



AERONS SPEAKER

PROFESSIONAL AUDIO SYSTEM

10MB400

400W Continuous program power
 45-3KHz Frequency range
 65.5mm Voice coil
 96dB Sensitivity
 Optimized magnet and FEA analyse



GENERAL SPECIFICATIONS

Nominal Diameter	10inch
Nominal Impedance	8ohm
Program Power	400watts
Power Handling	200watts
Sensitivity	96dB
Frequency Range	45-3KHz
Effective Diaphragm Diameter	220 mm
Minimum Impedance	4.5ohm
Voice-coil Diameter	65.5mm
Voice-coil Material	CU
Voice-coil Winding Depth	16.5 mm
Numbers of layer(s)	2
Kind of layer	Out
Top Plate Thickness	8
Magnet Size	170*20mm

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	45 Hz
DC Resistance	Rte	4.5ohm
Mechanical Factor	Qms	9.51
Electrical Factor	Qes	0.25
Total Factor	Qts	0.24
BL Factor	BL	15.58 T-m
Effective Moving Mass	Mms	46.7 g
Equivalent Cas Air Load	Vas	51.06liters
Effective Piston Area	Sd	380.13cm ²
Max. Linear Excursion	Xmax	3.75mm
Half Space Efficiency	Eff	1.95%

MOUNTING&SHIPPING INFORMATION

Overall Diameter	260/10.23	mm/inch
Bolt Circle Diameter	246/9.68	mm/inch
Bolt Hole Diameter	6.5/0.25	mm/inch
Mount Buffer Cut-out	230/9.05	mm/inch
Depth	123/4.84	mm/inch
Net Weight	4.6/10.14	kg/lbs
Shipping Weight	6.2/13.66	kg/lbs
Shipping Box	285*285*150	mm

