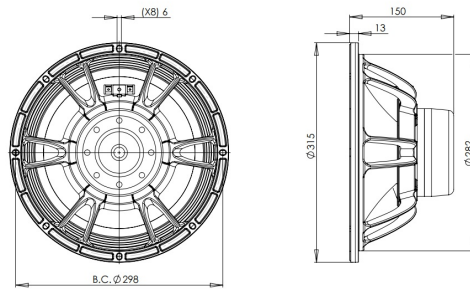


# 12NDL88

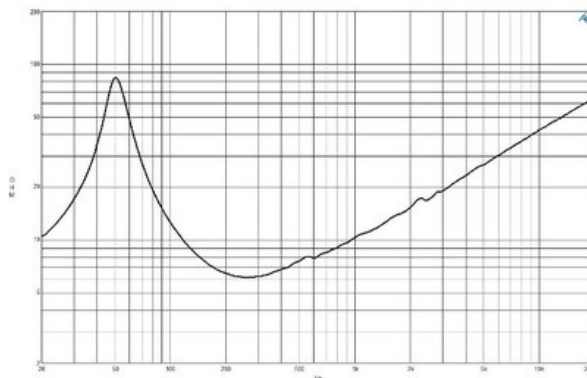
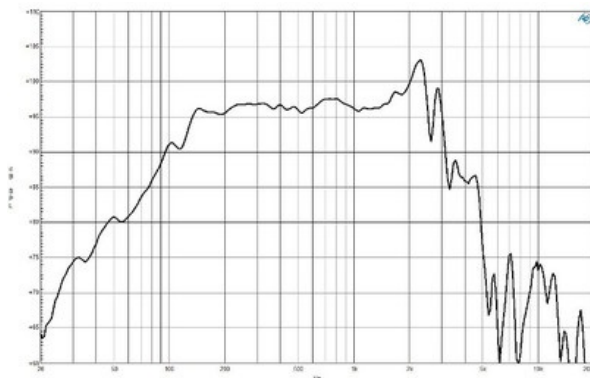
**8Ω****LF Drivers - 12.0 Inches**

- 1400 W continuous program power capacity
- 88 mm (3.5 in) aluminium voice coil
- 50 - 3000 Hz response
- 98 dB sensitivity



# 12NDL88

## LF Drivers- 12.0 Inches



### SPECIFICATIONS

|  |                   |
|--|-------------------|
| Nominal Diameter                       | 320 mm (12.0 in)  |
| Nominal Impedance                      | 8 $\Omega$        |
| Minimum Impedance                      | 6.0 $\Omega$      |
| Nominal Power Handling <sup>1</sup>    | 700 W             |
| Continuous Power Handling <sup>2</sup> | 1400 W            |
| Sensitivity <sup>3</sup>               | 98.0 dB           |
| Frequency Range                        | 50 - 3000 Hz      |
| Voice Coil Diameter                    | 88 mm (3.5 in)    |
| Winding Material                       | Aluminium         |
| Former Material                        | Glass Fibre       |
| Winding Depth                          | 21.0 mm (0.85 in) |
| Magnetic Gap Depth                     | 10.0 mm (0.4 in)  |
| Flux Density                           | 1.15 T            |

### DESIGN

|                       |  |
|-----------------------|--|
| Surround Shape        | Triple Roll                                  |
| Cone Shape            | Exponential                                  |
| Magnet Material       | Neodymium Inside Slug                        |
| Spider                | Double Silicone                              |
| Pole Design           | T-Pole                                       |
| Woofer Cone Treatment | WP Waterproof Front Side                     |
| Recommended Enclosure | 40.0 dm <sup>3</sup> (1.41 ft <sup>3</sup> ) |
| Recommended Tuning    | 65 Hz  |

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

|                     |   |
|---------------------|---|
| Resonance Frequency | 51 Hz   |
| Re                  | 5.0 $\Omega$                                  |
| Qes                 | 0.29  |
| Qms                 | 5.0   |
| Qts                 | 0.27  |
| Vas                 | 52.0 dm <sup>3</sup> (1.84 ft <sup>3</sup> )  |
| Sd                  | 522.0 cm <sup>2</sup> (80.9 in <sup>2</sup> ) |
| $\eta^o$            | 2.3 %   |
| Xmax                | 8.0 mm  |
| Xvar                | 9.5 mm  |
| Mms                 | 71.0 g  |
| Bl                  | 19.9 Txm                                      |
| Le                  | 1.3 mH  |
| EBP                 | 175 Hz  |

### MOUNTING AND SHIPPING INFO

|                               |   |
|-------------------------------|---|
| Overall Diameter              | 315 mm (12.4 in)                            |
| Bolt Circle Diameter          | 298 mm (11.73 in)                           |
| Baffle Cutout Diameter        | 282.0 mm (11.1 in)                          |
| Depth                         | 140 mm (5.51 in)                            |
| Flange and Gasket Thickness   | 13 mm (0.51 in)                             |
| Air Volume Occupied by Driver | 2.5 dm <sup>3</sup> (0.08 ft <sup>3</sup> ) |
| Net Weight                    | 4.8 kg (10.58 lb)                           |
| Shipping Units                | 1   |
| Shipping Weight               | 5.7 kg (12.57 lb)                           |
| Shipping Box                  | 360x360x200 mm (14.17x14.17x7.87 in)        |

### SERVICE KIT

RCK12NDL88

- 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.
- Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
- Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
- Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.