

AERONS SPEAKER

PROFESSIONAL AUDIO SYSTEM

12NE075

800W Continuous program power
50-5KHz Frequency range
75.5mm Voice coil
100.0dB Sensitivity
Optimized magnet and FEA analyse



GENERAL SPECIFICATIONS

Nominal Diameter	12inch
Nominal Impedance	8ohm
Program Power	800watts
Power Handling	400watts
Sensitivity	100.0dB
Frequency Range	50-5KHz
Effective Diaphragm Diameter	265mm
Minimum Impedance	5.1ohm
Voice-coil Diameter	75.5mm
Voice-coil Material	CCA W
Voice-coil Winding Depth	18.8mm
Numbers of layer(s)	2
Kind of layer	in/Out
Top Plate Thickness	10
Magnet Size	25.4*10/*13

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	50.0Hz
DC Resistance	Rte	5.1ohm
Mechanical Factor	Qms	13.47
Electrical Factor	Qes	0.30
Total Factor	Qts	0.29
BL Factor	BL	19.8 T-m
Effective Moving Mass	Mms	69.09 gr
Equivalent Cas Air Load	Vas	51.85liters
Effective Piston Area	Sd	535.02cm ²
Max. Linear Excursion	Xmax	4.4mm
Half Space Efficiency	Eff	2.52%

MOUNTING & SHIPPING INFORMATION

Overall Diameter	315mm
Bolt Circle Diameter	298mm
Bolt Hole Diameter	6.5mm
Mount Buffer Cut-out	284mm
Depth	140mm
Net Weight	4.37kg
Shipping Weight	5.8kg
Shipping Box	337*337*175mm

