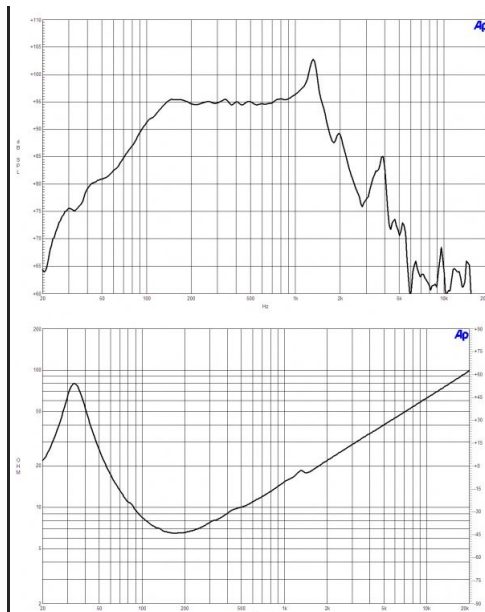




15SW115

LF Drivers - 15.0 Inches

3400 W continuous program power capacity
116 mm (4.5 in) split winding copper voice coil
35 - 1500 Hz response
96 dB sensitivity
Double silicone spider with optimized compliance
60 mm peak-to-peak excursion before damage
Ventilated voice coil gap for reduced power compression
Aluminium demodulating ring for very low distortion



Specifications

Nominal diameter	380 mm (15.0 in)
Nominal impedance	8 Ω
Minimum impedance	6.5 Ω
Nominal power handling ¹	1700 W
Continuous power handling ²	3400 W
Sensitivity (1W/1m) ³	96.0 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

Design

Surround shape	Triple Roll
Cone shape	Radial
Magnet material	Neodymium Inside Slug

Design

Spider	Double Silicone
Pole design	T-Pole
Woofer cone treatment	TWP Waterproof Both Sides
Recommended enclosure	90.0 dm ³ (3.2 ft ³)
Recommended tuning	40 Hz

Parameters⁴

Fs	35 Hz
Re	5.2 Ω
Qes	0.25
Qms	4.4
Qts	0.24
Vas	110.0 dm ³ (3.9 ft ³)
Sd	855.0 cm ² (132.5 in ²)
η_0	1.8 %
Xmax	13.5 mm
Xvar	13.0 mm
Mms	200 g
Bl	30.0 Txm

Parameters

Le	1.8 mH
EBP	140 Hz

Mounting And Shipping Info

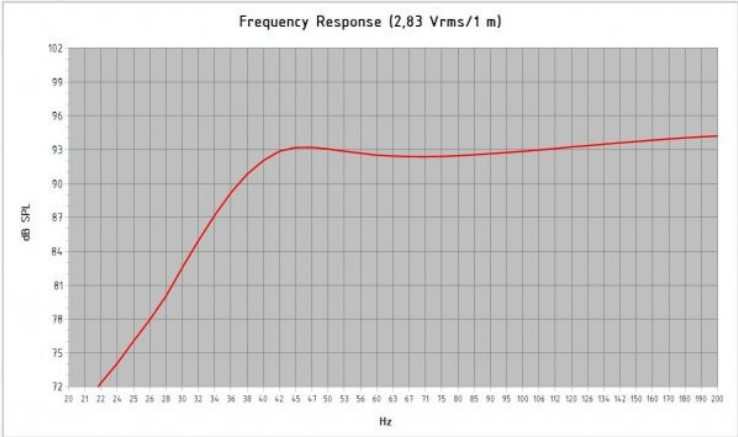
Overall diameter	393 mm (15.5 in)
Bolt circle diameter	374 mm (16.7 in)
Baffle cutout diameter	353.0 mm (13.9 in)
Depth	193 mm (7.6 in)
Flange and gasket thickness	16 mm (0.63 in)
Air volume occupied by driver	7.0 dm ³ (0.25 ft ³)
Net weight	12.0 kg (26.4 lb)
Shipping units	1
Shipping weight	13.9 kg (30.6 lb)
Shipping box	420x420x200 mm (16.5x16.5x7.9 in)

Service Kit

RCK15SW1158

1. 2 hours test made with continuous pink noise signal (6 dB crest factor) within the 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.



Model:	15 SIW 115		
Enclosure Type:	Bass Reflex		
Internal Net Volume (Liters):	90		
Tuning Frequency (Hz):	40	Port Area (cm²):	222.3
Frequency (-3 dB) (Hz):	40.1	Port Length (cm):	31.8
Excursion Limited Maximum SPL at 1 meter (dB):	122.6	equal to	695.2 Watts (Bass Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB):	126.0	equal to	1500.0 Watts (Mid Band Power Rating)