

5FG44

FE WOOFER



200 W
continuous program
power capacity

44 mm (1.7 in)
aluminium voice coil

92 dB
sensitivity

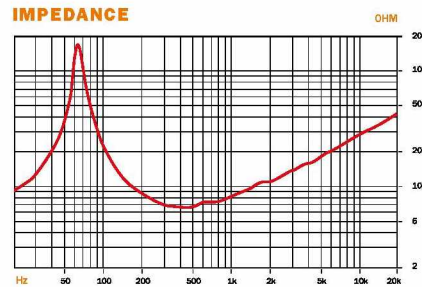
63 - 6000 Hz
response



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	127 mm (5 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Power Handling	
Nominal (AES) ¹	100 W
Continuous Program ²	200 W
Sensitivity (1W/1m) ³	92 dB
Frequency Range	63 - 6000 Hz
Voice Coil Diameter	44 mm (1.7 in)
Winding Material	Copper
Former Material	Kapton
Winding Depth	9 mm (0.35 in)
Magnetic Gap Depth	6 mm (0.25 in)
Flux Density	1.1 T
Magnet Material	Ferrite Ring
Waterproof Cone Treatment	Front Side

THIELE & SMALL PARAMETERS⁴

Fs	63 Hz
Re	5.8 Ω
Qes	0.3
Qms	10
Qts	0.27
Vas	6.3 dm ³ (0.22 ft ³)
Sd	95 cm ² (14.7 in ²)
η _o	0.55%
X max	± 3 mm
X var	± 5 mm
Mms	12.4 g
Bl	10 T·m
Le	0.8 mH
EBP	210 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	135 mm (5.31 in)
Bolt Circle Diameter	142 mm (5.6 in)
Baffle Cutout Diameter	122 mm (4.8 in)
Depth	77 mm (3 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Air volume occupied by driver	0.5 dm ³ (0.02 ft ³)
Net Weight	1.6 kg (3.52 lb)
Shipping Weight	1.85 kg (4.1 lb)
Shipping Box	210x210x125 mm (8.27x8.27x4.92 in)
Service kit	RCK005FG44-8

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 4000 Hz.

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