

# 6NDL38

## ND WOOFER



**300 W**  
continuous program  
power capacity

**38 mm (1.5 in)**  
copper voice coil

Neodymium magnet  
allows a very  
light yet powerful  
motor assembly

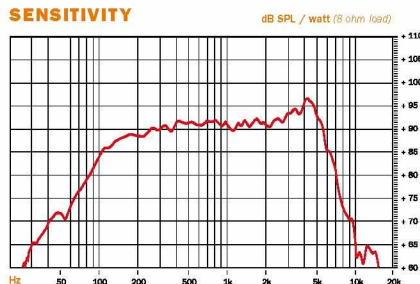
**92 dB**  
sensitivity

**70 - 6000 Hz**  
response

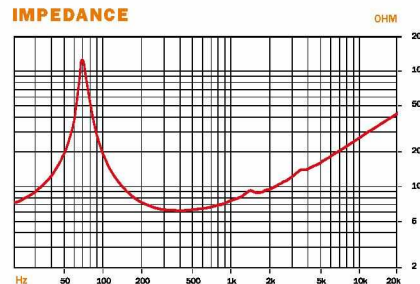
Aluminium  
demodulating  
ring allows a very  
low distortion



### SENSITIVITY



### IMPEDANCE



### SPECIFICATIONS

Nominal Diameter	170 mm (6.5 in)
Nominal Impedance	8 Ω
Minimum Impedance	6 Ω
Power Handling	
Nominal (AES) <sup>1</sup>	150 W
Continuous Program <sup>2</sup>	300 W
Sensitivity (1W/1m) <sup>3</sup>	92 dB
Frequency Range	70 - 6000 Hz
Voice Coil Diameter	38 mm (1.5 in)
Winding Material	Copper
Former Material	Kapton
Winding Depth	12 mm (0.5 in)
Magnetic Gap Depth	6 mm (0.25 in)
Flux Density	1.15 T
Magnet Material	Neodymium Ring
Waterproof Cone Treatment	Front Side

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

Fs	72 Hz
Re	5.2 Ω
Qes	0.44
Qms	11.5
Qts	0.42
Vas	7 dm <sup>3</sup> (0.25 ft <sup>3</sup> )
Sd	132 cm <sup>2</sup> (20.5 in <sup>2</sup> )
η <sub>0</sub>	0.6 %
X max	± 6 mm
X var	± 5.5 mm
Mms	17 g
Bl	9.5 T·m
Le	0.6 mH
EBP	163 Hz

### MOUNTING AND SHIPPING INFORMATION

Overall Diameter	187 mm (7.4 in)
Bolt Circle Diameter	172 mm (6.7 in)
Baffle Cutout Diameter	145 mm (5.7 in)
Depth	85 mm (3.3 in)
Flange and Gasket Thickness	11 mm (0.4 in)
Air volume occupied by driver	0.63 dm <sup>3</sup> (0.02 ft <sup>3</sup> )
Net Weight	1.2 kg (2.6 lb)
Shipping Weight	1.45 kg (3.2 lb)
Shipping Box	210x210x125 mm (8.27x8.27x4.92 in)

Service kit **RCK06NDL38-8**

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 500 to 5000 Hz.

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