

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

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

Design

Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Type	Neodymium Ring
Spider	Double Silicone

Design

Pole Design	T-Pole
Recommended Enclosure vol	190 dm ³ (6.71 ft ³)
Recommended tuning freq.	33 Hz

Parameters

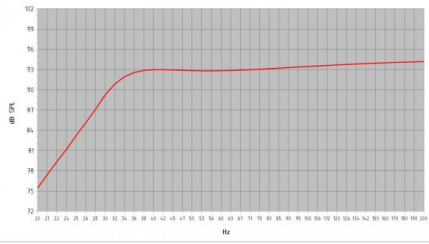
Fs	32 Hz
Re	3.4 ohm
Qes	0.31
Qms	7
Qts	0.3
Vas	200 dm ³ (7 ft ³)
Sd	1680 cm ² (260.4 in ²)
EtaZero	2.2 %
Xmax	+/- 15 mm
Xvar	+/- 16 mm
Mms	460 g
Bl	32.5 Txm
Le	1.5 mH
EBP	103 Hz

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 dm ³ (0.56 ft ³)
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
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Frequency Response (2 Vrms/1 m)



Model: **21 D09 152**
 Enclosure Type: **Basin Reflex**
 Internal Net Volume (Liters): **190** Port Area (cm²): **492.6**
 Tuning Frequency (Hz): **23** Port Length (cm): **41.6**
 Frequency (-3 dB) (Hz): **23.2**
 Enclosure Limited Maximum SPL at 1 meter (dB): **128.9** equal to **162.8** Watts (Based on Power Rating)
 Thermal Limited Maximum SPL at 1 meter (dB): **127.7** equal to **2000.0** Watts (Based on Power Rating)