



AERONS SPEAKER

PROFESSIONAL AUDIO SYSTEM

15PL76- II

400W Continuous program power
42-3.5KHz Frequency range
76.2mm Voice coil
97dB Sensitivity
Optimized magnet and FEA analyse



GENERAL SPECIFICATIONS

Nominal Diameter	15inch
Nominal Impedance	8ohm
Program Power	400watts
Power Handling	800watts
Sensitivity	97.0dB
Frequency Range	42-3.5KHz
Effective Diaphragm Diameter	335mm
Minimum Impedance	5.2ohm
Voice-coil Diameter	76.2mm
Voice-coil Material	CCAW
Voice-coil Winding Depth	18mm
Numbers of layer(s)	2
Kind of layer	IN/Out
Top Plate Thickness	10
Magnet Size	190*20mm

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	42Hz
DC Resistance	Rte	5.2ohm
Mechanical Factor	Qms	9.238
Electrical Factor	Qes	0.546
Total Factor	Qts	0.516
BL Factor	BL	18.069 T-m
Effective Moving Mass	Mms	104.22 gr
Equivalent Cas Air Load	Vas	110.2liters
Effective Piston Area	Sd	881.41cm ²
Max. Linear Excursion	Xmax	6.5mm
Half Space Efficiency	Eff	2.32%

MOUNTING&SHIPPING NFORMATION

Overall Diameter	398mm
Bolt Circle Diameter	377mm
Bolt Hole Diameter	5.6mm
Mount Buffer Cut-out	355mm
Depth	167mm
Net Weight	7.8kg
Shipping Weight	9.2kg
Shipping Box	407*407*20mm

