

15PLB76

FE WOOFER



800 W
continuous program
power capacity

76 mm (3 in)
copper voice coil

100 dB
sensitivity

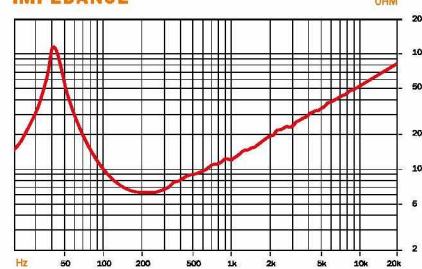
40 - 2000 Hz
response



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.2 Ω
Power Handling	
Nominal (AES) ¹	400 W
Continuous Program ²	800 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	16 mm (0.62 in)
Magnetic Gap Depth	11 mm (0.4 in)
Flux Density	1.15 T
Magnet Material	Ferrite Ring
Waterproof Cone Treatment	Both Sides

THIELE & SMALL PARAMETERS⁴

Fs	42 Hz
Re	5.0 Ω
Qes	0.26
Qms	5.9
Qts	0.25
Vas	164 dm ³ (5.8 ft ³)
Sd	855 cm ² (132.5 in ²)
η _o	4.5 %
X max	± 5 mm
X var	± 8 mm
Mms	88 g
Bl	22.1 T·m
Le	1.3 mH
EBP	161 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	169 mm (6.65 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Air volume occupied by driver	5.2 dm ³ (0.18 ft ³)
Net Weight	8.5 kg (18.7 lb)
Shipping Weight	9.8 kg (21.61 in)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)
Service kit	RCK15PBL76-8

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 200 to 2000 Hz.

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