

15NW76

ND WOOFER



1200 W
continuous program
power capacity

76 mm (3 in)
aluminium voice coil

100.5 dB
sensitivity

40 - 2000 Hz
response

Aluminium demodulating ring for very low distortion

Neodymium ring magnet allows a very high force factor and linear excursion

Double silicone spider with optimized compliance

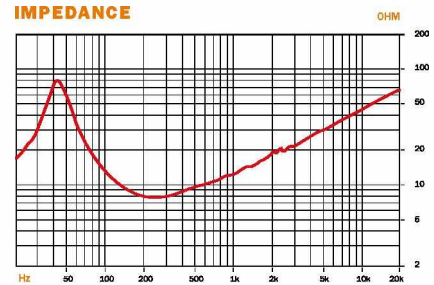
Ventilated voice coil gap for reduced power compression



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.9 Ω
Power Handling	
Nominal (AES) ¹	600 W
Continuous Program ²	1200 W
Sensitivity (1W/1m) ³	100.5 dB
Frequency Range	40 - 2000 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	19 mm (0.75 in)
Magnetic Gap Depth	11 mm (0.43 in)
Flux Density	1.3 T
Magnet Material	Neodymium Ring
Waterproof Cone Treatment	Both Sides

THIELE & SMALL PARAMETERS⁴

Fs	42 Hz
Re	5.3 Ω
Qes	0.23
Qms	4.3
Qts	0.22
Vas	130 dm ³ (4.5 ft ³)
Sd	855 cm ² (132.5 in ²)
η _o	4.4 %
X max	± 8 mm
X var	± 10 mm
Mms	104 g
Bl	25.5 T·m
Le	1.25 mH
EBP	182 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 (7.0 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Air volume occupied by driver	3.7 dm ³ (0.13 ft ³)
Net Weight	5.6 kg (12.3 lb)
Shipping Weight	7 kg (15.4 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)
Service kit	RCK15NW76-8

Also available in 4 and 16 Ω, data upon request

¹ 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.

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

³ Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.

Average SPL from 200 to 2000 Hz.

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