



AERONS (INDIA)

**AERONS
SPEAKER**

PROFESSIONAL AUDIO SYSTEM

U Y35
GRADE FERRITE MAGNET



MB15FE800

800W RMS Power

40Hz - 3KHz Frequency Range

4 inch Voice Coil

96.7dB Sensitivity

220*25mm magnet

GENERAL SPECIFICATIONS

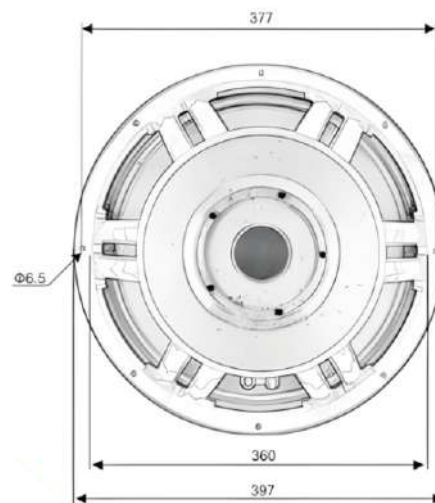
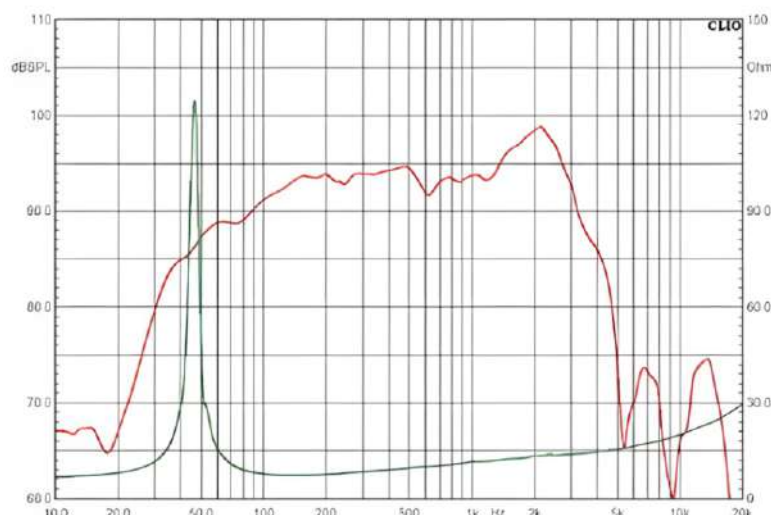
Nominal Diameter	15inch
Nominal Impedance	8ohm
Minimum Impedance	7ohm
Nominal Power Handling	800Watts
Continuous Power Handling	1600Watts
Sensitivity	96.7dB
Frequency Range	40-3000Hz
Voice-coil Diameter	100mm
Voice-coil Material	CCAW
Kind of layer	In/out
Number of layers	2
Magnet Diameter	220*25mm
Magnet Material	Ferrite
Magnet Grade	Y35

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	40Hz
DC Resistance	Rte	7ohm
Mechanical Factor	Qms	9.21
Electrical Factor	Qes	0.4
Total Factor	Qts	0.38
BL Factor	BL	18.3 T-m
Effective Moving Mass	Mms	102.9gr
Equivalent Cas Air Load	Vas	183.53liter
Effective Piston Area	Sd	0.9 m ²
Max. Linear Excursion	Xmax	13.7mm
Compliance Value	Cms	0.15mm

MOUNTING&SHIPPING INFORMATION

Overall Diameter	397mm
Buffer Cut-out Dia.	360mm
Bolt Circle Dia.	377mm
Bolt Hole Dia.	6.5mm
Gasket Thickness	14mm
Overall Depth	180mm
Magnet Dia.	280mm
Net Weight	11.1 kg



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