

8FG64

FE WOOFER



600 W
continuous program
power capacity

64 mm (2.5 in)
copper voice coil

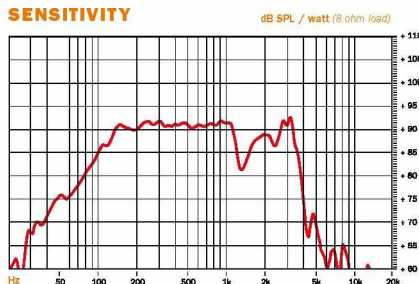
Aluminium
demodulating ring
for very low distortion

92 dB
sensitivity

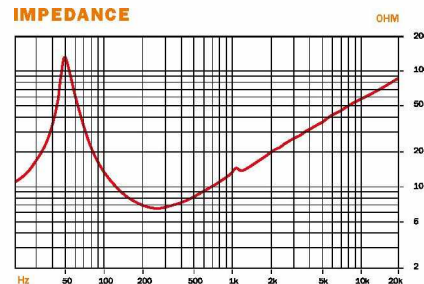
50 - 3000 Hz
response



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.7 Ω
Power Handling	
Nominal (AES) ¹	300 W
Continuous Program ²	600 W
Sensitivity (1W/1m) ³	92 dB
Frequency Range	50 - 3000 Hz
Voice Coil Diameter	64 mm (2.52 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	19 mm (0.75 in)
Magnetic Gap Depth	10 mm (0.39 in)
Flux Density	0.9 T
Magnet Material	Ferrite Ring
Waterproof Cone Treatment	Front Side

THIELE & SMALL PARAMETERS⁴

Fs	51 Hz
Re	5.8 Ω
Qes	0.32
Qms	10.1
Qts	0.31
Vas	15 dm ³ (0.53 ft ³)
Sd	220 cm ² (34.1 in ²)
η ₀	0.7%
X max	± 7 mm
X var	± 8 mm
Mms	41 g
Bl	15.8 T·m
Le	1.7 mH
EBP	159 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	225 mm (8.86 in)
Bolt Circle Diameter	210 mm (8.3 in)
Baffle Cutout Diameter	187 mm (7.4 in)
Depth	100 mm (3.94 in)
Flange and Gasket Thickness	9 mm (0.37 in)
Air volume occupied by driver	1.5 dm ³ (0.05 ft ³)
Net Weight	4.5 kg (9.92 lb)
Shipping Weight	4.9 kg (10.8 lb)
Shipping Box	255x255x150 mm (10.04x10.04x5.90 in)
Service kit	RCK008FG64-8

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.

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

Also available in 16 Ω, data upon request