



AERONS (INDIA)

**AERONS
SPEAKER**

PROFESSIONAL AUDIO SYSTEM

Y30
GRADE FERRITE MAGNET



12X200FR

200W RMS Power

75Hz - 16 KHz Frequency Range

2 inch Voice Coil

97dB Sensitivity

140*20mm magnet

GENERAL SPECIFICATIONS

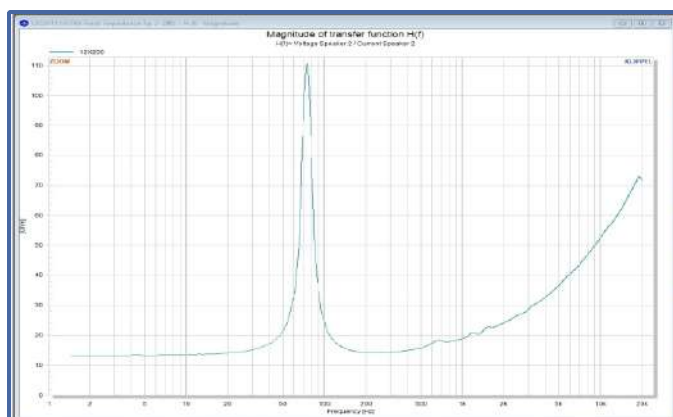
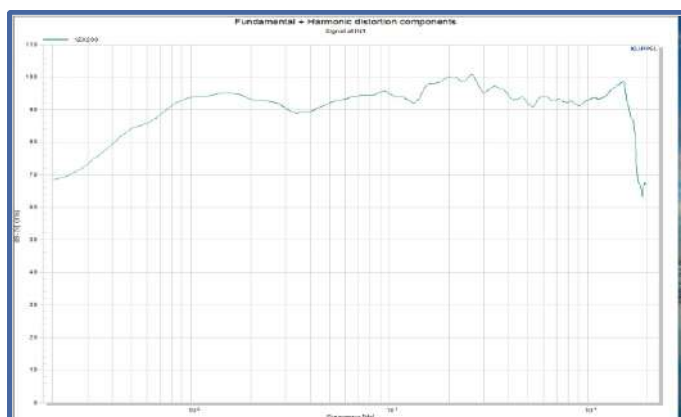
Nominal Diameter	12inch
Nominal Impedance	16ohms
Minimum Impedance	13 ohms
Nominal Power Handling	200Watts
Continuous Power Handling	400Watts
Sensitivity	97 dB
Frequency Range	75-16 kHz
Voice-coil Diameter	49.5mm
Voice-coil Material	CCAW
Voice-coil Winding Depth	11.5 mm
Effective Diaphragm Diameter	265 Mm
Kind of layer	Out
Number of layers	2
Top Plate Thickness	6mm
Spider	Cotton
Flux Density	1.15T
Magnet Diameter	140*20mm
Magnet Material	Ferrite
Magnet Grade	Y30
Magnet Gap Depth	20mm

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	75Hz
DC Resistance	Rte	13 ohms
Mechanical Factor	Qms	11
Electrical Factor	Qes	0.953
Total Factor	Qts	0.920
BL Factor	BL	13.65 T-m
Effective Moving Mass	Mms	32.76gr
Equivalent Cas Air Load	Vas	64.24liter
Effective Piston Area	Sd	0.57 m ²
Max. Linear Excursion	Xmax	3.5mm
Half Space Efficiency	Eff	2.30%
Efficiency Bandwidth Product	EBP	78.69
Compliance Value	Cms	0.112

MOUNTING&SHIPPING INFORMATION

Overall Diameter	310mm
Buffer Cut-out Dia.	284mm
Bolt Circle Dia.	298mm
Bolt Hole Dia.	5.2mm
Gasket Thickness	mm
Overall Depth	137mm
Magnet Dia.	140mm
Net Weight	3.6 kg



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