



AERONS (INDIA)

**AERONS
SPEAKER**
PROFESSIONAL AUDIO SYSTEM

Y35
GRADE FERRITE MAGNET



MB10F400

400W RMS Power

60Hz - 3KHz Frequency Range

65 mm Voice Coil

97dB Sensitivity

170*20mm magnet

GENERAL SPECIFICATIONS

Nominal Diameter	10inch
Nominal Impedance	16ohm
Minimum Impedance	10.5 ohm
Nominal Power Handling	400Watts
Continuous Power Handling	800Watts
Sensitivity	97dB
Frequency Range	60-3000Hz
Voice-coil Diameter	65.5mm
Voice-coil Material	Copper
Voice-coil Winding Depth	15.5 mm
Effective Diaphragm Diameter	220Mm
Kind of layer	out
Number of layers	2
Top Plate Thickness	8mm
Spider	Silicon
Flux Density	1.25T
Magnet Diameter	170*20mm
Magnet Material	Ferrite
Magnet Grade	Y35
Magnet Gap Depth	8 mm

16 OHMS
IMPEDANCE

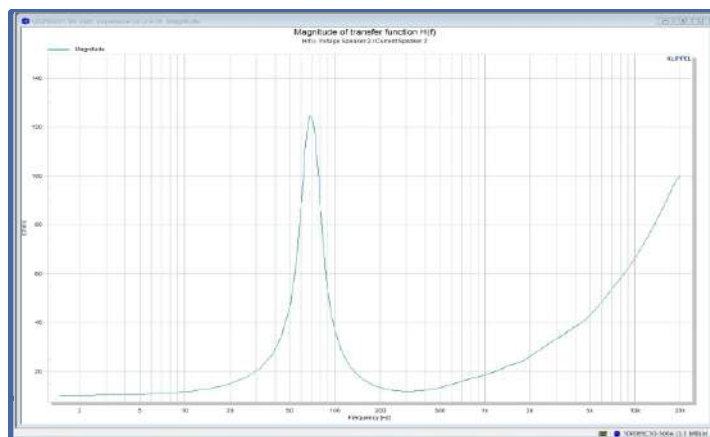
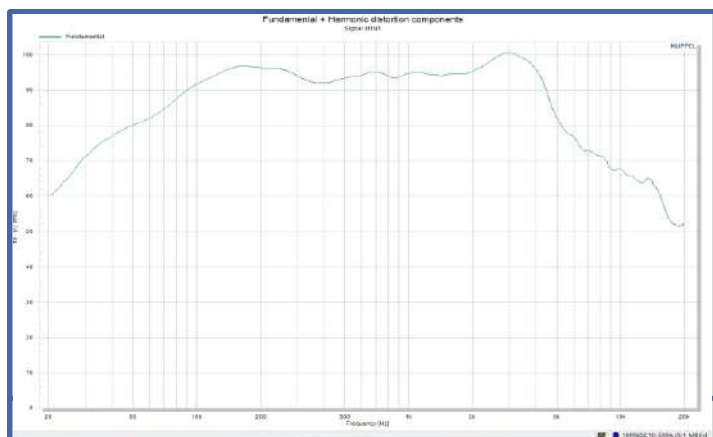
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THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	60Hz
DC Resistance	Rte	10.5ohm
Mechanical Factor	Qms	5.36
Electrical Factor	Qes	0.390
Total Factor	Qts	0.364
BL Factor	BL	22.26 T-m
Effective Moving Mass	Mms	43.00gr
Equivalent Cas Air Load	Vas	22.67liter
Effective Piston Area	Sd	3.63 m ²
Max. Linear Excursion	Xmax	4mm
Half Space Efficiency	Eff	1.88%

MOUNTING&SHIPPING INFORMATION

Overall Diameter	262mm
Buffer Cut-out Dia.	231mm
Bolt Circle Dia.	245mm
Bolt Hole Dia.	6.8mm
Gasket Thickness	8mm
Overall Depth	118mm
Magnet Dia.	170mm
Net Weight	5.3 kg



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