21SW152
LF Drivers - 21 Inches

4000 W continuous program power capacity
153 mm (6 in) split winding copper voice coil
30 - 1000 Hz response
96 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

Design

Nominal Diameter  530 mm (21 in)
Nominal Impedance  4 ohm
Minimum Impedance  4.2 ohm
Continuous Power Handling  4000 W
Nominal Power Handling (AES)  2000 W
Sensitivity (1W/1m)  96 dB
Frequency Range  30 - 1000 Hz
Voice Coil Diameter  153 mm (6 in)
Winding Material  Copper
Former Material  Glass Fibre
Magnet Material  Neodymium Ring
Winding Depth  30 mm (1.18 in)
Magnetic Gap Depth  12 mm (0.5 in)
Flux Density  1.2 T

Pole Design  T-Pole
Recommended Enclosure vol  190 dm³ (6.71 ft³)
Recommended tuning freq.  33 Hz

Fs  32 Hz
Re  3.4 ohm
Qes  0.31
Qms  7
Qts  0.3
Vas  200 dm³ (7 ft³)
Sd  1680 cm² (260.4 in²)
EtaZero  2.2 %
Xmax  +15 mm
Xvar  +16 mm
Mms  460 g
Bl  32.5 Tmx
Le  1.5 mH
EBP  103 Hz

Mounting & Shipping

Overall Diameter  547 mm (21.5 in)
Bolt Circle Diameter  527 mm (20.7 in)
Baffle Cutout Diameter  508 mm (20 in)
Depth  261 mm (10.3 in)
Flange and Gasket Thickness  0.63 mm (16 in)
Air volume occupied by driver  16 dm³ (0.56 ft³)
Net Weight  18.5 kg (40.7 lb)
Shipping Weight  20.9 kg (46 lb)
Shipping Box  590x590x300 mm (23.2x23.2x11.8 in)

Service kit  RCK21SW1524