



18SW115

LF Drivers - 18 Inches

3400 W continuous program power capacity
116 mm (4.5 in) split winding copper voice coil
35 – 1500 Hz response
96.5 dB sensitivity
60 mm peak-to-peak excursion before damage
Neodymium magnet allows a very high force factor and linear excursion
Double silicone spider with optimized compliance
Ventilated voice coil gap for reduced power compression
Aluminium demodulating ring for very low distortion



Specification

Nominal Diameter	460 mm (18 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.5 ohm
Nominal Power Handling (AES)	1700 W
Continuous Power Handling	3400 W
Sensitivity (1W/1m)	96 dB
Frequency Range	35 - 1500 Hz
Voice Coil Diameter	116 mm (4.5 in)
Winding Material	Copper
Former Material	Glass Fibre
Magnet Material	Neodymium Ring
Winding Depth	34 mm (1.33 in)
Magnetic Gap Depth	12 mm (0.5 in)
Flux Density	1.16 T

Parameters

Fs	35 Hz
Re	5.3 ohm

Parameters

Qes	0.37
Qms	6.3
Qts	0.35
Vas	145 dm ³ (5.1 ft ³)
Sd	1210 cm ² (187.6 in ²)
EtaZero	1.6 %
Xmax	± 14 mm
Xvar	± 15 mm
Mms	300 g
Bl	30.6 Txm
Le	1.9 mH

Mounting & Shipping

Overall Diameter	460 mm (18 in)
Bolt Circle Diameter	440 mm (17.3 in)
Baffle Cutout Diameter	422 mm (16.6 in)
Depth	242 mm (9.5 in)

Mounting & Shipping

Flange and Gasket Thickness	16 mm (0.62 in)
Net Weight	22.4 kg (10.2 lb)
Shipping Weight	25.7 kg (11.7 lb)
Shipping Box	500x500x250 mm (19.7x19.7x9.8 in)

Design

Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Type	Neodymium Ring
Spider	Double Silicone
Pole Design	T-Pole

Service kit