

#### GENERAL CHARACTERISTICS

Nominal Overall Diameter	306 mm.	12 in.
Nominal Voice Coil Diameter	25 mm.	1.00 in.
Magnet Weight	270 g	10.00 oz
Overall Weight		3.10 lbs
Flux Density		1.00 T

#### THIELE-SMALL PARAMETERS

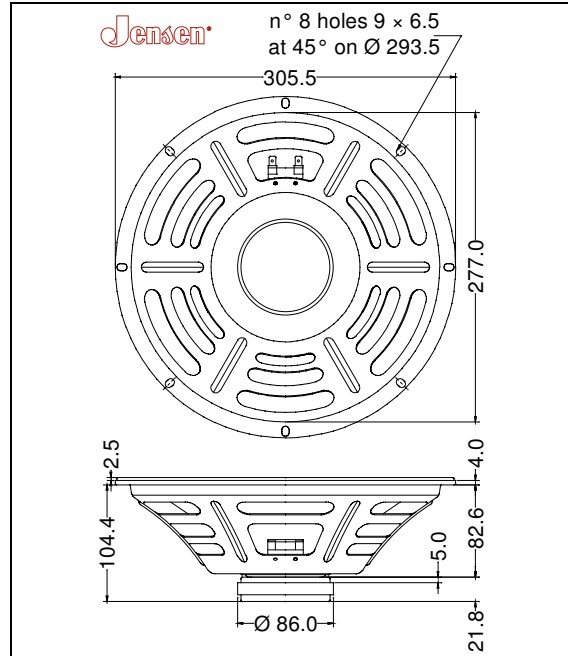
8Ω			
Voice Coil DC Resistance	$R_E$	6.50	Ω
Resonance Frequency	$f_S$	74.0	Hz
Mechanical Q Factor	$Q_{MS}$	21.48	
Electrical Q Factor	$Q_{ES}$	2.06	
Total Q Factor	$Q_{TS}$	1.88	
Mechanical Moving Mass	$M_{MS}$	24.6	g
Mechanical Compliance	$C_{MS}$	187	μm/N
Force Factor	$B \times L$	5.98	Wb/m
Equivalent Acoustic Volume	$V_{AS}$	63.2	lt.
Maximum Linear Displacement	$X_{MAX}$	± 0.80	mm
Reference Efficiency	$\eta_O$	1.20	%
Diaphragm Area	$S_D$	490.8	cm <sup>2</sup>
Losses Electrical Resistance	$R_{ES}$	67.0	Ω
Voice Coil Inductance @ 1kHz	$L_E$	0.49	mH

#### CONSTRUCTIVE CHARACTERISTICS

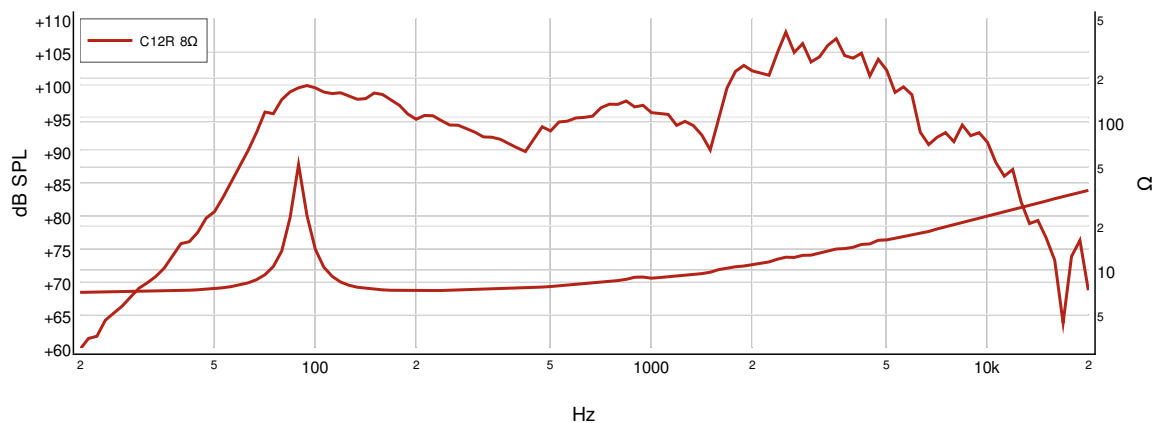
Magnet	Ferrite
Voice Coil Winding	Copper
Voice Coil Former	Kapton
Cone Material	Paper
Surround Material	Integrated Paper
Dust Dome Material	Felt
Basket Material	Pressed Sheet Steel

#### ELECTRICAL CHARACTERISTICS

8Ω			
Nominal Impedance		8	Ω
Rated Power		25	W
Musical Power		50	W
Sensitivity@1W,1m		93.8	dB



Frequency Response on IEC Baffle (DIN 45575) @ 1W, 1m - Free Air Impedance



Due to continuing product improvement, the features and the design are subject to change without notice.