

## 8FG64

### LF Drivers - 8.0 Inches

600 W continuous program power capacity  
64 mm (2.5 in) copper voice coil  
50 - 3000 Hz response  
92 dB sensitivity  
Aluminium demodulating ring allows a very low distortion figure



#### Specifications

Nominal diameter	200 mm (8.0 in)
Nominal impedance	8 $\Omega$
Minimum impedance	6.7 $\Omega$
Nominal power handling <sup>1</sup>	300 W
Continuous power handling <sup>2</sup>	600 W
Sensitivity (1W/1m) <sup>3</sup>	92.0 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

#### Design

Surround shape	Roll
Cone shape	Radial
Magnet material	Ceramic

#### Design

Spider	Single
Pole design	T-Pole
Woofer cone treatment	WP Waterproof Front Side
Recommended enclosure	16.0 dm <sup>3</sup> (0.57 ft <sup>3</sup> )
Recommended tuning	50 Hz

#### Parameters<sup>4</sup>

Fs	51 Hz
Re	5.8 $\Omega$
Qes	0.32
Qms	10.1
Qts	0.31
Vas	15.0 dm <sup>3</sup> (0.53 ft <sup>3</sup> )
Sd	220.0 cm <sup>2</sup> (34.1 in <sup>2</sup> )
$\eta_0$	0.7 %
Xmax	7.0 mm
Xvar	8.0 mm
Mms	41 g
Bl	15.8 Txm

#### Parameters

Le	1.7 mH
EBP	159 Hz

#### Mounting And Shipping Info

Overall diameter	225 mm (8.86 in)
Bolt circle diameter	210 mm (8.3 in)
Baffle cutout diameter	187.0 mm (7.4 in)
Depth	110 mm (4.33 in)
Flange and gasket thickness	9 mm (0.37 in)
Air volume occupied by driver	1.5 dm <sup>3</sup> (0.05 ft <sup>3</sup> )
Net weight	4.5 kg (9.92 lb)
Shipping units	1
Shipping weight	4.9 kg (10.8 lb)
Shipping box	300x160x180 mm (11.81x6.30x7.09 in)

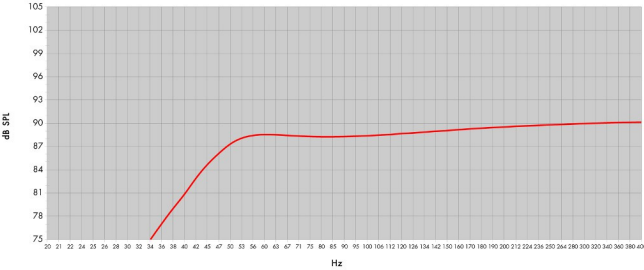
#### Service Kit

RCK008FG648
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1. 2 hours test made with continuous pink noise signal (6 dB crest factor) within the 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.

Frequency Response (1W/1m)



Model:	8FG64		
Enclosure Type:	Bass Reflex	Configuration:	One Driver
Internal Net Volume (Litres):	16	Q8:	7
Tuning Frequency (Hz):	50	Port Area (cm²):	30,0
Frequency (-3 dB) (Hz):	50,4	Port Length (cm):	17,2
Frequency (-10 dB) (Hz):	39,5		