

**5FG44** 8 Ω

Woofer

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



# 5FG44 8 Ω

# Woofers

## SPECIFICATIONS

Nominal Diameter	<b>127 mm (5 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>6.5 Ω</b>
Nominal Power Handling	<b>100 W</b>
2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	<b>200 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>92 dB</b>
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	<b>63 Hz - 6000 Hz</b>
Voice Coil Diameter	<b>44 mm (1.7 in)</b>
Winding Material	<b>Copper</b>
Former Material	<b>Kapton</b>
Winding Depth	<b>9 mm (0.35 in)</b>
Magnetic Gap Depth	<b>6 mm (0.25 in)</b>
Flux Density	<b>1.1 T</b>
Woofers Cone Treatment	<b>WP Waterproof Front Side</b>

## PARAMETERS

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

Fs	<b>63 Hz</b>
Re	<b>5.8 Ω</b>
Qes	<b>0.3</b>
Qms	<b>10</b>
Qts	<b>0.27</b>
Vas	<b>6.3 dm<sup>3</sup> (0.22 ft<sup>3</sup>)</b>
Sd	<b>95 cm<sup>2</sup> (14.7 in<sup>2</sup>)</b>
η0	<b>0.55 %</b>
Xmax	<b>3 mm</b>
Xvar	<b>5 mm</b>
Mms	<b>12 g</b>
Bl	<b>10 Tm</b>
Le	<b>0.8 mH</b>
EBP	<b>210 Hz</b>

## DESIGN

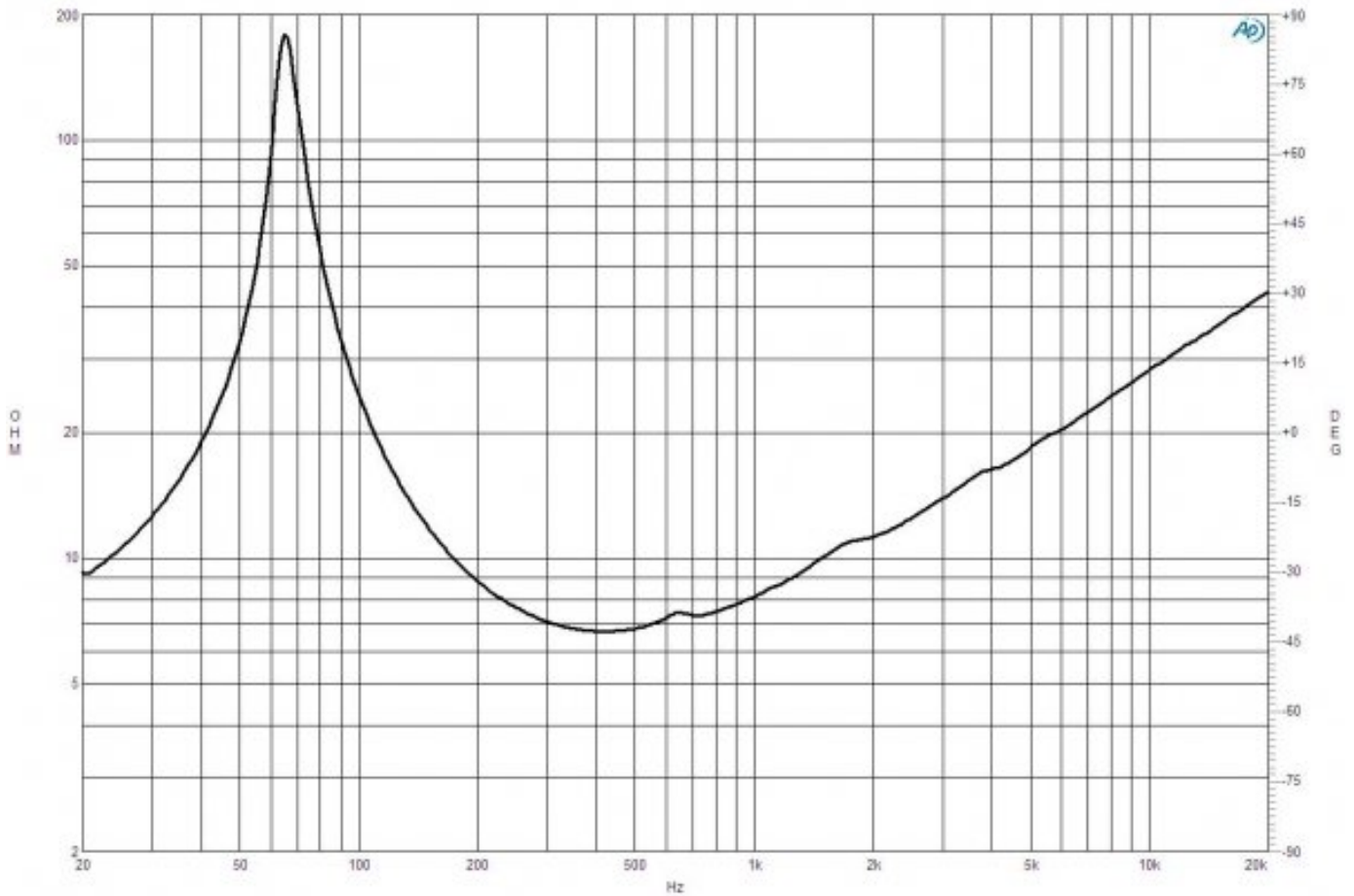
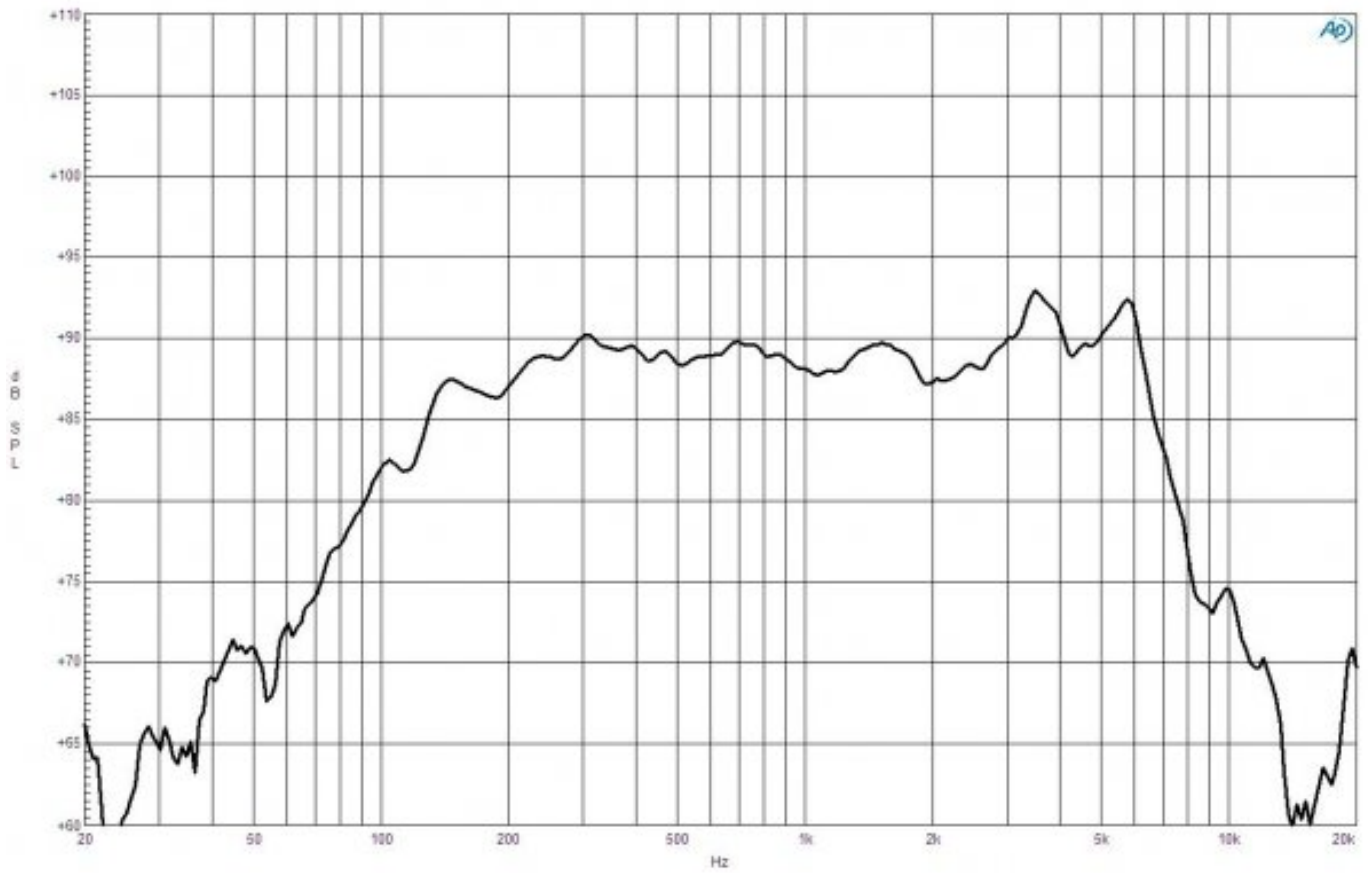
Surround Shape	<b>Roll</b>
Cone Shape	<b>Exponential</b>
Magnet Material	<b>Ferrite</b>
Spider	<b>Single</b>
Pole Design	<b>T-Pole</b>
Woofers Cone Treatment	<b>WP Waterproof Front Side</b>
Recommended Enclosure	<b>5 dm<sup>3</sup> (0.17 ft<sup>3</sup>)</b>
Recommended Tuning	<b>70 Hz</b>

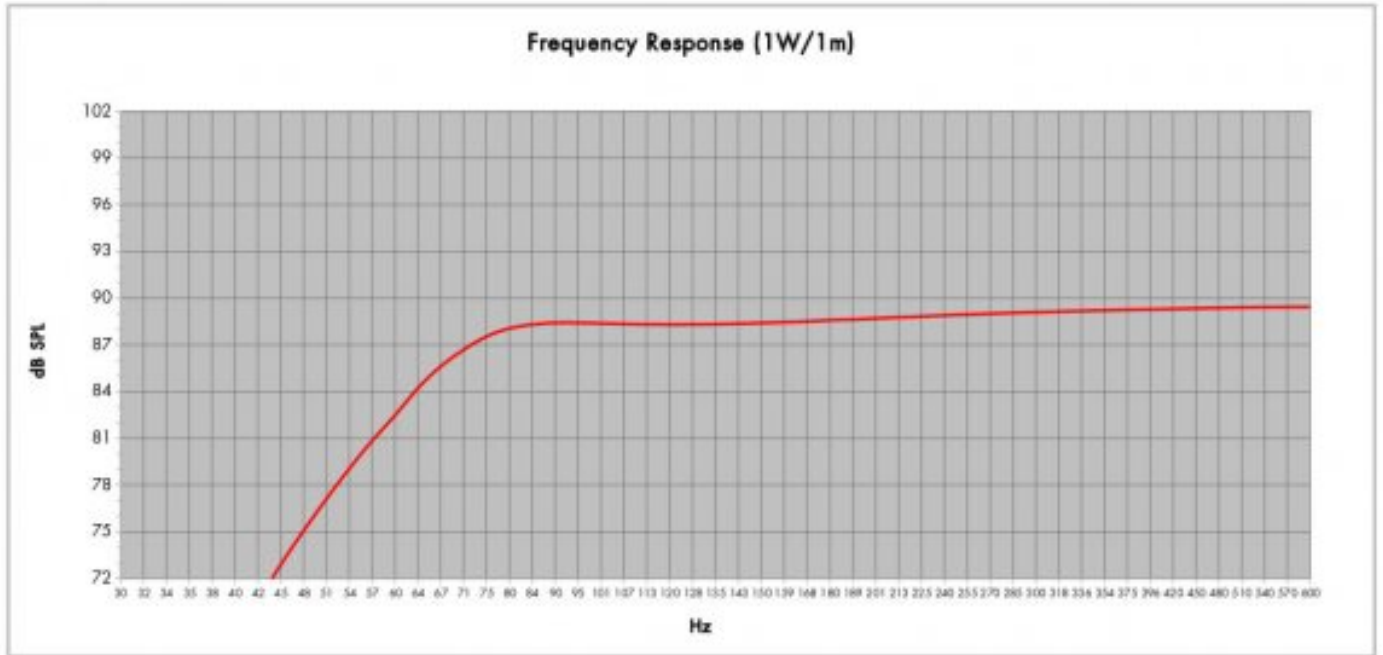
## MOUNTING AND SHIPPING INFO

Overall Diameter	<b>155 mm (6.1 in)</b>
Bolt Circle Diameter	<b>142 mm (5.6 in)</b>
Baffle Cutout Diameter	<b>122 mm (4.8 in)</b>
Depth	<b>77 mm (3.03 in)</b>
Flange and Gasket Thickness	<b>9 mm (0.35 in)</b>
Air Volume Occupied by Driver	<b>0.5 dm<sup>3</sup> (0.02 ft<sup>3</sup>)</b>
Net Weight	<b>1.6 kg (3.53 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>1.8 kg (3.97 lb)</b>
Shipping Box	<b>210x210x125 mm (8.27x8.27x4.92 in)</b>

## SERVICE KITS

LF recone-kits	<b>RCK005FG448</b>
----------------	--------------------





Model:	<b>5FG44</b>	Configuration:	<b>One Driver</b>
Enclosure Type:	<b>Bass Reflex</b>		
Internal Net Volume (Litres):	<b>5</b>	QB:	<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 (cm):	<b>14,9</b>

**5FG44** 8 Ω

Woofer

