
Maximum Linear Displacement	X_{MAX}	±1	±1 mm
Reference Efficiency	η_D	3.76	2.92 %
Diaphragm Area	S_D	490.9	490.9 cm ²
Losses Electrical Resistance	R_{ES}	133.3	185.7 Ω
Voice Coil Inductance @ 1kHz	L_E	0.6	0.8 mH
Electrical Q Factor	Q_{ES}	0.70	0.94

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		70	70 W
Musical Power		140	140 W
Sensitivity@1W,1m		99	98.1 dB



Note: all dimensions are in mm.

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

