



AERONS SPEAKER

PROFESSIONAL AUDIO SYSTEM

15MB1200

2400W Continuous program power
45-3KHz Frequency range
99.3mm Voice coil
96dB Sensitivity
Optimized magnet and FEA analyse



GENERAL SPECIFICATIONS

Nominal Diameter	15inch
Nominal Impedance	8ohm
Program Power	2400watts
Power Handling	1200watts
Sensitivity	96.0dB
Frequency Range	45-3KHz
Effective Diaphragm Diameter	332mm
Minimum Impedance	5.1ohm
Voice-coil Diameter	99.3mm
Voice-coil Material	CCAW
Voice-coil Winding Depth	28.6mm
Numbers of layer(s)	2
Kind of layer	IN/Out
Top Plate Thickness	15
Magnet Size	220*30mm

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	45 Hz
DC Resistance	Rte	5.1 ohm
Mechanical Factor	Qms	6.58
Electrical Factor	Qes	0.345
Total Factor	Qts	0.328
BL Factor	BL	29.85 T-m
Effective Moving Mass	Mms	213.6gr
Equivalent Cas Air Load	Vas	62.3liters
Effective Piston Area	Sd	865.7cm ²
Max. Linear Excursion	Xmax	10.5mm
Half Space Efficiency	Eff	1.6%

MOUNTING&SHIPPING INFORMATION

Overall Diameter	393/15.5	mm /inch
Bolt Circle Diameter	375/14.76	mm /inch
Bolt Hole Diameter	7 /0.276	mm/inch
Mount Buffer Cut-out	356/14.02	mm/inch
Depth	189/7.44	mm/inch
Net Weight	13.7 /30.14	kg /lbs
Shipping Weight	15.2/33.44	kg/lbs
Shipping Box	407*407*200	mm

