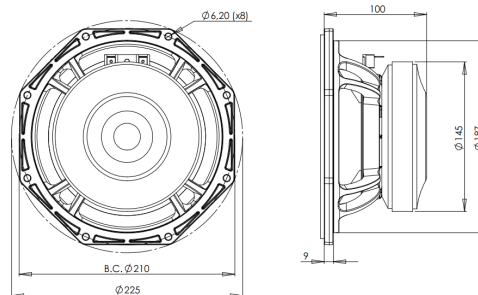


# 8FG64

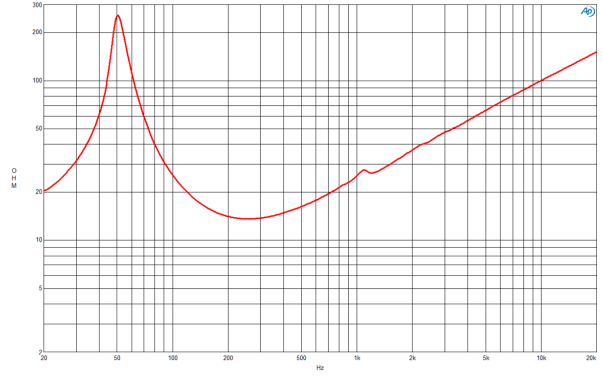
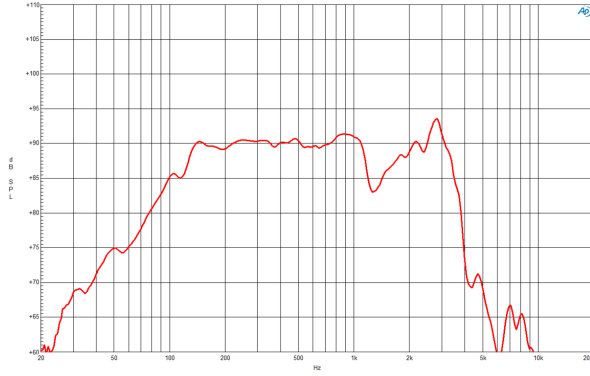
**16Ω****LF Drivers - 8.0 Inches**

- 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

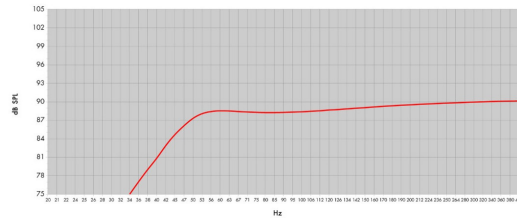


# 8FG64

## LF Drivers- 8.0 Inches



Frequency Response (1W/1m)



|  |            |                               |            |
|--|------------|-------------------------------|------------|
| Model:                                   | 8FG64      | Configuration:                | One Driver |
| Enclosure Type:                          | Box Reflex |                               |            |
| Internal Net Volume (l/m <sup>3</sup> ): | 16         | Q <sub>B</sub> :              | 7          |
| Tuning Frequency (Hz):                   | 50         | Port Area (cm <sup>2</sup> ): | 30.0       |
| Frequency (-3 dB) (Hz):                  | 50.4       | Port Length (cm):             | 17.2       |
| Frequency (-10 dB) (Hz):                 | 39.5       |                               |            |

### SPECIFICATIONS

|  |                   |
|--|-------------------|
| Nominal Diameter                       | 200 mm (8.0 in)   |
| Nominal Impedance                      | 16 Ω              |
| Minimum Impedance                      | 13.5 Ω            |
| 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 (2.5 in)    |
| Winding Material                       | Copper            |
| Former Material                        | Glass Fibre       |
| Winding Depth                          | 20.0 mm (0.79 in) |
| Magnetic Gap Depth                     | 10.0 mm (0.39 in) |
| Flux Density                           | 0.9 T             |

### DESIGN

|                        |  |
|------------------------|--|
| Surround Shape         | Roll   |
| Cone Shape             | Radial                                       |
| Magnet Material        | Ferrite                                      |
| Spider                 | Single                                       |
| Pole Design            | T-Pole                                       |
| Woofers 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>

|                     |   |
|---------------------|---|
| Resonance Frequency | 53 Hz   |
| Re                  | 11.9 Ω  |
| Qes                 | 0.37  |
| Qms                 | 9.33  |
| Qts                 | 0.35  |
| Vas                 | 16.9 dm <sup>3</sup> (0.6 ft <sup>3</sup> )   |
| Sd                  | 220.0 cm <sup>2</sup> (34.1 in <sup>2</sup> ) |
| η <sub>o</sub>      | 0.67 %  |
| X <sub>max</sub>    | ± 7.5 mm                                      |
| X <sub>var</sub>    | ± 9.5 mm                                      |
| M <sub>ms</sub>     | 36.0 g  |
| Bl                  | 16.8 Txm                                      |
| Le                  | 2.9 mH  |
| EBP                 | 143 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                         | 100 mm (3.94 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               | 4.95 kg (10.91 lb)                          |
| Shipping Box                  | 255x255x150 mm (10.04x10.04x5.91 in)        |

**SERVICE KIT**

|            |              |
|------------|--------------|
| Recone kit | RCK008FG6416 |
|------------|--------------|

1. 2 hours test made with continuous pink noise signal 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 4V for 16 ohm Nominal Impedance
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.