



18PS100

LF Drivers - 18 Inches

1400 W continuous program power capacity
 100 mm (4 in) copper voice coil
 30 – 1000 Hz response
 95.5 dB sensitivity
 Double silicone spider with optimized compliance



Specification

Nominal Diameter	460 mm (18 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.3 ohm
Nominal Power Handling (AES)	700 W
Continuous Power Handling	1400 W
Sensitivity (1W/1m)	96 dB
Frequency Range	30 - 1000 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Magnet Material	Ceramic Ring
Winding Depth	21 mm (0.83 in)
Magnetic Gap Depth	10.5 mm (0.4 in)
Flux Density	1.05 T

Parameters

Fs	30 Hz
Re	5.3 ohm
Qes	0.41

Parameters

Qms	4.6
Qts	0.39
Vas	245 dm ³ (8.6 ft ³)
Sd	1210 cm ² (187.6 in ²)
EtaZero	1.6 %
Xmax	+ - 8 mm
Xvar	+ - 8 mm
Mms	202 g
Bl	22.5 Txm
Le	2.1 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	197 mm (7.75 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Net Weight	10.5 kg (23.1 lb)

Mounting & Shipping

Shipping Weight	11.9 kg (26.2 lb)
Shipping Box	500x500x250 mm (19.7x19.7x9.8 in)

Design

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

Service kit RCK18PS1008