

# 14NDL76

## ND WOOFER



**1000 W**  
continuous program  
power capacity

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

Very light yet  
powerful motor  
assembly

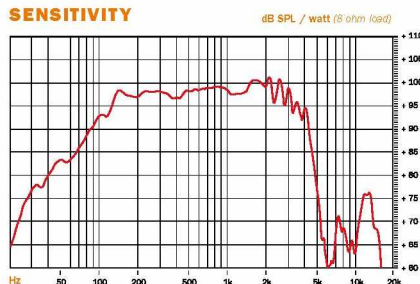
**99 dB**  
sensitivity

**40 - 3000 Hz**  
response

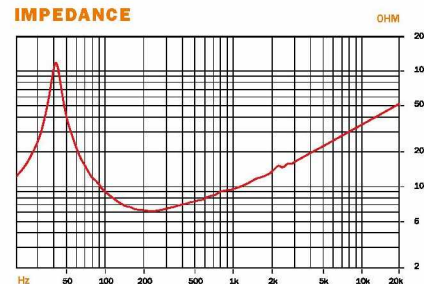
Aluminium  
demodulating ring  
for very low distortion



### SENSITIVITY



### IMPEDANCE



### SPECIFICATIONS

Nominal Diameter	359 mm (14 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.1 Ω
Power Handling	
Nominal (AES) <sup>1</sup>	500 W
Continuous Program <sup>2</sup>	1000 W
Sensitivity (1W/1m) <sup>3</sup>	99 dB
Frequency Range	40 - 3000 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	21 mm (0.83 in)
Magnetic Gap Depth	10 mm (0.4 in)
Flux Density	1.15 T
Magnet Material	Neodymium Inside Slug
Waterproof Cone Treatment	Front Side

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

Fs	41 Hz
Re	5 Ω
Qes	0.31
Qms	8.2
Qts	0.3
Vas	123 dm <sup>3</sup> (4.34 ft <sup>3</sup> )
Sd	707 cm <sup>2</sup> (109.59 in <sup>2</sup> )
η <sub>0</sub>	2.7 %
X max	± 8 mm
X var	± 9.5 mm
Mms	85 g
Bl	19 T·m
Le	1.1 mH
EBP	132 Hz

### MOUNTING AND SHIPPING INFORMATION

Overall Diameter	359 mm (14.1 in)
Bolt Circle Diameter	343 mm (13.5 in)
Baffle Cutout Diameter	323 mm (12.7 in)
Depth	161 mm (6.34 in)
Flange and Gasket Thickness	12 mm (0.47 in)
Air volume occupied by driver	3 dm <sup>3</sup> (0.11 ft <sup>3</sup> )
Net Weight	4.5 kg (9.92 lb)
Shipping Weight	5.8 kg (12.79 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)
Service kit	RCK14NDL76-8

<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.

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