



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
- 97 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)	97 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	32 Hz
Re	5.3 ohm
Qes	0.32

Parameters

Qms	5.6
Qts	0.3
Vas	187 dm ³ (6.5 ft ³)
Sd	1210 cm ² (187.6 in ²)
EtaZero	1.9 %
Xmax	± 14 mm
Xvar	± 16 mm
Mms	275 g
Bl	30.3 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)
Flange and Gasket Thickness	16 mm (0.62 in)
Net Weight	22.4 kg (10.2 lb)

Mounting & Shipping

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

Service kit	
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