

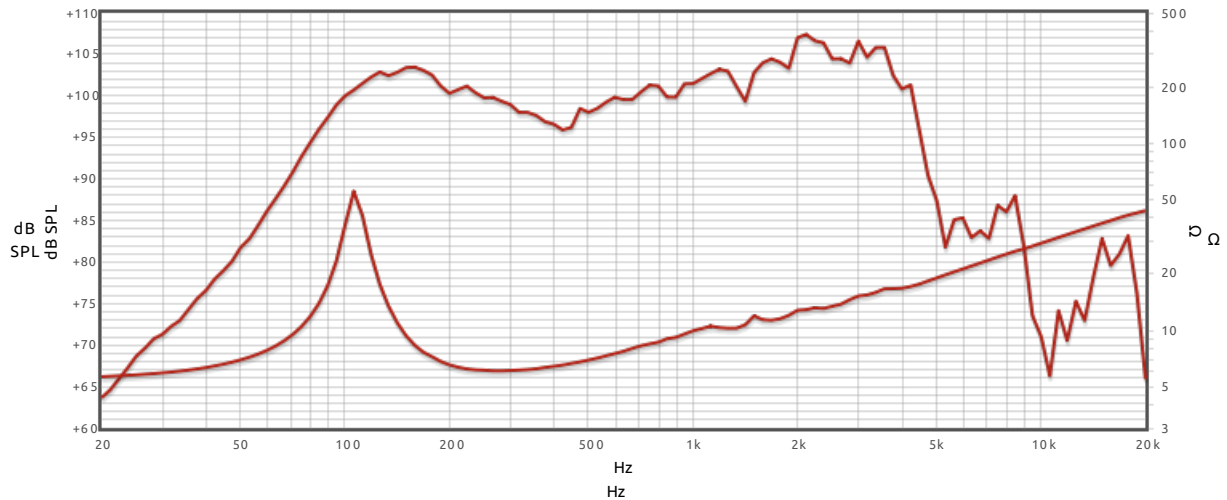
GENERAL CHARACTERISTICS		
Nominal Overall Diameter	307 mm.	12 in.
Nominal Voice Coil Diameter	38 mm.	1.50 in.
Magnet Weight	810 g	28.50 oz
Overall Weight		7.20 lbs
Flux Density		1.15 T

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

THIELE-SMALL PARAMETERS			8Ω
Voice Coil DC Resistance	$R_E$	5.22	Ω
Resonance Frequency	$f_S$	107.0	Hz
Mechanical Q Factor	$Q_{MS}$	9.60	
Electrical Q Factor	$Q_{ES}$	0.95	
Total Q Factor	$Q_{TS}$	0.86	
Mechanical Moving Mass	$M_{MS}$	31.7	g
Mechanical Compliance	$C_{MS}$	70	μm/N
Force Factor	$B \times L$	10.83	Wb/m
Equivalent Acoustic Volume	$V_{AS}$	28.8	lt.
Maximum Linear Displacement	$X_{MAX}$	± 1.00	mm
Reference Efficiency	$\eta_0$	2.95	%
Diaphragm Area	$S_D$	490.9	cm <sup>2</sup>
Losses Electrical Resistance	$R_{ES}$	52.8	Ω
Voice Coil Inductance @ 1kHz	$L_E$	0.78	mH

CONSTRUCTIVE CHARACTERISTICS	
Magnet	Ferrite
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

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.