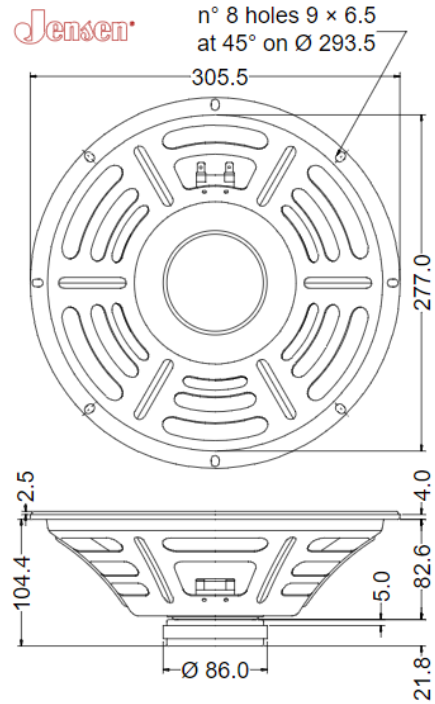


General Characteristics		
Nominal Overall Diameter	306 mm	12 in
Nominal Voice Coil Diameter	25 mm	0.98 in
Magnet Weight	270 g	10 oz
Overall Weight	1.4 kg	3.09 lbs
Flux Density		1 T
Voice Coil Winding Depth	8 mm	0.31 in
Magnetic Gap Depth	6 mm	0.24 in

Thiele-Small Parameters		8Ω
Voice Coil DC Resistance	$R_E$	6.7 Ω
Resonance Frequency	$f_S$	88.3 Hz
Mechanical Q Factor	$Q_{MS}$	18.52
Total Q Factor	$Q_{TS}$	2.47
Mechanical Moving Mass	$M_{MS}$	29.5 g
Mechanical Compliance	$C_{MS}$	110 μm/N
Force Factor	$BxL$	6.24 Wb/m
Equivalent Acoustic Volume	$V_{AS}$	37.5 lt.
Maximum Linear Displacement	$X_{MAX}$	±0.8 mm
Reference Efficiency	$\eta_0$	1.2 %
Diaphragm Area	$S_D$	490.9 cm <sup>2</sup>
Losses Electrical Resistance	$R_{ES}$	67 Ω
Voice Coil Inductance @ 1kHz	$L_E$	0.49 mH
Electrical Q Factor	$Q_{ES}$	2.85

Constructive Characteristics	
Magnet	Ferrite
Voice Coil Winding	Copper
Voice Coil Former	Kapton
Cone Material	Paper
Surround Material	Integrated Paper
Dust Dome Material	Felt
Basket Material	Pressed Sheet Steel
Surround Treatment	No

Electrical Characteristics		8Ω
Nominal Impedance		8 Ω
Rated Power		25 W
Musical Power		50 W
Sensitivity@1W,1m		92.3 dB



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

