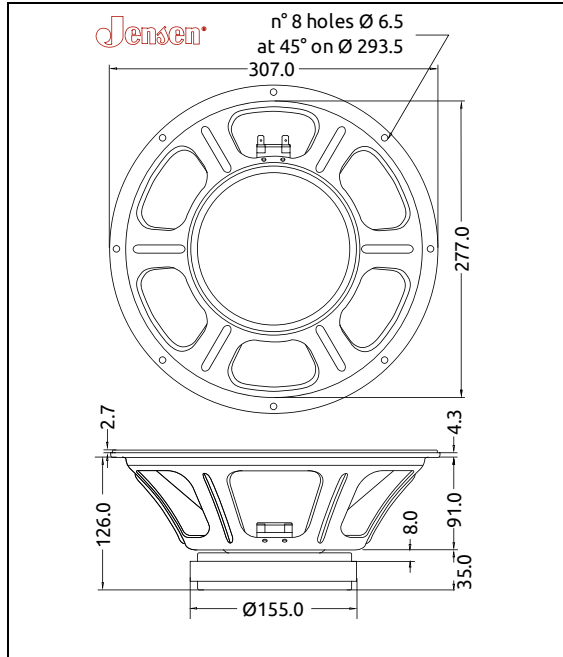


GENERAL CHARACTERISTICS		
Nominal Overall Diameter	307 mm.	12 in.
Nominal Voice Coil Diameter	50 mm.	2.00 in.
Magnet Weight	1450 g	50.00 oz
Overall Weight		9.92 lbs
Flux Density		1.15 T
Voice Coil Winding Depth		0.39 in.
Magnetic Gap Depth		0.31 in.

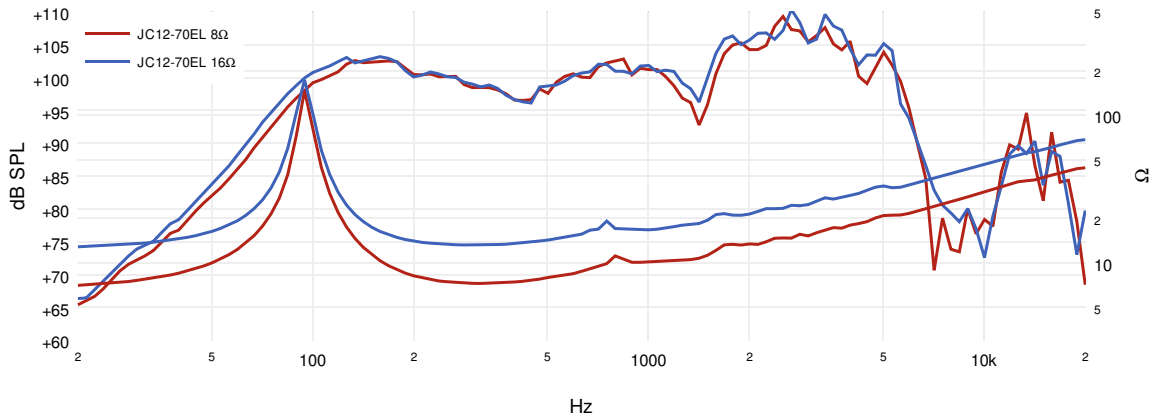
THIELE-SMALL PARAMETERS		
	8Ω	16Ω
Voice Coil DC Resistance	R_E 6.33	11.94 Ω
Resonance Frequency	f_S 95.0	93.0 Hz
Mechanical Q Factor	Q_{MS} 14.77	14.50
Electrical Q Factor	Q_{ES} 0.70	0.93
Total Q Factor	Q_{TS} 0.67	0.88
Mechanical Moving Mass	M_{MS} 29.9	28.3 g
Mechanical Compliance	C_{MS} 94	103 μm/N
Force Factor	$B \times L$ 12.70	14.56 Wb/m
Equivalent Acoustic Volume	V_{AS} 32.0	35.3 lt.
Maximum Linear Displacement	X_{MAX} 1.00	1.00 mm
Reference Efficiency	η_0 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 0.60	0.80 mH

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	99.0	98.1 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.