

12CL64

LF Drivers Neo - 12.0 Inches

500 W continuous program power capacity
 64 mm (2.5 in) copper voice coil
 50 - 3000 Hz response
 98 dB sensitivity



Specifications

Nominal diameter	320 mm (12.0 in)
Nominal impedance	8 Ω
Minimum impedance	6.3 Ω
Nominal power handling	250 W
Continuous power handling	500 W
Sensitivity (1W/1m)	98.0 dB
Frequency range	50 - 3000 Hz
Voice coil diameter	64 mm (2.5 in)
Winding material	Copper
Former material	Glass Fibre
Winding depth	13 mm (0.51 in)
Magnetic gap depth	8 mm (0.31 in)
Flux density	1.15 T

Design

Surround shape	Double Roll
Cone shape	Exponential
Magnet material	Neodymium Inside Slug

Design

Spider	Single
Pole design	Straight Pole
Woofer cone treatment	WP Waterproof Front Side
Recommended enclosure	40.0 dm ³ (1.41 ft ³)
Recommended tuning	64 Hz

Parameters

Fs	52 Hz
Re	6 Ω
Qes	0.32
Qms	4.3
Qts	0.3
Vas	64.0 dm ³ (2.25 ft ³)
Sd	522.0 cm ² (80.9 in ²)
η _o	3.4 %
X _{max}	4.5 mm
X _{var}	6.0 mm
M _{ms}	55 g
Bl	17.5 Txm

Parameters

Le	1.1 mH
Ebp	162 Hz

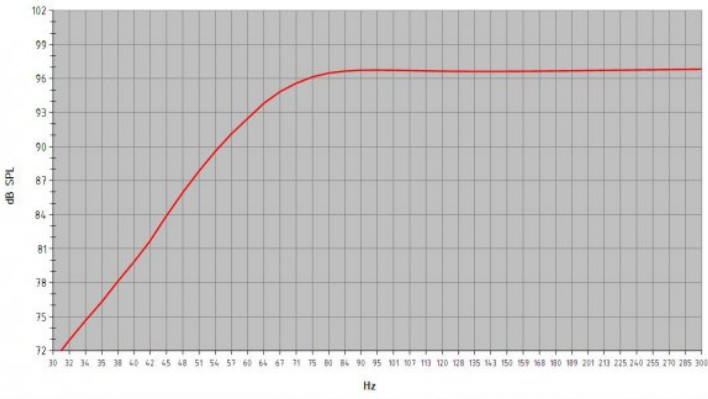
Mounting And Shipping Info

Overall diameter	313 mm (12.32 in)
Bolt circle diameter	299 mm (11.77 in)
Baffle cutout diameter	282.0 mm (11.1 in)
Depth	133 mm (5.24 in)
Flange and gasket thickness	9 mm (0.35 in)
Air volume occupied by driver	2.0 dm ³ (0.07 ft ³)
Net weight	1.9 kg (4.2 lb)
Shipping units	0
Shipping weight	2.4 kg (5.3 lb)
Shipping box	340x340x170 mm (13.4x13.4x6.7 in)

Other

Service kit	RCK12CL648
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Frequency Response (2,83 Vrms/1 m)



Model: **12 CL 64**
 Enclosure Type: **Bass Reflex**

Internal Net Volume (Liters): **40**
 Tuning Frequency (Hz): **64** Port Area (cm²): **138.7**
 Frequency (-3 dB) (Hz): **64.1** Port Length (cm): **13.8**

Excursion Limited Maximum SPL at 1 meter (dB): **119.4** equal to **222.7** Watts (Bass Band Power Rating)
 Thermal Limited Maximum SPL at 1 meter (dB): **119.9** equal to **250.0** Watts (Mid Band Power Rating)