B&C SPEAKERS®

ND LF DRIVERS

18NBX100

ND SUBWOOFER

2400 W
continuous program power capacity

100 mm (4 in)
split winding copper voice coil

Double silicone spider with optimized compliance

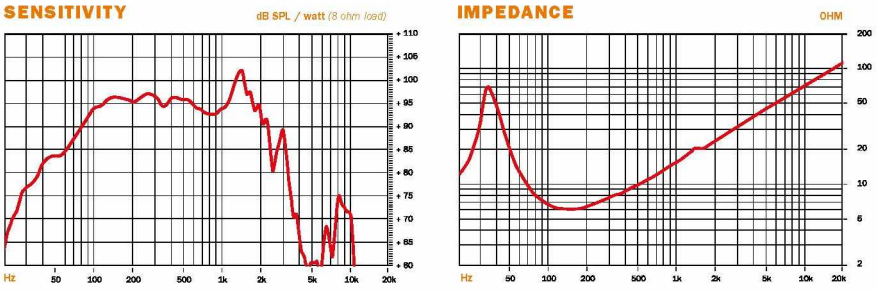
Ventilated voice coil gap for reduced power compression

Aluminium demodulating ring for very low distortion

96.5 dB
sensitivity

35 - 1000 Hz
response

57 mm
peak-to-peak excursion before damage



SPECIFICATIONS

Nominal Diameter	460 mm (18 in)
Nominal Impedance	8 Ω
Minimum Impedance	6 Ω
Power Handling	
Nominal (AES)[1]	1200 W
Continuous Program[2]	2400 W
Sensitivity (1W/1m)[3]	96.5 dB
Frequency Range	35 - 1000 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	25 mm (1 in)
Magnetic Gap Depth	11 mm (0.43 in)
Flux Density	1.1 T
Magnet Material	Neodymium Ring
Waterproof Cone Treatment	Both Sides

Also available in 4 Ω, data upon request

THIELE & SMALL PARAMETERS[4]

Fs	35 Hz
Re	5.2 Ω
Qes	0.4
Qms	5.6
Qts	0.38
Vas	198 dm³ (7 ft³)
Sd	1210 cm² (187.6 in²)
η_0	2 %
X max	± 10 mm
X var	± 12 mm
Mms	217 g
Bl	24.8 T·m
Le	1.85 mH
EBP	87 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	460 mm (18 in)
Bolt Circle Diameter	440 mm (17.3 in)
Baffle Cutout Diameter	422 mm (16.6 in)
Depth	208 mm (8.19 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Air volume occupied by driver	8.5 dm³ (0.03 ft³)
Net Weight	9.3 kg (20.5 lb)
Shipping Weight	10.9 kg (24.03 lb)
Shipping Box	500x495x275 mm (19.68x19.48x10.83 in)
Service kit	RCK18NBX100-8

[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 100 to 500 Hz.

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