

### GENERAL CHARACTERISTICS

Nominal Overall Diameter	207 mm.	10 in.
Nominal Voice Coil Diameter	25 mm.	1.00 in.
Magnet Weight	200 g	7.00 oz
Overall Weight		3.09 lbs
Flux Density		0.96 T

### THIELE-SMALL PARAMETERS

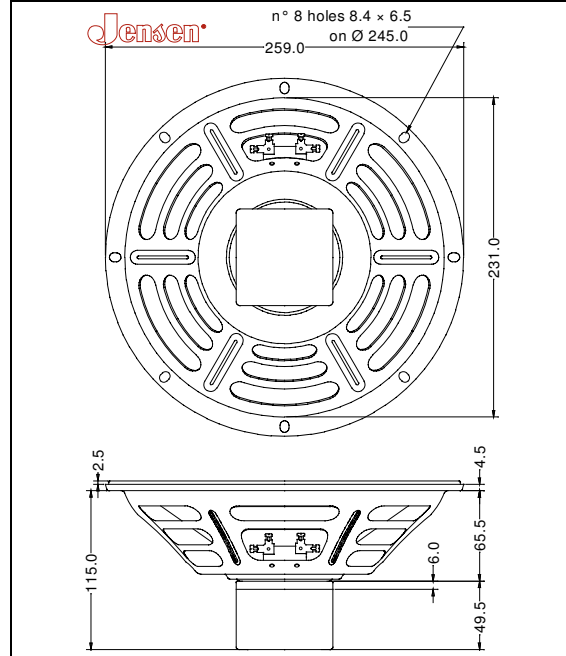
8Ω		
Voice Coil DC Resistance	$R_E$	6.96 Ω
Resonance Frequency	$f_S$	87.3 Hz
Mechanical Q Factor	$Q_{MS}$	18.99
Electrical Q Factor	$Q_{ES}$	1.97
Total Q Factor	$Q_{TS}$	1.79
Mechanical Moving Mass	$M_{MS}$	18.0 g
Mechanical Compliance	$C_{MS}$	185 μm/N
Force Factor	$B_{XL}$	5.89 Wb/m
Equivalent Acoustic Volume	$V_{AS}$	28.5 lt.
Maximum Linear Displacement	$X_{MAX}$	± 1.00 mm
Reference Efficiency	$\eta_O$	0.92 %
Diaphragm Area	$S_D$	330.1 cm <sup>2</sup>
Losses Electrical Resistance	$R_{ES}$	66.9 Ω
Voice Coil Inductance @ 1kHz	$L_E$	0.51 mH

### CONSTRUCTIVE CHARACTERISTICS

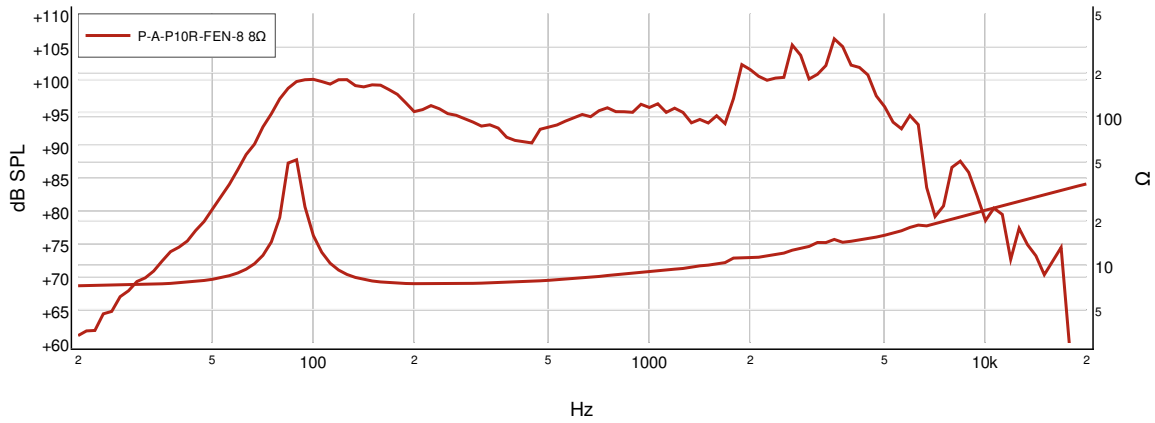
Magnet	Alnico
Voice Coil Winding	Copper
Voice Coil Former	Kapton
Cone Material	Paper
Surround Material	Integrated Paper
Dust Dome Material	Non-treated Cloth
Basket Material	Pressed Sheet Steel

### ELECTRICAL CHARACTERISTICS

8Ω	
Nominal Impedance	8 Ω
Rated Power	25 W
Musical Power	50 W
Sensitivity@1W,1m	92.5 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.