



18NW100

LF Drivers - 18 Inches

2400 W continuous program power capacity
 100 mm (4 in) copper voice coil
 35 – 1000 Hz response
 98 dB sensitivity
 FEA optimized Neodymium magnet assembly
 Double silicone spider with optimized compliance
 Ventilated voice coil gap for reduced power compression



Specification

Nominal Diameter	460 mm (18 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.3 ohm
Nominal Power Handling (AES)	1200 W
Continuous Power Handling	2400 W
Sensitivity (1W/1m)	98 dB
Frequency Range	35 - 1000 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Magnet Material	Neodymium Inside Slug
Winding Depth	25 mm (1 in)
Magnetic Gap Depth	12 mm (0.5 in)
Flux Density	1.2 T

Parameters

Fs	31 Hz
Re	5.1 ohm
Qes	0.27
Qms	4.2
Qts	0.26
Vas	252 dm ³ (8.9 ft ³)
Sd	1210 cm ² (187.6 in ²)
EtaZero	2.7 %
Xmax	+ - 9 mm
Xvar	+ - 11 mm
Mms	211 g
Bl	28 Txm
Le	1.7 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	209 mm (8.2 in)

Mounting & Shipping

Flange and Gasket Thickness	16 mm (0.62 in)
Net Weight	9.3 kg (20.5 lb)
Shipping Weight	10.8 kg (23.8 lb)
Shipping Box	500x500x250 mm (19.7x19.7x9.8 in)

Design

Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Type	Neodymium Inside Slug
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof – Both Sides

Service kit	RCK18NW1008
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