

15SW100

ND SUBWOOFER



3000 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

95 dB
sensitivity

40 - 1500 Hz
response

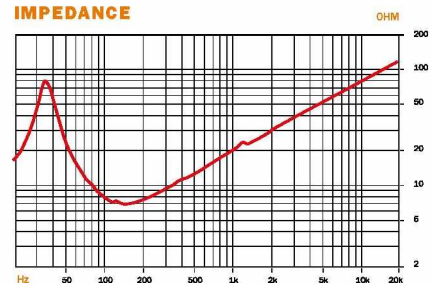
57 mm
peak-to-peak excursion
before damage



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Power Handling	
Nominal (AES) ¹	1500 W
Continuous Program ²	3000 W
Sensitivity (1W/1m) ³	95 dB
Frequency Range	40 - 1500 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	32 mm (1.26 in)
Magnetic Gap Depth	16 mm (0.63 in)
Flux Density	1.15 T
Magnet Material	Neodymium Inside Slug
Waterproof Cone Treatment	Both Sides

THIELE & SMALL PARAMETERS⁴

Fs	37 Hz
Re	5.4 Ω
Qes	0.34
Qms	4.8
Qts	0.31
Vas	110 dm ³ (3.9 ft ³)
Sd	855 cm ² (132.5 in ²)
η ₀	1.6 %
X max	± 12.5 mm
X var	± 13 mm
Mms	176 g
Bl	25.6 T·m
Le	2.2 mH
EBP	108 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	393 mm (15.5 in)
Bolt Circle Diameter	374 mm (14.7 in)
Baffle Cutout Diameter	353 mm (13.9 in)
Depth	190 mm (7.5 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Air volume occupied by driver	6 dm ³ (0.21 ft ³)
Net Weight	9.5 kg (21 lb)
Shipping Weight	10.8 kg (23.81 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)

Service kit **RCK15SW100-8**

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 1000 Hz.

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

Also available in 4 Ω, data upon request