

ELECTRICAL SPECIFICATION

Nominal Diameter	461mm / 18 inch
Frame	Aluminium
Magnet	NdFeB Ring
Magnet Diameter	97mm
Nominal Impedance	8 Ohm
Magnetic Gap Depth	8mm
AES Power Handling	800W
Continuous Program Power	1600W
Sensitivity 1W/ 1M	95db
Frequency Range	34- 3kHz
Voice Coil Diameter	99.5mm/ 4 inch
Winding Material	CCAR
Former Material	TGL
Winding Depth	22mm
Surround (Damper)	C
Cone and Dust Cap	Paper
Surround Material	Polycotton
Surround Design	Double-roll

THIELE & SMALL PARAMETERS

Rosonanco Frequency	Fs	34hz
DC Resistance	Re	7.2 Ω
Mechanical Factor	Qms	7.397
Electrical Factor	Qes	0.529
Total Factor	Qts	0.493
BL Factor	BL	22.737T.m
Effective Moving Mass	Mms	176.844gr
Compliance	Cms	122.758 μ M/N
Equivalent Cas Air Load	Vas	269.804L
Effective Piston Area	Sd	0.124m²
η (Eta Zero)	η 0	1.967%

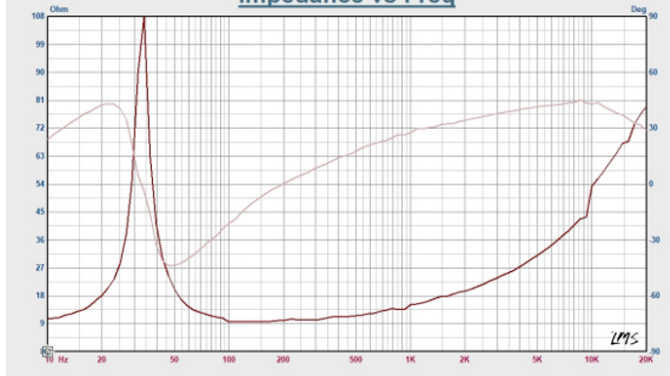
MOUNTING & SHIPPING INFORMATION

Overall Diameter	461mm
Bolt Circle Diameter	445mm
Baffle Cutout Diameter	425mm
Depth	220mm
Net Weight	6.7kg
Shipping Weight (Single)	8kg

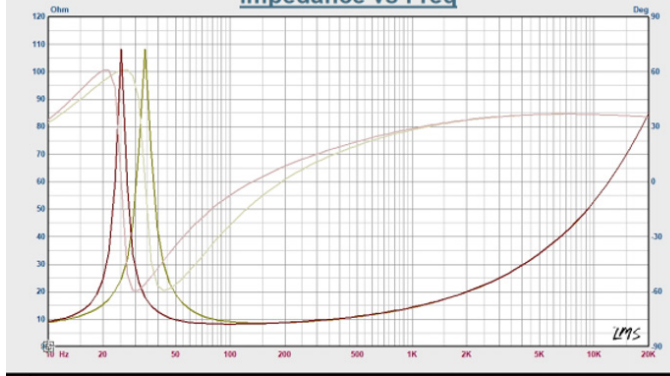
SPL vs Freq



Impedance vs Freq



Impedance vs Freq



Notes	8 SPLModel: VL-R183GB IMP 9 DataModel: VL-R183GB IMP Re=7.200 Ohm, Fc=34.559 Hz, Sd=124.410K mm², Mms=156.000 g BL=22.737 T.m, Qms=7.397, Qes=0.529, Qts=0.493, Re=7.200 Ohm, Sd=124.410K mm², Mms=156.000 g Vas=269.804 L, Cms=122.758 μ M/N, Re=7.200 Ohm, Sd=124.410K mm², Mms=156.000 g Mms=176.844 g, Mmd=151.612m Kg, Xms=26.208m H, Xmd=0.642
-------	--



Model: LFNS18-1600