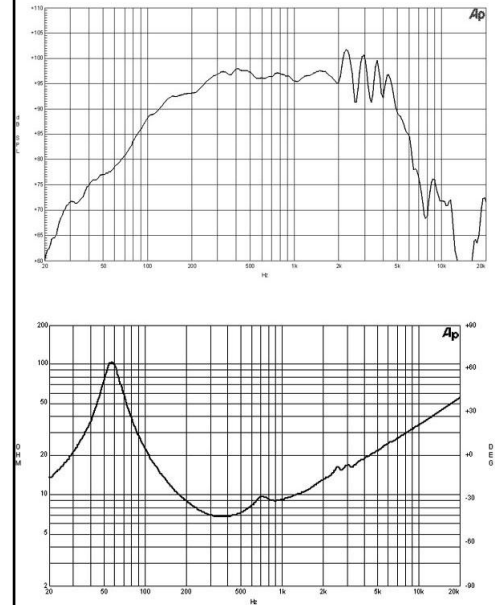




10NDL64

LF Drivers - 10 Inches

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

Neodymium magnet allows a very light yet powerful motor assembly
Ventilated voice coil gap for reduced power compression

Specification

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 ohm
Minimum Impedance	7 ohm
Continuous Power Handling	500 W
Nominal Power Handling (AES)	250 W
Sensitivity (1W/1m)	97 dB
Frequency Range	50 - 3000 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Magnet Material	Neodymium Inside Slug
Winding Depth	14 mm (0.55 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.25 T

Design

Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Type	Neodymium Inside Slug

Design

Spider	Single
Pole Design	Straight Pole
Recommended Enclosure vol	26 dm3 (0.92 ft3)
Recommended tuning freq.	62 Hz

Parameters

Fs	56 Hz
Re	5.7 ohm
Qes	0.29
Qms	3.4
Qts	0.26
Vas	31 dm3 (1.1 ft3)
Sd	320 cm2 (50 in2)
EtaZero	1.8 %
Xmax	+ - 6 mm
Xvar	+ - 7 mm
Mms	37 g
Bl	16.2 Txm
Le	0.9 mH

Parameters

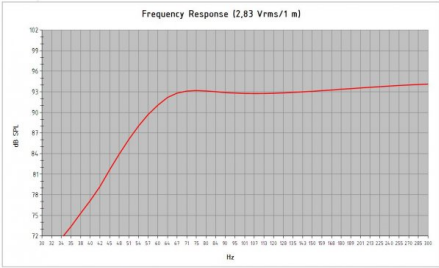
EBP	193 Hz
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Mounting & Shipping

Overall Diameter	261 mm (10.3 in)
Bolt Circle Diameter	245 mm (9.6 in)
Baffle Cutout Diameter	230 mm (8.8 in)
Depth	113 mm (4.4 in)
Flange and Gasket Thickness	13 mm (0.5 in)
Air volume occupied by driver	1.5 dm3 (0.05 ft3)
Net Weight	2.9 kg (6.4 lb)
Shipping Weight	3.5 kg (7.7 lb)
Shipping Box	330x330x160 mm (13x13x6.3 in)

Service kit

RCK10NDL648



Model: **NDCL 64**
Enclosure Type: **Base Reflex**

Internal Net Volume (L/bc):	26	Port Area (cm ²):	66.4
Tuning Frequency (Hz):	63	Port Area (cm ²):	66.4
Frequency (-3 dB) (Hz):	62.4	Port Length (cm):	12.7

Excursion Limited Maximum SPL at 1 meter (dB): **116.0** equal to **152.0** Watts (Base Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB): **118.2** equal to **200.0** Watts (Mid Band Power Rating)