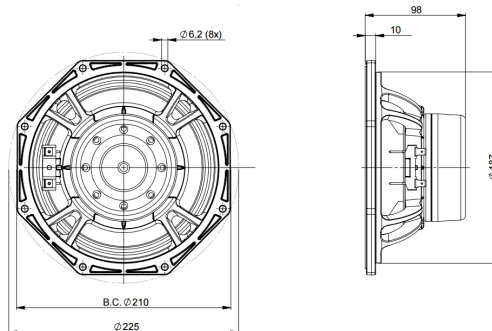


# 8NDL64

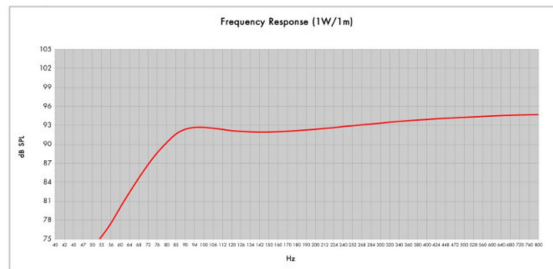
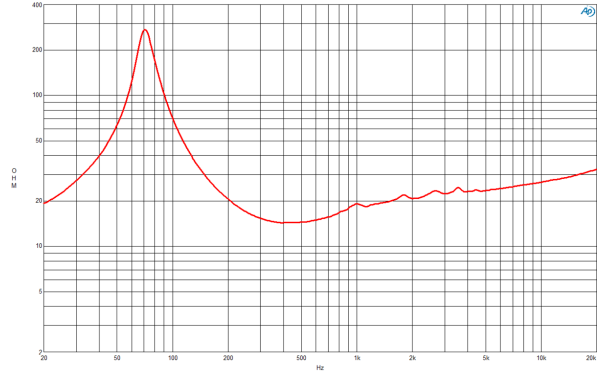
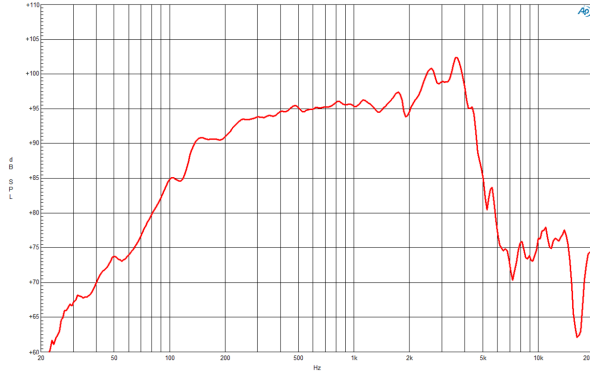
**16Ω****LF Drivers - 8.0 Inches**

- 700 W continuous program power capacity
- 64 mm (2.5 in) copper voice coil
- 80 - 4000 Hz response
- 97 dB sensitivity
- Neodymium inside slug magnet assembly
- Shorting copper cap for extended HF response
- Ventilated voice coil gap for reduced power compression



# 8NDL64

## LF Drivers- 8.0 Inches



|                                |                   |                               |                |                   |
|--------------------------------|-------------------|-------------------------------|----------------|-------------------|
| Model:                         | <b>8NDL64</b>     |                               | Configuration: | <b>One Driver</b> |
| Enclosure Type:                | <b>Box Reflex</b> |                               |                |                   |
| Internal Port Volume (liters): | 10                | GB:                           | 6              |                   |
| Tuning Frequency (Hz):         | 85                | Port Area (cm <sup>2</sup> ): | 36.3           |                   |
| Frequency (-3 dB) (Hz):        | 87.4              | Port Length (cm):             | 9.2            |                   |

### SPECIFICATIONS

|  |                   |
|--|-------------------|
| Nominal Diameter                       | 200 mm (8.0 in)   |
| Nominal Impedance                      | 16 Ω              |
| Minimum Impedance                      | 14.4 Ω            |
| Nominal Power Handling <sup>1</sup>    | 350 W             |
| Continuous power handling <sup>2</sup> | 700 W             |
| Sensitivity (1W/1m) <sup>3</sup>       | 97.0 dB           |
| Frequency Range                        | 80 - 4000 Hz      |
| Voice Coil Diameter                    | 64 mm (2.5 in)    |
| Winding Material                       | Copper            |
| Former Material                        | Glass Fibre       |
| Winding Depth                          | 14.0 mm (0.55 in) |
| Magnetic Gap Depth                     | 8.0 mm (0.31 in)  |
| Flux Density                           | 1.25 T            |

### DESIGN

|                       |  |
|-----------------------|--|
| Surround Shape        | Double Roll                                  |
| Cone Shape            | Exponential                                  |
| Magnet Material       | Neodymium Inside Slug                        |
| Spider                | Single                                       |
| Pole Design           | T-Pole                                       |
| Woofer Cone Treatment | WP Waterproof Front Side                     |
| Recommended Enclosure | 10.0 dm <sup>3</sup> (0.35 ft <sup>3</sup> ) |
| Recommended Tuning    | 85 Hz  |

### PARAMETERS<sup>4</sup>

|                     |   |
|---------------------|---|
| Resonance Frequency | 73 Hz   |
| Re                  | 11.2 Ω  |
| Qes                 | 0.25  |
| Qms                 | 6.8   |
| Qts                 | 0.24  |
| Vas                 | 11.8 dm <sup>3</sup> (0.42 ft <sup>3</sup> )  |
| Sd                  | 220.0 cm <sup>2</sup> (34.1 in <sup>2</sup> ) |
| η <sub>o</sub>      | 1.8 %   |
| X <sub>max</sub>    | ± 4.5 mm                                      |
| X <sub>var</sub>    | ± 5.5 mm                                      |
| M <sub>ms</sub>     | 27.0 g  |
| Bl                  | 24.0 Txm                                      |
| Le                  | 1.03 mH                                       |
| EBP                 | 292 Hz  |

**MOUNTING AND SHIPPING INFO**

|                               |   |
|-------------------------------|---|
| Overall Diameter              | 225 mm (8.8 in)                             |
| Bolt Circle Diameter          | 210 mm (8.3 in)                             |
| Baffle Cutout Diameter        | 187.0 mm (7.4 in)                           |
| Depth                         | 95 mm (3.74 in)                             |
| Flange and Gasket Thickness   | 10 mm (0.39 in)                             |
| Air Volume Occupied by Driver | 1.5 dm <sup>3</sup> (0.05 ft <sup>3</sup> ) |
| Net Weight                    | 2.6 kg (5.73 lb)                            |
| Shipping Units                | 1   |
| Shipping Weight               | 3.05 kg (6.72 lb)                           |
| Shipping Box                  | 255x255x150 mm (10.04x10.04x5.91 in)        |

**SERVICE KIT**

|            |               |
|------------|---------------|
| Recone kit | RCK008NDL6416 |
|------------|---------------|

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.