



AERONS (INDIA)

Exclusive Chassis

Y35
GRADE FERRITE MAGNET

AERONS
SPEAKER
PROFESSIONAL AUDIO SYSTEM

HX123

500W RMS Power

50Hz - 5KHz Frequency Range

3 inch Voice Coil

98dB Sensitivity

190*25mm magnet



GENERAL SPECIFICATIONS

Nominal Diameter	12inch
Nominal Impedance	8ohm
Minimum Impedance	5.2 ohm
Nominal Power Handling	500Watts
Continuous Power Handling	1000Watts
Sensitivity	98dB
Frequency Range	50-5000Hz
Voice-coil Diameter	76.2mm
Voice-coil Material	CCAW
Voice-coil Winding Depth	18 mm
Effective Diaphragm Diameter	260Mm
Kind of layer	In/out
Number of layers	2
Top Plate Thickness	10mm
Spider	Silicon Spider
Flux Density	1.25T
Magnet Diameter	190*25mm
Magnet Material	Ferrite
Magnet Grade	Y35
Magnet Gap Depth	10mm

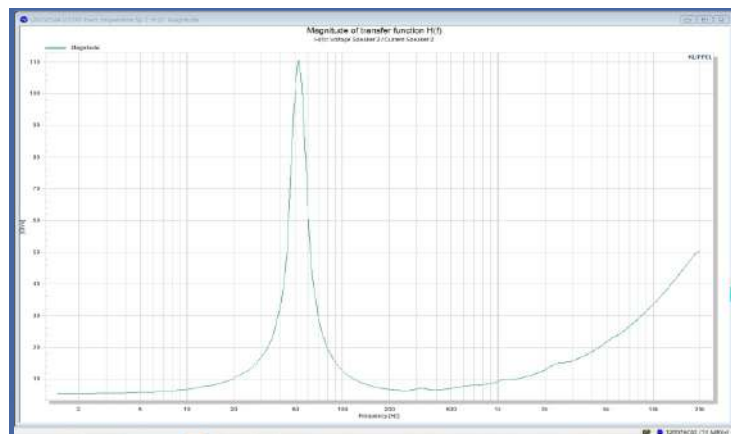
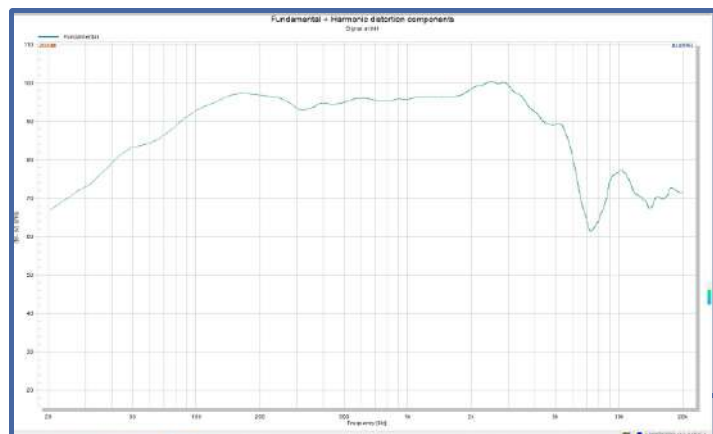
THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	50Hz
DC Resistance	Rte	5.2 ohm
Mechanical Factor	Qms	8.65
Electrical Factor	Qes	0.331
Total Factor	Qts	0.319
BL Factor	BL	19.02 T-m
Effective Moving Mass	Mms	67.95gr
Equivalent Cas Air Load	Vas	60.35liter
Effective Piston Area	Sd	0.530 m ²
Max. Linear Excursion	Xmax	4.2 mm
Half Space Efficiency	Eff	2.31%
Efficiency Bandwith Product	EBP	150.568
Compliance Value	CMS	0.133mm



MOUNTING&SHIPPING INFORMATION

Overall Diameter	315mm
Buffer Cut-out Dia.	280mm
Bolt Circle Dia.	297mm
Bolt Hole Dia.	7 mm
Overall Depth	143mm
Magnet Dia.	190mm
Net Weight	7.9 kg



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www.aeronsindia.com