

# 15NDL76

## ND WOOFER



**1000 W**  
continuous program  
power capacity

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

Neodymium magnet  
allows a very  
light yet powerful  
motor assembly

**99.5 dB**  
sensitivity

**40 - 2000 Hz**  
response

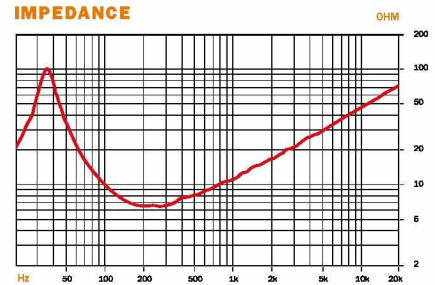
Ventilated voice  
coil gap for reduced  
power compression



### SENSITIVITY



### IMPEDANCE



### SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.7 Ω
Power Handling	
Nominal (AES) <sup>1</sup>	500 W
Continuous Program <sup>2</sup>	1000 W
Sensitivity (1W/1m) <sup>3</sup>	99.5 dB
Frequency Range	40 - 2000 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	18 mm (0.68 in)
Magnetic Gap Depth	10.5 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	37 Hz
Re	5.3 Ω
Qes	0.24
Qms	4.5
Qts	0.22
Vas	195 dm <sup>3</sup> (6.8 ft <sup>3</sup> )
Sd	855 cm <sup>2</sup> (132.5 in <sup>2</sup> )
η <sub>0</sub>	4.1 %
X max	± 7 mm
X var	± 9 mm
Mms	96 g
Bl	22.5 T·m
Le	1.5 mH
EBP	154 Hz

### MOUNTING AND SHIPPING INFORMATION

Overall Diameter	393 mm (15.5 in)
Bolt Circle Diameter	374 mm (14.7 in)
Baffle Cutout Diameter	354 mm (13.9 in)
Depth	171 mm (6.7 in)
Flange and Gasket Thickness	16 mm (0.63 in)
Air volume occupied by driver	3.5 dm <sup>3</sup> (0.12 ft <sup>3</sup> )
Net Weight	4.6 kg (10.1 lb)
Shipping Weight	5.9 kg (13 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)
Service kit	RCK15NDL76-8

<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.

Average SPL from 200 to 2000 Hz.

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