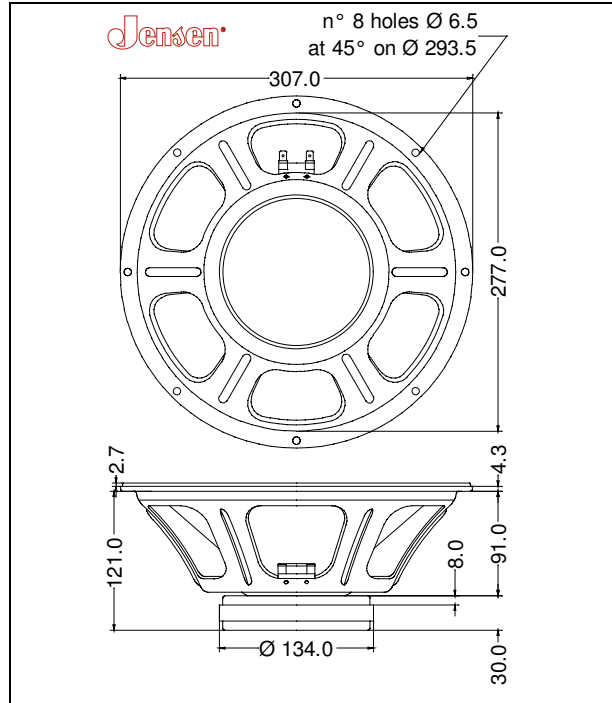


GENERAL CHARACTERISTICS		
Nominal Overall Diameter	307 mm	12 in
Nominal Voice Coil Diameter	38 mm	1.5 in
Magnet Weight	810 g	28.5 oz
Overall Weight		7.20 lbs
Flux Density		1.15 T

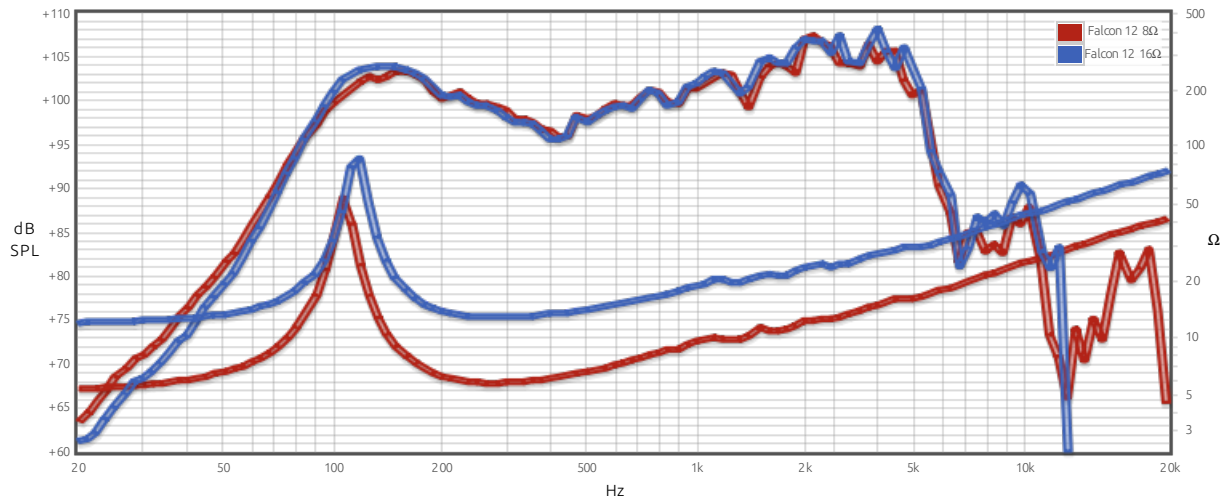
ELECTRICAL CHARACTERISTICS		
	8 Ω	16 Ω
Nominal Impedance	8	16 Ω
Rated Power	50	50 W
Musical Power	100	100 W
Sensitivity@1W,1m	98.7	96.6 dB

THIELE-SMALL PARAMETERS			
		8 Ω	16 Ω
Voice Coil DC Resistance	$R_E$	5.22	11.87 Ω
Resonance Frequency	$f_S$	107.0	112.9 Hz
Mechanical Q Factor	$Q_{MS}$	9.60	10.83
Electrical Q Factor	$Q_{ES}$	0.95	1.47
Total Q Factor	$Q_{TS}$	0.86	1.29
Mechanical Moving Mass	$M_{MS}$	31.7	31.6 g
Mechanical Compliance	$C_{MS}$	70	63 μm/N
Force Factor	$B_{XL}$	10.83	13.47 Wb/m
Equivalent Acoustic Volume	$V_{AS}$	28.8	21.5 lt.
Maximum Linear Displacement	$X_{MAX}$	+/- 1.0	+/- 1.0 mm
Reference Efficiency	$\eta_O$	2.95	2.02 %
Diaphragm Area	$S_D$	490.9	490.9 cm <sup>2</sup>
Losses Electrical Resistance	$R_{ES}$	52.8	87.7 Ω
Voice Coil Inductance @ 1kHz	$L_E$	0.78	1.43 mH



CONSTRUCTIVE CHARACTERISTICS		
Magnet		Ferrite
Voice Coil Winding		Copper
Voice Coil Former		Kapton
Cone		Paper
Surround		Integrated Paper
Dust Dome		Non Treated Cloth
Basket		Pressed Sheet Steel

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



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