



AERONS (INDIA)

**AERONS
SPEAKER**
PROFESSIONAL AUDIO SYSTEM

Y30
GRADE FERRITE MAGNET



12X250MB

250W RMS Power

55Hz - 7.5 KHz Frequency Range

2 inch Voice Coil

96dB Sensitivity

140*20mm magnet

GENERAL SPECIFICATIONS

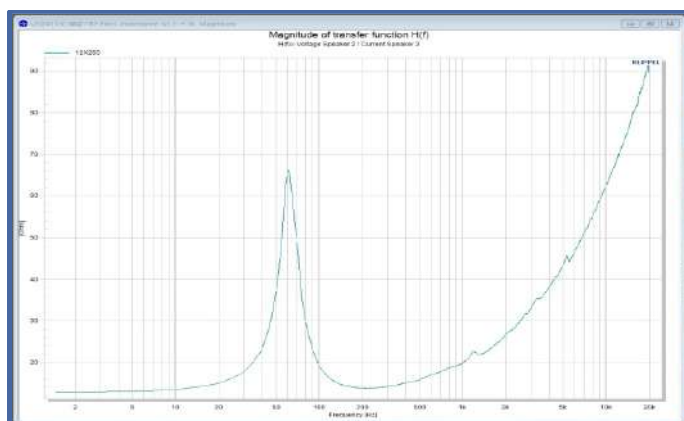
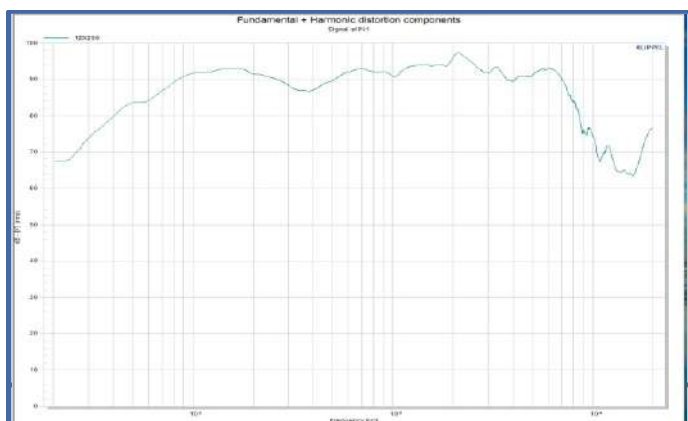
Nominal Diameter	12inch
Nominal Impedance	16ohms
Minimum Impedance	13 ohms
Nominal Power Handling	250Watts
Continuous Power Handling	500Watts
Sensitivity	96 dB
Frequency Range	55-7.5 kHz
Voice-coil Diameter	49.5mm
Voice-coil Material	CCAW
Voice-coil Winding Depth	13.5 mm
Effective Diaphragm Diameter	270 Mm
Kind of layer	Out
Number of layers	2
Top Plate Thickness	8mm
Spider	Conex
Flux Density	1.15T
Magnet Diameter	140*20mm
Magnet Material	Ferrite
Magnet Grade	Y30
Magnet Gap Depth	20mm

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	55Hz
DC Resistance	Rte	13 ohms
Mechanical Factor	Qms	3.772
Electrical Factor	Qes	0.869
Total Factor	Qts	0.738
BL Factor	BL	15.64 T-m
Effective Moving Mass	Mms	51.02gr
Equivalent Cas Air Load	Vas	72.03liter
Effective Piston Area	Sd	0.57 m'2
Max. Linear Excursion	Xmax	3mm
Half Space Efficiency	Eff	1.67%
Efficiency Bandwidth Product	EBP	63.29
Compliance Value	Cms	0.156

MOUNTING&SHIPPING INFORMATION

Overall Diameter	315mm
Buffer Cut-out Dia.	282mm
Bolt Circle Dia.	299mm
Bolt Hole Dia.	7mm
Gasket Thickness	mm
Overall Depth	139mm
Magnet Dia.	140mm
Net Weight	3.9 kg



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