



AERONS (INDIA)

**AERONS  
SPEAKER**  
PROFESSIONAL AUDIO SYSTEM



# SUPER 18XS

**1400W RMS Power**  
**35Hz - 1KHz Frequency Range**  
**4 inch Voice Coil**  
**95dB Sensitivity**  
**220\*30mm Big magnet**

## GENERAL SPECIFICATIONS

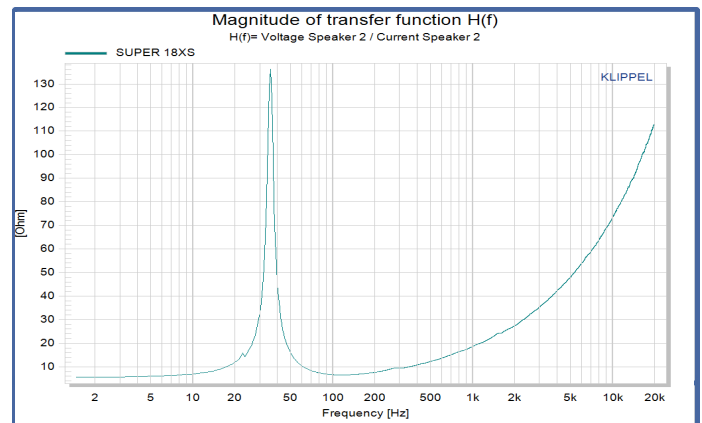
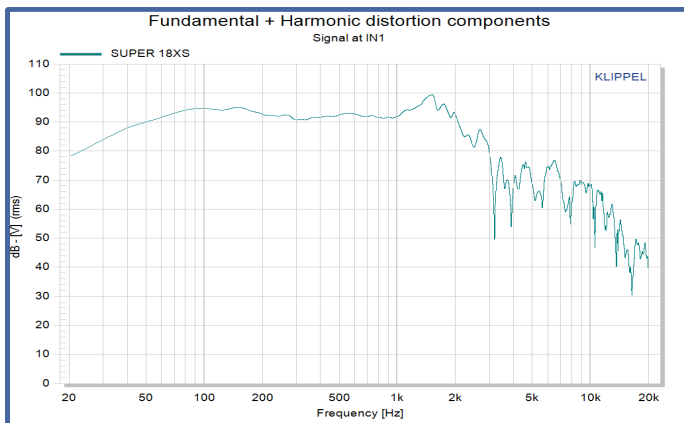
Nominal Diameter	18inch
Nominal Impedance	8ohm
Minimum Impedance	5.4ohm
Nominal Power Handling	1400Watts
Continuous Power Handling	2800Watts
Sensitivity	95dB
Frequency Range	35-1KHz
Voice-coil Diameter	99.3mm
Voice-coil Material	Copper
Voice-coil Winding Depth	32.5mm
Effective Diaphragm Diameter	390mm
Kind of layer	In/out
Number of layers	2
Top Plate Thickness	15
Spider	Double Silicone
Flux Density	1.15T
Magnet Diameter	220*30mm
Magnet Material	Ferrite
Magnet Grade	Y30
Magnet Gap Depth	15

## THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	35Hz
DC Resistance	Rte	5.1ohm
Mechanical Factor	Qms	16.64
Electrical Factor	Qes	0.535
Total Factor	Qts	0.519
BL Factor	BL	24.75T-m
Effective Moving Mass	Mms	262.1gr
Equivalent Cas Air Load	Vas	157.17liter
Effective Piston Area	Sd	0.122 m
Max. Linear Excursion	Xmax	12.5mm
Half Space Efficiency	Eff	1.6%
Efficiency Bandwidth Product	EBP	66.01
Compliance Value	Cms	0.083

## MOUNTING & SHIPPING INFORMATION

Overall Diameter	460mm
Buffer Cut-out Dia.	424mm
Bolt Circle Dia.	445mm
Bolt Hole Dia.	7.0mm
Gasket Thickness	16mm
Overall Depth	239mm
Magnet Dia.	220mm
Net Weight	14.5 kg



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