

# 15NDL88

## ND WOOFER



**1400 W**  
continuous program  
power capacity

**88 mm (3.5 in)**  
aluminium voice coil

**99 dB**  
sensitivity

**45 - 3000 Hz**  
response

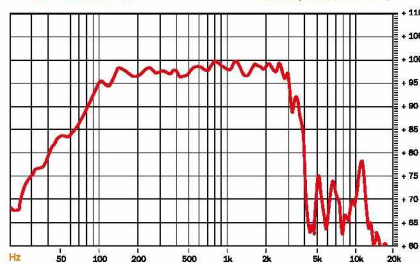
Double silicone spider with optimized compliance

Aluminium demodulating ring for very low distortion

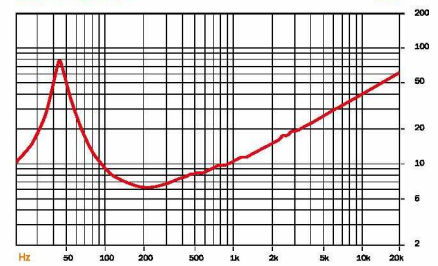
Neodymium magnet allows a very light yet powerful motor assembly



**SENSITIVITY**



**IMPEDANCE**



**SPECIFICATIONS**

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6 Ω
Power Handling	
Nominal (AES) <sup>1</sup>	700 W
Continuous Program <sup>2</sup>	1400 W
Sensitivity (1W/1m) <sup>3</sup>	99 dB
Frequency Range	45 - 3000 Hz
Voice Coil Diameter	88 mm (3.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	21 mm (0.85 in)
Magnetic Gap Depth	10 mm (0.39 in)
Flux Density	1.15 T
Magnet Material	Neodymium Inside Slug
Waterproof Cone Treatment	Front Side

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

Fs	45 Hz
Re	5 Ω
Qes	0.36
Qms	6.1
Qts	0.34
Vas	126 dm <sup>3</sup> (4.45 ft <sup>3</sup> )
Sd	855 cm <sup>2</sup> (132.5 in <sup>2</sup> )
η <sub>0</sub>	3.1 %
X max	± 8 mm
X var	± 10 mm
Mms	102 g
Bl	20.1 T·m
Le	1.25 mH
EBP	125 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	177 mm (6.97 in)
Flange and Gasket Thickness	13 mm (0.51 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 **RCK15NDL88-8**

<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.

Also available in 4 and 16 Ω, data upon request