

## 5FG44

### LF Drivers - 5.0 Inches

200 W continuous program power capacity  
44 mm (1.7 in) copper voice coil  
63 - 6000 Hz response  
92 dB sensitivity



#### Specifications

Nominal diameter	127 mm (5.0 in)
Nominal impedance	8 $\Omega$
Minimum impedance	6.5 $\Omega$
Nominal power handling <sup>1</sup>	100 W
Continuous power handling <sup>2</sup>	200 W
Sensitivity (1W/1m) <sup>3</sup>	92.0 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

#### Design

Surround shape	Roll
Cone shape	Exponential
Magnet material	Ferrite

#### Design

Spider	Single
Pole design	T-Pole
Woofer cone treatment	WP Waterproof Front Side
Recommended enclosure	5.0 dm <sup>3</sup> (0.17 ft <sup>3</sup> )
Recommended tuning	70 Hz

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

Fs	63 Hz
Re	5.8 $\Omega$
Qes	0.3
Qms	10.0
Qts	0.27
Vas	6.3 dm <sup>3</sup> (0.22 ft <sup>3</sup> )
Sd	95.0 cm <sup>2</sup> (14.7 in <sup>2</sup> )
$\eta_0$	0.55 %
Xmax	3.0 mm
Xvar	5.0 mm
Mms	12 g
Bl	10.0 Txm

#### Parameters

Le	0.8 mH
EBP	210 Hz

#### Mounting And Shipping Info

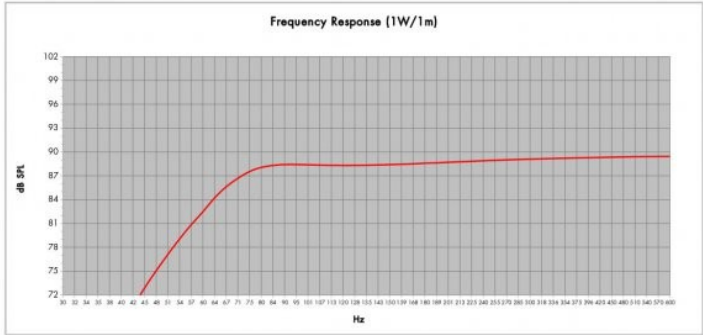
Overall diameter	135 mm (5.31 in)
Bolt circle diameter	142 mm (5.6 in)
Baffle cutout diameter	122.0 mm (4.8 in)
Depth	77 mm (3.03 in)
Flange and gasket thickness	9 mm (0.35 in)
Air volume occupied by driver	0.5 dm <sup>3</sup> (0.02 ft <sup>3</sup> )
Net weight	1.6 kg (3.53 lb)
Shipping units	1
Shipping weight	1.85 kg (4.08 lb)
Shipping box	221x214x130 mm (8.7x8.4x5.1 in)

#### Service Kit

RCK005FG448
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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.



Model:	<b>SFG44</b>	Configuration:	<b>One Driver</b>
Enclosure Type:	<b>Box Reflex</b>		
Internal Net Volume (Liters):	<b>5</b>	Q <sub>B</sub> :	<b>7</b>
Tuning Frequency (Hz):	<b>70</b>	Port Area (cm <sup>2</sup> ):	<b>15.2</b>
Frequency (-3 dB) (Hz):	<b>70.4</b>	Port Length (in):	<b>14.9</b>