

15FW76

FE WOOFER



1000 W
continuous program
power capacity

76 mm (3 in)
copper voice coil

Aluminium
demodulating ring
for very low distortion

100 dB
sensitivity

40 - 2000 Hz
response

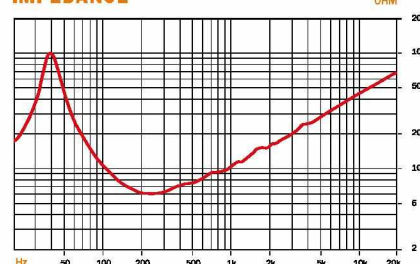
Double silicone
spider and ventilated
voice coil gap



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.4 Ω
Power Handling	
Nominal (AES) ¹	500 W
Continuous program ²	1000 W
Sensitivity (1W/1m) ³	100 dB
Frequency Range	40 - 2000 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	19 mm (0.75 in)
Magnetic Gap Depth	11 mm (0.43 in)
Flux Density	1.25 T
Magnet Material	Ferrite Ring
Waterproof Cone Treatment	Front Side

THIELE & SMALL PARAMETERS⁴

Fs	40 Hz
Re	5.1 Ω
Qes	0.22
Qms	5.1
Qts	0.21
Vas	138 dm ³ (4.9 ft ³)
Sd	855 cm ² (132.5 in ²)
η ₀	3.9 %
X max	± 7 mm
X var	± 8 mm
Mms	117 g
Bl	26.2 T·m
Le	1.4 mH
EBP	181 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	177 mm (6.97 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Air volume occupied by driver	5.5 dm ³ (0.19 ft ³)
Net Weight	9.2 kg (20.2 lb)
Shipping Weight	10.5 kg (23.15 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)
Service kit	RCK15FW76-8

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 200 to 2000 Hz.

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

Also available in 4 and 16 Ω, data upon request