

18RBX100

FE SUBWOOFER



2000 W
continuous program
power capacity

100 mm (4 in)
copper voice coil

Aluminium
demodulating ring
for very low distortion

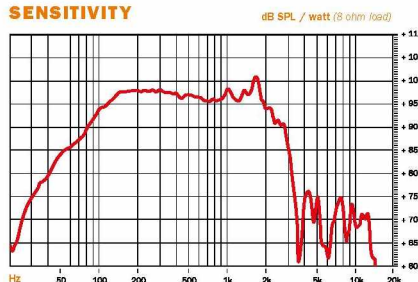
97 dB
sensitivity

35 - 1000 Hz
response

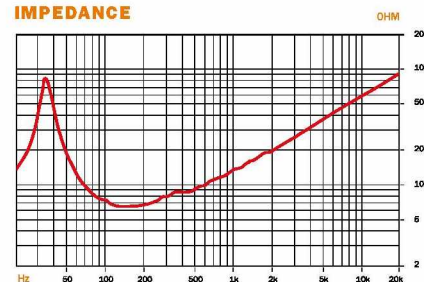
Double silicone
spider with
optimized
compliance



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	460 mm (18 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.2 Ω
Power Handling	
Nominal (AES) ¹	1000 W
Continuous Program ²	2000 W
Sensitivity (1W/1m) ³	97 dB
Frequency Range	35 - 1000 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	25 mm (1.0 in)
Magnetic Gap Depth	11 mm (0.43 in)
Flux Density	1.1 T
Magnet Material	Ferrite Ring
Waterproof Cone Treatment	Both Sides

THIELE & SMALL PARAMETERS⁴

Fs	40 Hz
Re	5.1 Ω
Qes	0.36
Qms	7.3
Qts	0.34
Vas	220 dm ³ (7.77 ft ³)
Sd	1225 cm ² (189.88 in ²)
η ₀	2.2 %
X max	± 10 mm
X var	± 13 mm
Mms	199 g
Bl	25.1 T·m
Le	1.5 mH
EBP	111 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	460 mm (18.11 in)
Bolt Circle Diameter	440 mm (17.32 in)
Baffle Cutout Diameter	422 mm (16.61 in)
Depth	200 mm (7.87 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Air volume occupied by driver	10.5 dm ³ (0.37 ft ³)
Net Weight	12.3 kg (27.12 lb)
Shipping Weight	13.9 kg (30.64 lb)
Shipping Box	500x495x275 mm (19.68x19.48x10.83 in)

Service kit **RCK18RBX100-8**

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.

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

Also available in 4 Ω, data upon request