

12FW76

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

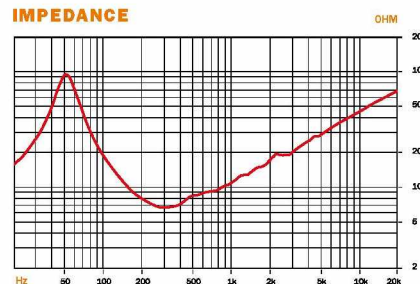
55 - 3000 Hz
response



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.8 Ω
Power Handling	
Nominal (AES) ²	500 W
Continuous program ²	1000 W
Sensitivity (1W/1m) ³	100 dB
Frequency Range	55 - 3000 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	1.35 T
Magnet Material	Ferrite Ring
Waterproof Cone Treatment	Front Side

THIELE & SMALL PARAMETERS⁴

Fs	54 Hz
Re	5.1 Ω
Qes	0.18
Qms	3.8
Qts	0.18
Vas	45 dm ³ (1.6 ft ³)
Sd	522 cm ² (80.9 in ²)
η ₀	3.7 %
X max	± 7 mm
X var	± 10 mm
Mms	75 g
Bl	26.4 T·m
Le	1.4 mH
EBP	300 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	315 mm (12.4 in)
Bolt Circle Diameter	298 mm (11.7 in)
Baffle Cutout Diameter	283 mm (11.1 in)
Depth	147 mm (5.79 in)
Flange and Gasket Thickness	12 mm (0.47 in)
Air volume occupied by driver	3 dm ³ (0.10 ft ³)
Net Weight	8.5 kg (18.7 lb)
Shipping Weight	9.2 kg (20.28 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)
Service kit	RCK012FW76-8

Also available in 4 and 16 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 4000 Hz.

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