

15SW115

ND SUBWOOFER



3400 W
continuous program
power capacity

116 mm (4.5 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 dB
sensitivity

35 - 1500 Hz
response

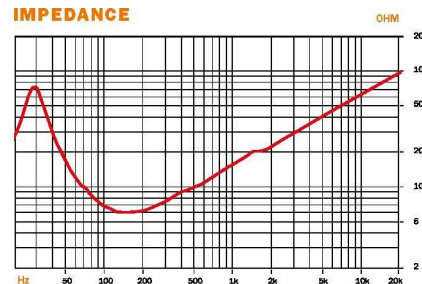
60 mm
peak-to-peak excursion
before damage



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Power Handling	
Nominal (AES) ¹	1700 W
Continuous Program ²	3400 W
Sensitivity (1W/1m) ³	96 dB
Frequency Range	35 - 1500 Hz
Voice Coil Diameter	116 mm (4.5 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	34 mm (1.33 in)
Magnetic Gap Depth	14 mm (0.55 in)
Flux Density	1.15 T
Magnet Material	Neodymium Inside Slug
Waterproof Cone Treatment	Both Sides

THIELE & SMALL PARAMETERS⁴

Fs	35 Hz
Re	5.2 Ω
Qes	0.25
Qms	4.4
Qts	0.24
Vas	110 dm ³ (3.9 ft ³)
Sd	855 cm ² (132.5 in ²)
η ₀	1.8 %
X max	± 13.5 mm
X var	± 13 mm
Mms	200 g
Bl	30 T·m
Le	1.8 mH
EBP	140 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	393 mm (15.5 in)
Bolt Circle Diameter	374 mm (16.7 in)
Baffle Cutout Diameter	353 mm (13.9 in)
Depth	193 mm (7.6 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Air volume occupied by driver	7 dm ³ (0.25 ft ³)
Net Weight	12 kg (26.4 lb)
Shipping Weight	13.3 kg (29.32 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)
Service kit	RCK15SW115-8

Also available in 4 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 100 to 1000 Hz.

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