



AERONS SPEAKER

PROFESSIONAL AUDIO SYSTEM

12FW76- II

900W Continuous program power
50-4.0KHz Frequency range
75.5mm Voice coil
97.0dB Sensitivity
Optimized magnet and FEA analyse



GENERAL SPECIFICATIONS

Nominal Diameter	12inch
Nominal Impedance	8ohm
Program Power	900watts
Power Handling	450watts
Sensitivity	97.0dB
Frequency Range	50-4.0KHz
Effective Diaphragm Diameter	261mm
Minimum Impedance	5.1ohm
Voice-coil Diameter	75.5mm
Voice-coil Material	CCAW
Voice-coil Winding Depth	18.4mm
Numbers of layer(s)	2
Kind of layer	IN/Out
Top Plate Thickness	11
Magnet Size	190*25mm

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	50.0Hz
DC Resistance	Rte	5.1ohm
Mechanical Factor	Qms	7.395
Electrical Factor	Qes	0.398
Total Factor	Qts	0.378
BL Factor	BL	18.80 T-m
Effective Moving Mass	Mms	43.24 gr
Equivalent Cas Air Load	Vas	43.24liters
Effective Piston Area	Sd	535.0cm ²
Max. Linear Excursion	Xmax	6.45mm
Half Space Efficiency	Eff	1.87%

MOUNTING&SHIPPING INFORMATION

Overall Diameter	316/12.44	mm/inch
Bolt Circle Diameter	300/11.81	mm/inch
Bolt Hole Diameter	7/0.276	mm/inch
Mount Buffer Cut-out	284/11.18	mm/inch
Depth	147/5.79	mm/inch
Net Weight	7.85/17.27	kg/lbs
Shipping Weight	8.75/19.25	kg/lbs
Shipping Box	337*337*175	mm

