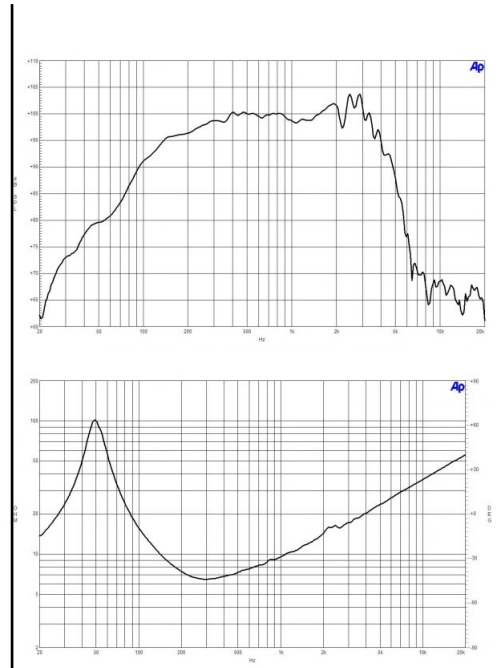




12NDL76

LF Drivers - 12 Inches

800 W continuous program power capacity
76 mm (3 in) aluminium voice coil
50 - 2000 Hz response
100 dB sensitivity

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



Specification

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.2 ohm
Continuous Power Handling	800 W
Nominal Power Handling (AES)	400 W
Sensitivity (1W/1m)	100 dB
Frequency Range	50 - 2000 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Magnet Material	Neodymium Inside Slug
Winding Depth	19 mm (0.75 in)
Magnetic Gap Depth	10 mm (0.4 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	42 dm3 (1.48 ft3)
Recommended tuning freq.	65 Hz

Parameters

Fs	50 Hz
Re	5.1 ohm
Qes	0.21
Qms	4.2
Qts	0.2
Vas	73 dm3 (2.5 ft3)
Sd	522 cm2 (80.9 in2)
EtaZero	4.3 %
Xmax	+/- 6.5 mm
Xvar	+/- 6.5 mm
Mms	53 g
Bl	20.1 Txm
Le	1 mH

Parameters

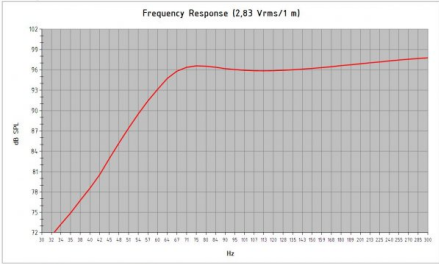
EBP	238 Hz
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Mounting & Shipping

Overall Diameter	315 mm (12.4 in)
Bolt Circle Diameter	298 mm (11.7 in)
Baffle Cutout Diameter	283 mm (11.1 in)
Depth	141 mm (5.5 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Air volume occupied by driver	2.5 dm3 (0.08 ft3)
Net Weight	3.9 kg (8.6 lb)
Shipping Weight	4.5 kg (9.9 lb)
Shipping Box	340x340x170 mm (13.4x13.4x6.7 in)

Service kit

RCK12NDL768



Model: **12 NDL 76**
Enclosure Type: **Pass Reflex**
Internal Net Volume (Liters): **42**
Tuning Frequency (Hz): **65** Port Area (cm²): **138.7**
Frequency (-3 dB) (Hz): **68.0** Port Length (cm): **11.9**
Excursion Limited Maximum SPL at 1 meter (dB): **121.1** equal to **246.4** Watts (Bass Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB): **123.8** equal to **400.0** Watts (Max Band Power Rating)