



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 dm3 (6.5 ft3)
Sd	1210 cm2 (187.6 in2)
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	443 mm (17.44 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	11.9 kg (26.2 lb)

Mounting & Shipping

Shipping Weight	13.9 kg (30.6 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
Woofer Cone Treatment	TWP Waterproof – Both Sides

Service kit RCK18SW1158