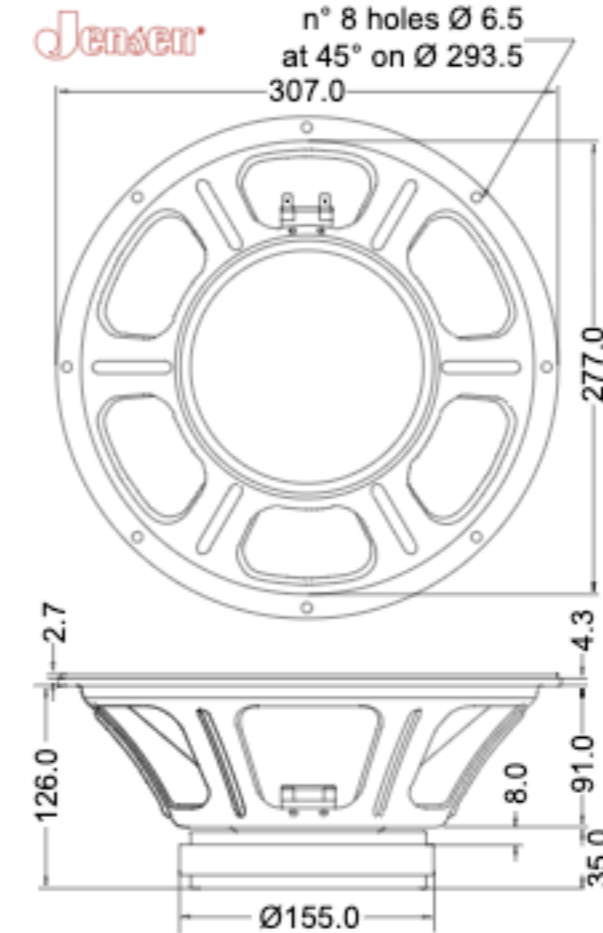


General Characteristics		
Nominal Overall Diameter	307 mm	12 in
Nominal Voice Coil Diameter	44 mm	1.73 in
Magnet Weight	1450 g	51 oz
Overall Weight	4.3 kg	9.48 lbs
Flux Density		1.29 T
Voice Coil Winding Depth	10 mm	0.39 in
Magnetic Gap Depth	8 mm	0.31 in

Thiele-Small Parameters	8Ω	16Ω	
Voice Coil DC Resistance	$R_E$	6.06	12.04 Ω
Resonance Frequency	$f_S$	83	88.4 Hz
Mechanical Q Factor	$Q_{MS}$	13.2	13.18
Total Q Factor	$Q_{TS}$	0.64	0.72
Mechanical Moving Mass	$M_{MS}$	29.7	27.6 g
Mechanical Compliance	$C_{MS}$	124	118 μm/N
Force Factor	$B \times L$	11.79	15.57 Wb/m
Equivalent Acoustic Volume	$V_{AS}$	42.4	40 lt.
Maximum Linear Displacement	$X_{MAX}$	±1	mm
Reference Efficiency	$\eta_D$	3.42	%
Diaphragm Area	$S_D$	490.9	490.9 cm <sup>2</sup>
Losses Electrical Resistance	$R_{ES}$	159.7	Ω
Voice Coil Inductance @ 1kHz	$L_E$	0.62	0.81 mH
Electrical Q Factor	$Q_{ES}$	0.67	0.76

Constructive Characteristics	
Magnet	Ferrite
Voice Coil Winding	Aluminum
Voice Coil Former	Fiberglass
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		75	75 W
Musical Power		150	150 W
Sensitivity@1W,1m		98.8	98.9 dB



Note: all dimensions are in mm.

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

