



AERONS (INDIA)

**AERONS
SPEAKER**
PROFESSIONAL AUDIO SYSTEM



LF18X125

2000W RMS Power
35Hz - 3KHz Frequency Range
5 inch Voice Coil
98dB Sensitivity
280*25mm magnet

GENERAL SPECIFICATIONS

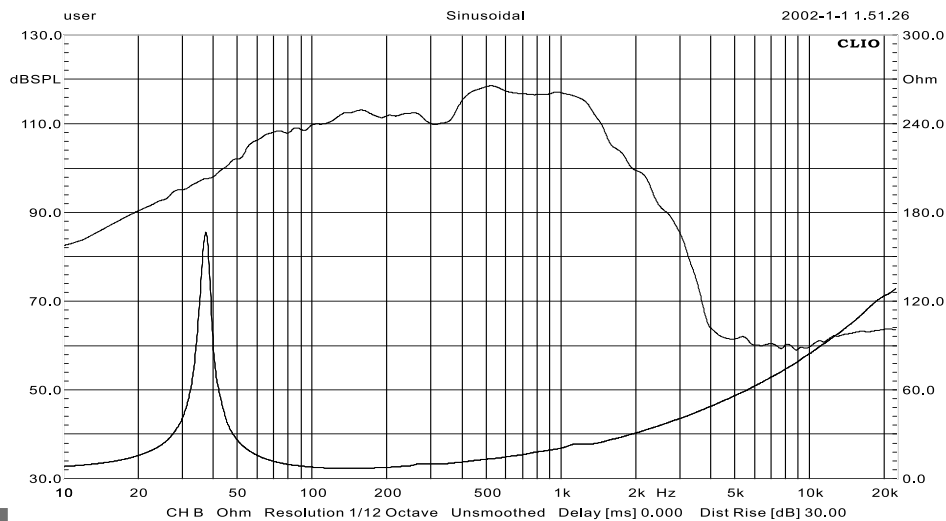
Nominal Diameter	18inch
Nominal Impedance	8ohm
Minimum Impedance	5.5ohm
Nominal Power Handling	2000Watts
Continuous Power Handling	4000Watts
Sensitivity	98dB
Frequency Range	35-3KHz
Voice-coil Diameter	125mm
Voice-coil Material	Copper
Voice-coil Winding Depth	28mm
Effective Diaphragm Diameter	400mm
Kind of layer	In/out
Number of layers	2
Top Plate Thickness	17
Spider	Double Silicone
Flux Density	0.98T
Magnet Diameter	280X25mm
Magnet Material	Ferrite
Magnet Grade	Y30
Magnet Gap Depth	12

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	35Hz
DC Resistance	Rte	5.5ohm
Mechanical Factor	Qms	10.7
Electrical Factor	Qes	0.34
Total Factor	Qts	0.33
BL Factor	BL	31.8T-m
Effective Moving Mass	Mms	264.2gr
Equivalent Cas Air Load	Vas	144.1liter
Effective Piston Area	Sd	0.122
Max. Linear Excursion	Xmax	8mm
Half Space Efficiency	Eff	1.5%
Efficiency Bandwidth Product	EBP	100
Compliance Value	Cms	0.068

MOUNTING & SHIPPING INFORMATION

Overall Diameter	466mm
Buffer Cut-out Dia.	422mm
Bolt Circle Dia.	442mm
Bolt Hole Dia.	8mm
Gasket Thickness	1.5mm
Overall Depth	210mm
Magnet Dia.	280mm
Net Weight	20.5 kg



File: 18125-017.sini

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www.aeronsindia.com