

# 12NDL76

## ND WOOFER



**800 W**  
continuous program  
power capacity

**76 mm (3 in)**  
aluminium voice coil

Neodymium magnet  
allows a very  
light yet powerful  
motor assembly

**100 dB**  
sensitivity

**50 - 2000 Hz**  
response

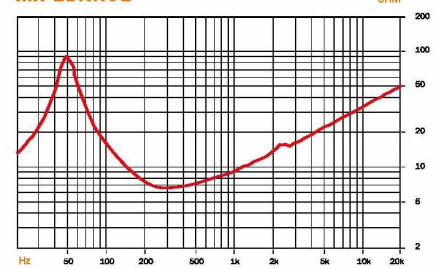
Ventilated voice  
coil gap for reduced  
power compression



### SENSITIVITY



### IMPEDANCE



### SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.2 Ω
Power Handling	
Nominal (AES) <sup>1</sup>	400 W
Continuous Program <sup>2</sup>	800 W
Sensitivity (1W/1m) <sup>3</sup>	100 dB
Frequency Range	50 - 2000 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	19 mm (0.75 in)
Magnetic Gap Depth	10 mm (0.4 in)
Flux Density	1.25 T
Magnet Material	Neodymium Inside Slug
Waterproof Cone Treatment	Both Sides

### THIELE & SMALL PARAMETERS<sup>4</sup>

Fs	50 Hz
Re	5.3 Ω
Qes	0.21
Qms	4.2
Qts	0.2
Vas	73 dm <sup>3</sup> (2.5 ft <sup>3</sup> )
Sd	522 cm <sup>2</sup> (80.9 in <sup>2</sup> )
η <sub>0</sub>	4.3 %
X max	± 7.0 mm
X var	± 6.5 mm
Mms	53 g
Bl	20.1 T·m
Le	1.0 mH
EBP	238 Hz

### MOUNTING AND SHIPPING INFORMATION

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 dm <sup>3</sup> (0.08 ft <sup>3</sup> )
Net Weight	3.9 kg (8.6 lb)
Shipping Weight	4.8 kg (10.58 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)
Service kit	RCK12NDL76-8

Also available in 4 and 16 Ω, data upon request

<sup>1</sup> Two hour test made with continuous pink noise signal (6 dB crest factor) within the specified range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.

<sup>2</sup> Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

<sup>3</sup> Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.

Average SPL from 300 to 3000 Hz.

<sup>4</sup> Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.