

12FW64

FE WOOFER



500 W
continuous program
power capacity

64 mm (2.5 in)
aluminium voice coil

98 dB
sensitivity

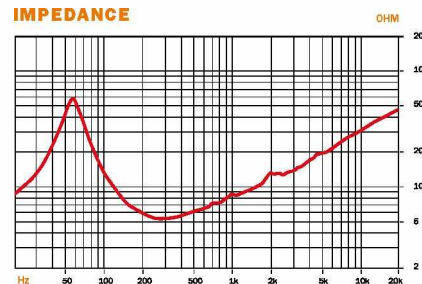
55 - 3000 Hz
response



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.7 Ω
Power Handling	
Nominal (AES) ¹	250 W
Continuous Program ²	500 W
Sensitivity (1W/1m) ³	98 dB
Frequency Range	55 - 3000 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	14 mm (0.55 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.3 T
Magnet Material	Ferrite Ring
Waterproof Cone Treatment	Front Side

THIELE & SMALL PARAMETERS⁴

Fs	55 Hz
Re	5.2 Ω
Qes	0.32
Qms	3.5
Qts	0.29
Vas	64 dm ³ (2.26 ft ³)
Sd	522 cm ² (80.9 in ²)
η ₀	3.6 %
X max	± 5 mm
X var	± 5 mm
Mms	47 g
Bl	15.5 T·m
Le	1 mH
EBP	171 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	136 mm (5.35 in)
Flange and Gasket Thickness	13 mm (0.51 in)
Air volume occupied by driver	3 dm ³ (0.10 ft ³)
Net Weight	5.6 kg (12.3 lb)
Shipping Weight	6.5 kg (14.33 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)
Service kit	RCK12FW64-8

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.