



AERONS (INDIA)

**AERONS
SPEAKER**
PROFESSIONAL AUDIO SYSTEM



XP18N2000

2000W RMS Power
31Hz - 1.5KHz Frequency Range
4.5 inch Voice Coil
97dB Sensitivity
NEODYMIUM magnet

GENERAL SPECIFICATIONS

Nominal Diameter	18inch
Nominal Impedance	8ohm
Minimum Impedance	5.4ohm
Nominal Power Handling	2000Watts
Continuous Power Handling	4000Watts
Sensitivity	97dB
Frequency Range	31-1.5KHz
Voice-coil Diameter	114.55mm
Voice-coil Material	Copper
Voice-coil Winding Depth	30.40mm
Effective Diaphragm Diameter	398mm
Kind of layer	In/out
Number of layers	3
Top Plate Thickness	14
Spider	Double Silicone
Flux Density	1.3T
Magnet Diameter	113*12mm
Magnet Material	Neodymium
Magnet Grade	N38SH
Magnet Gap Depth	14

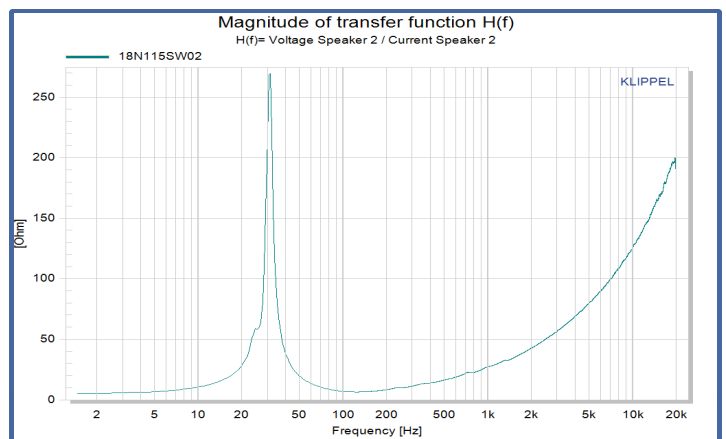
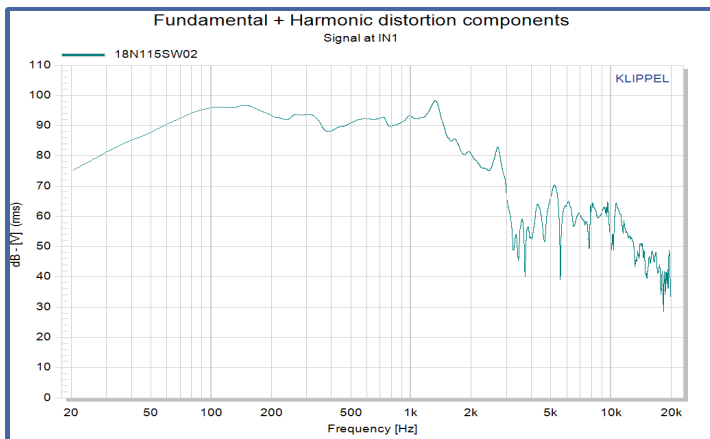
THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	31Hz
DC Resistance	Rte	5.4ohm
Mechanical Factor	Qms	17.63
Electrical Factor	Qes	0.264
Total Factor	Qts	0.260
BL Factor	BL	35.75T-m
Effective Moving Mass	Mms	335.87gr
Equivalent Cas Air Load	Vas	153.39liter
Effective Piston Area	Sd	1.194 m ²
Max. Linear Excursion	Xmax	10mm
Half Space Efficiency	Eff	1.74%
Efficiency Bandwidth Product	EBP	117.42
Compliance Value	Cms	0.068



MOUNTING & SHIPPING INFORMATION

Overall Diameter	465mm
Buffer Cut-out Dia.	422mm
Bolt Circle Dia.	446mm
Bolt Hole Dia.	7.0mm
Gasket Thickness	16.5mm
Overall Depth	243mm
Magnet Dia.	113mm
Net Weight	11.8 kg



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www.aeronsindia.com