

15RBX100

FE SUBWOOFER



2000 W
continuous program
power capacity

100 mm (4 in)
copper voice coil

Aluminium
demodulating ring
for very low distortion

95 dB
sensitivity

40 - 3000 Hz
response

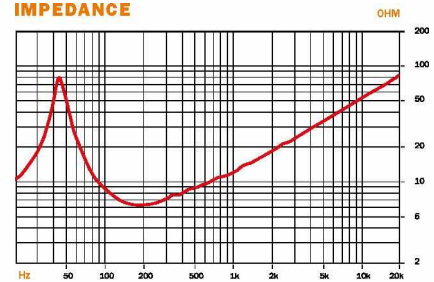
Double silicone spider
with optimized
compliance



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.4 Ω
Power Handling	
Nominal (AES) ¹	1000 W
Continuous Program ²	2000 W
Sensitivity (1W/1m) ³	95 dB
Frequency Range	40 - 3000 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	Ferrite Ring
Waterproof Cone Treatment	Both Sides

THIELE & SMALL PARAMETERS⁴

Fs	44 Hz
Re	5.3 Ω
Qes	0.4
Qms	5.65
Qts	0.38
Vas	100 dm ³ (3.53 ft ³)
Sd	908 cm ² (140.74 in ²)
η _o	2.0 %
X max	± 9 mm
X var	± 10 mm
Mms	154 g
Bl	24.0 T·m
Le	1.2 mH
EBP	110 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	173 mm (6.8 in)
Flange and Gasket Thickness	16 mm (0.63 in)
Air volume occupied by driver	5.0 dm ³ (0.18 ft ³)
Net Weight	11.7 kg (25.8 lb)
Shipping Weight	13 kg (28.66 lb)
Shipping Box	425x4 25x224 mm (16.73x16.73x8.86 in)
Service kit	RCK15RBX100-8

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