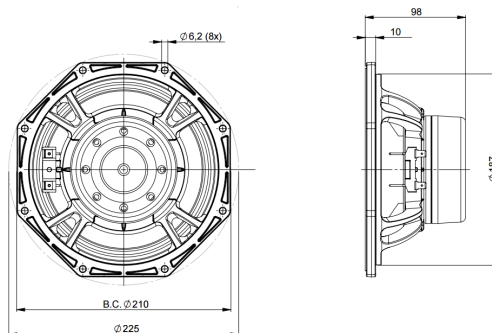


# 8NDL64

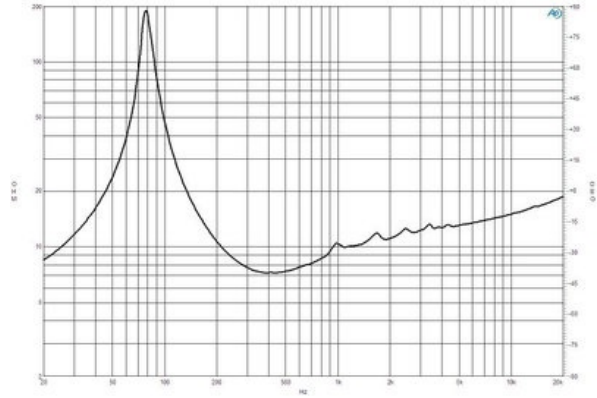
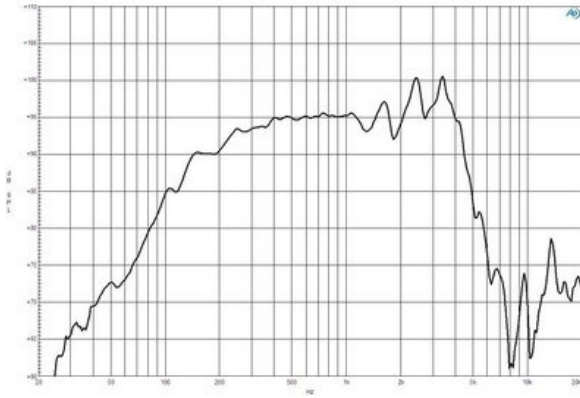
**8Ω****LF Drivers - 8.0 Inches**

- 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



### SPECIFICATIONS

|  |                   |
|--|-------------------|
| Nominal Diameter                       | 200 mm (8.0 in)   |
| Nominal Impedance                      | 8 $\Omega$        |
| Minimum Impedance                      | 7.2 $\Omega$      |
| Nominal Power Handling <sup>1</sup>    | 350 W             |
| Continuous Power Handling <sup>2</sup> | 700 W             |
| Sensitivity <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 | 80 Hz   |
| Re                  | 5.4 $\Omega$                                  |
| Qes                 | 0.25  |
| Qms                 | 10.91   |
| Qts                 | 0.25  |
| Vas                 | 9.6 dm <sup>3</sup> (0.34 ft <sup>3</sup> )   |
| Sd                  | 220.0 cm <sup>2</sup> (34.1 in <sup>2</sup> ) |
| $\eta_0$            | 1.88 %  |
| Xmax                | 4.5 mm  |
| Xvar                | 5.0 mm  |
| Mms                 | 28.0 g  |
| Bl                  | 17.5 Txm                                      |
| Le                  | 0.62 mH                                       |
| EBP                 | 320 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                    | 2.8 kg (6.17 lb)                            |
| Shipping Units                | 1   |
| Shipping Weight               | 3.25 kg (7.17 lb)                           |
| Shipping Box                  | 255x255x150 mm (10.04x10.04x5.91 in)        |

### SERVICE KIT

RCK008NDL648

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.