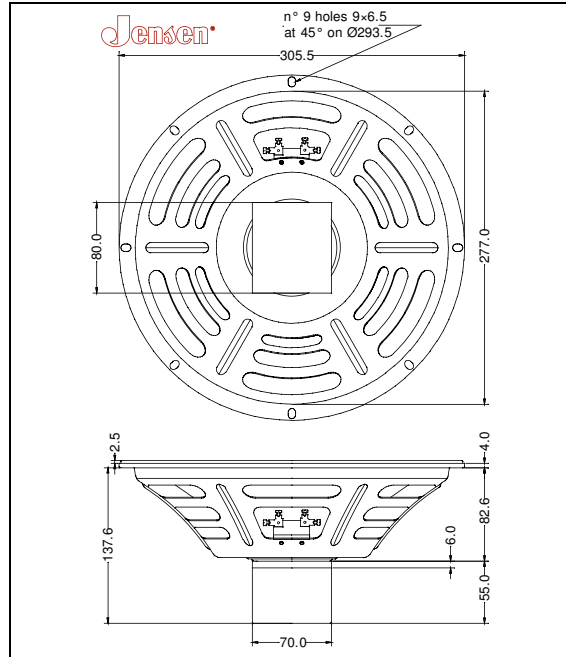


GENERAL CHARACTERISTICS		
Nominal Overall Diameter	306 mm.	12 in.
Nominal Voice Coil Diameter	32 mm.	1.25 in.
Magnet Weight	300 g	10.50 oz
Overall Weight		4.18 lbs
Flux Density		0.98 T
Voice Coil Winding Depth		0.31 in.
Magnetic Gap Depth		0.24 in.

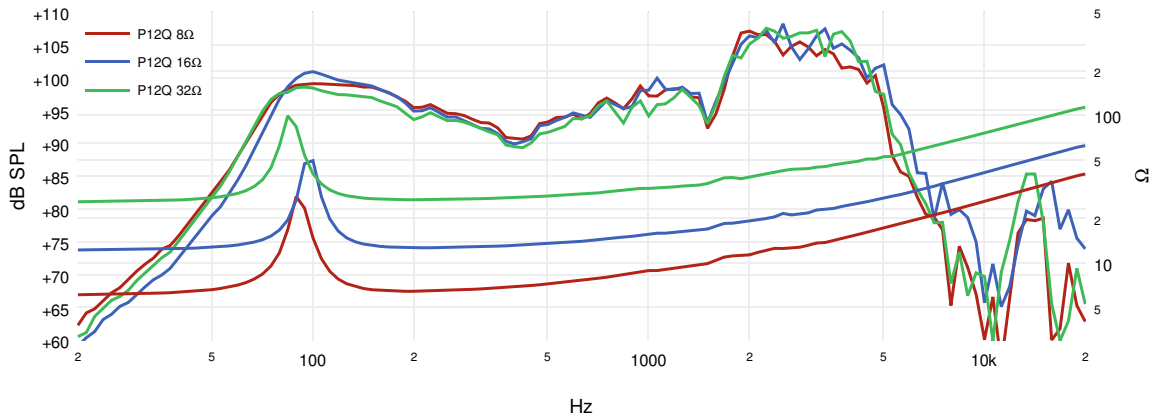
THIELE-SMALL PARAMETERS				
		8Ω	16Ω	32Ω
Voice Coil DC Resistance	R_E	5.60	12.45	25.20 Ω
Resonance Frequency	f_S	90.5	90.0	85.6 Hz
Mechanical Q Factor	Q_{MS}	11.57	12.68	10.94
Electrical Q Factor	Q_{ES}	2.38	2.81	3.33
Total Q Factor	Q_{TS}	2.03	2.30	2.55
Mechanical Moving Mass	M_{MS}	26.8	25.9	25.3 g
Mechanical Compliance	C_{MS}	115	122	138 μm/N
Force Factor	$B \times L$	5.88	8.05	10.15 Wb/m
Equivalent Acoustic Volume	V_{AS}	39.5	41.2	46.6 lt.
Maximum Linear Displacement	X_{MAX}	1.00	1.00	1.00 mm
Reference Efficiency	η_0	1.42	1.02	0.84 %
Diaphragm Area	S_D	490.9	490.9	490.0 cm ²
Losses Electrical Resistance	R_{ES}	25.5	56.3	82.7 Ω
Voice Coil Inductance @ 1kHz	L_E	0.67	0.60	1.59 mH

CONSTRUCTIVE CHARACTERISTICS		
Magnet		Alnico
Voice Coil Winding		Copper
Voice Coil Former		Nomex
Cone Material		Paper
Surround Material		Integrated Paper
Dust Dome Material		Solid Paper
Basket Material		Pressed Sheet Steel
Surround Treatment		No

ELECTRICAL CHARACTERISTICS			
	8Ω	16Ω	32Ω
Nominal Impedance	8	16	32 Ω
Rated Power	40	40	50 W
Musical Power	80	80	100 W
Sensitivity@1W,1m	94.4	96.1	92.3 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.